

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3428675

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LSI CORPORATION	08/14/2014
RECEIVING PARTY DATA	
Name:	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.
Street Address:	1 YISHUN AVENUE 7
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	768923
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14283602
CORRESPONDENCE DATA	
Fax Number:	(770)804-0900
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	770-709-0069
Email:	rblaha@srtslaw.com
Correspondent Name:	SMITH RISLEY TEMPEL SANTOS LLC
Address Line 1:	TWO RAVINIA DRIVE, SUITE 700
Address Line 4:	ATLANTA, GEORGIA 30346
ATTORNEY DOCKET NUMBER:	L10-0335US2
NAME OF SUBMITTER:	ROBERT A. BLAHA
SIGNATURE:	/Robert A. Blaha/
DATE SIGNED:	07/07/2015
Total Attachments: 87	
source=Patent_Asignment_signed_by_LSI_Corporation_and_Avago_General_IP#page1.tif source=Patent_Asignment_signed_by_LSI_Corporation_and_Avago_General_IP#page2.tif source=Patent_Asignment_signed_by_LSI_Corporation_and_Avago_General_IP#page3.tif source=Patent_Asignment_signed_by_LSI_Corporation_and_Avago_General_IP#page4.tif source=Patent_Asignment_signed_by_LSI_Corporation_and_Avago_General_IP#page5.tif source=Patent_Asignment_signed_by_LSI_Corporation_and_Avago_General_IP#page6.tif	

PATENT ASSIGNMENT

THIS ASSIGNMENT (the "Assignment"), effective as of August 4, 2014, is made by and between Avago Technologies General IP (Singapore) Pte. Ltd., a Singapore corporation with a tax registration number 2005-12430-D, having a place of business at 1 Yishun Avenue 7, Singapore 768923 ("Assignee") and LSI Corporation, a company incorporated under the laws of Delaware, United States of America having its principal office at 1320 Ridder Park Drive, San Jose, CA 95131 ("Assignor"). Assignee and Assignor are referred to herein as the "Parties".

WITNESSETH:

WHEREAS, Assignor and Assignee entered into a certain Intellectual Property Purchase Agreement, with effect as of August 4, 2014 (the "Purchase Agreement");

WHEREAS, pursuant to the Purchase Agreement, Assignor agreed to transfer to Assignee all of the legal right, title and interest of Assignor in and to certain assets, properties, rights and interests, including without limitation, certain Purchased Intellectual Property including the Purchased Patents set forth in the attached Exhibit A;

WHEREAS, Assignee is desirous of acquiring (and Assignor is desirous of assigning to Assignee) the entire right, title and interest in and to the Purchased Patents and the inventions disclosed and/or claimed in the Purchased Patents, and in and to any and all letters patents worldwide which may be obtained therefor; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:


1. Assignor does hereby sell, assign, transfer, and convey to Assignee, and to the maximum extent provided under law, all of Assignor's entire worldwide legal right, title and interest in, to, and under the Purchased Patents, the same to be held and enjoyed by Assignee for its own use and enjoyment and the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor, if this assignment and sale had not been made, as assignee of its entire right, title and interest therein and in and to all income, royalties, damages and payments now or hereafter due or payable with respect thereto in and to all causes of action (either in law or in equity) and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment.
2. Assignor hereby covenants and agrees that Assignor will not execute any writing or do any act whatsoever conflicting with this Assignment, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary or desirable assistance in making application for and obtaining original, divisional, continuations, continuation-in-part, reexamined, reissued, or extended letters patent or of any and all foreign countries on said inventions, and in enforcing any rights or causes of action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and/or by executing preliminary statements and other affidavits.
3. The parties authorize and request that the Commissioner of Patents and Trademarks of the United States, and the corresponding entities or agencies in any applicable foreign countries, record Assignee as the owner of record for the Purchased Patents and issue the patent for the pending Purchased Patents to the Assignee.

4. All disputes, claims or controversies arising out of this Assignment, or the negotiation, validity or performance of this Assignment, or the transactions contemplated hereby shall be governed by and construed in accordance with the laws of the State of California, U.S.A. without regard to its rules of conflict of laws.
5. This Assignment shall be binding upon and inure to the benefit of the parties and their respective successors and assigns.
6. If any provision of this Assignment or the application of any such provision to any person or circumstance shall be held invalid, illegal or unenforceable in any respect by a court of competent jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision hereof.
7. This Assignment may be executed in two (2) counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly executed in duplicate originals by their duly authorized representative as of the day and year first above written.

LSI Corporation
(as Assignor)

Avago Technologies General IP (Singapore)
Pte. Ltd.
(as Assignee)

By: 
Name: Bryan Ingram
Title: Sr. VP & COO

By: _____
Name:
Title:


4. All disputes, claims or controversies arising out of this Assignment, or the negotiation, validity or performance of this Assignment, or the transactions contemplated hereby shall be governed by and construed in accordance with the laws of the State of California, U.S.A. without regard to its rules of conflict of laws.
5. This Assignment shall be binding upon and inure to the benefit of the parties and their respective successors and assigns.
6. If any provision of this Assignment or the application of any such provision to any person or circumstance shall be held invalid, illegal or unenforceable in any respect by a court of competent jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision hereof.
7. This Assignment may be executed in two (2) counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly executed in duplicate originals by their duly authorized representative as of the day and year first above written.

LSI Corporation
(as Assignor)

Avago Technologies General IP (Singapore)
Pte. Ltd.
(as Assignee)

By: _____
Name:
Title:

By: 
Name: **Pe-Wynn Kin**
Title: **Corporate Secretary**

PURCHASED PATENTS - EXHIBIT A

Docket Number	Date Filed	Application Number	Grant Date	Patent Number	Country	Status	ORIGIN
L98-017/1D	Mar 24, 2000	09534652	Jul 10, 2001	6258205	US	Issued	LSI Logic Corporation
L00-103	Dec 6, 2000	09731596	Aug 9, 2005	6927079	US	Issued	LSI Logic Corporation
L00-127	Jul 3, 2001	09898267	Jun 10, 2003	6576981	US	Issued	LSI Logic Corporation
L00-141	Jul 16, 2001	09906331	Aug 13, 2002	6432812	US	Issued	LSI Logic Corporation
L96-155-CA	Sep 29, 1998	2304635	May 28, 2002	2304635	CA	Issued	LSI Logic Corporation
L99-055-JP	Mar 22, 2000	2000079893	May 16, 2003	3430114	JP	Issued	LSI Logic Corporation
P-3425/1C/1D	Mar 23, 2000	09534907	Jul 2, 2002	6413848	US	Issued	LSI Logic Corporation
L00-157	Oct 31, 2000	09704164	Jul 23, 2002	6423630	US	Issued	LSI Logic Corporation
L00-162	Dec 22, 2000	09746796	Jan 18, 2011	7873814	US	Issued	LSI Logic Corporation
L00-166	Dec 22, 2000	09748030	Feb 10, 2004	6691306	US	Issued	LSI Logic Corporation
L00-168	Sep 20, 2000	09666507	Jun 17, 2003	6579371	US	Issued	LSI Logic Corporation
L00-172	Aug 15, 2000	09639449	Jul 2, 2002	6412358	US	Issued	LSI Logic Corporation
L00-173	Dec 13, 2000	09735837	Mar 18, 2003	6536027	US	Issued	LSI Logic Corporation
L00-175	Oct 4, 2000	09679313	Apr 22, 2003	6553370	US	Issued	LSI Logic Corporation
L00-178	Jul 17, 2000	09617550	May 27, 2003	6569751	US	Issued	LSI Logic Corporation
L00-180	Jun 27, 2000	09605380	Dec 10, 2002	6492731	US	Issued	LSI Logic Corporation
L00-183	Sep 26, 2000	09670448	Nov 26, 2002	6486064	US	Issued	LSI Logic Corporation
L00-177	Dec 22, 2000	09748029	Jan 24, 2006	6990567	US	Issued	LSI Logic Corporation
L00-185	Mar 6, 2001	09800532	Jul 15, 2003	6594807	US	Issued	LSI Logic Corporation
L00-187	Dec 22, 2000	09748641	Apr 6, 2004	6718539	US	Issued	LSI Logic Corporation
L00-192	Nov 27, 2000	09723476	May 20, 2003	6566730	US	Issued	LSI Logic Corporation
L00-194	Oct 16, 2000	09690047	May 6, 2003	6557566	US	Issued	LSI Logic Corporation
L00-196	Dec 11, 2000	09735233	Jan 22, 2002	6341092	US	Issued	LSI Logic Corporation
L00-199	Jun 20, 2000	09596909	Dec 24, 2002	6499001	US	Issued	LSI Logic Corporation
L00-204	Jul 3, 2000	09609527	Sep 24, 2002	6455363	US	Issued	LSI Logic Corporation
L00-206	Feb 23, 2001	09792321	Oct 1, 2002	6458508	US	Issued	LSI Logic Corporation
L00-207	Sep 13, 2000	09661465	Dec 3, 2002	6489242	US	Issued	LSI Logic Corporation
L00-208	Sep 26, 2000	09669979	Nov 20, 2001	6319836	US	Issued	LSI Logic Corporation
L00-209	Dec 28, 2000	09750639	Aug 27, 2002	6439981	US	Issued	LSI Logic Corporation
L00-210	Oct 4, 2000	09679209	May 13, 2003	6564211	US	Issued	LSI Logic Corporation
Q-039/1D	Apr 11, 2000	09546953	Apr 20, 2004	6724725	US	Issued	LSI Logic Corporation
L00-212	Jul 25, 2000	09624816	Aug 16, 2005	6931027	US	Issued	LSI Logic Corporation
L00-213	May 15, 2001	09859149	Jul 1, 2003	6587999	US	Issued	LSI Logic Corporation
L00-214	Dec 19, 2000	09740907	Feb 24, 2004	6697900	US	Issued	LSI Logic Corporation
L00-215	Aug 16, 2000	09639534	Jul 20, 2004	6766463	US	Issued	LSI Logic Corporation
L00-217	Dec 22, 2000	09747638	Oct 8, 2002	6461972	US	Issued	LSI Logic Corporation
L00-218	Apr 17, 2001	09836895	Aug 3, 2004	6772329	US	Issued	LSI Logic Corporation
L00-220	May 8, 2000	09567203	Nov 4, 2003	6643324	US	Issued	LSI Logic Corporation
L98-023/2D	Apr 24, 2000	09557946	Apr 15, 2003	6549322	US	Issued	LSI Logic Corporation
L00-224	Aug 24, 2000	09645637	Nov 16, 2004	6820139	US	Issued	LSI Logic Corporation
L00-225	Jun 11, 2001	09878741	Dec 24, 2002	6498045	US	Issued	LSI Logic Corporation
L00-227	Jun 9, 2000	09590917	Nov 26, 2002	6486805	US	Issued	LSI Logic Corporation
L00-226	Sep 20, 2000	09666676	Aug 13, 2002	6434657	US	Issued	LSI Logic Corporation
L00-228	Oct 6, 2000	09684770	Dec 30, 2003	6671846	US	Issued	LSI Logic Corporation
P-3041/1C/1D	Mar 15, 2000	09526101	May 7, 2002	6383414	US	Issued	LSI Logic Corporation
L00-230	Oct 2, 2000	09677269	May 4, 2004	6731683	US	Issued	LSI Logic Corporation
L00-231	Oct 24, 2000	09695534	Apr 23, 2002	6376795	US	Issued	LSI Logic Corporation
L00-232	Sep 28, 2000	09675109	Oct 29, 2002	6472715	US	Issued	LSI Logic Corporation
L00-233	Oct 2, 2000	09676516	Apr 9, 2002	6369735	US	Issued	LSI Logic Corporation
L00-235	Oct 31, 2000	09704200	Mar 25, 2003	6537923	US	Issued	LSI Logic Corporation
L97-140/1C	Jun 30, 1998	09108092	Jan 16, 2001	6175124	US	Issued	LSI Logic Corporation
L00-245	Sep 27, 2000	09670997	Dec 17, 2002	6495419	US	Issued	LSI Logic Corporation
L00-246	Jan 12, 2001	09759921	Jun 1, 2004	6745273	US	Issued	LSI Logic Corporation
L00-248	Aug 11, 2000	09636498	Jun 11, 2002	6403399	US	Issued	LSI Logic Corporation
L00-251	Nov 22, 2000	09721319	Aug 19, 2003	6609173	US	Issued	LSI Logic Corporation
L00-253	Oct 6, 2000	09680759	Oct 28, 2003	6639321	US	Issued	LSI Logic Corporation
L00-255	Oct 6, 2000	09684868	Dec 7, 2004	6829751	US	Issued	LSI Logic Corporation
L00-256	May 1, 2001	09846435	Aug 13, 2002	6433565	US	Issued	LSI Logic Corporation
P-3560/1C	Jun 2, 1998	09088801	Apr 3, 2001	6211517	US	Issued	LSI Logic Corporation
L00-260	Nov 29, 2000	09726107	Jan 15, 2002	6338992	US	Issued	LSI Logic Corporation
L00-261	Sep 27, 2000	09670998	Nov 19, 2002	6482075	US	Issued	LSI Logic Corporation
L98-198/1D	May 30, 2000	09580939	Mar 4, 2003	6527867	US	Issued	LSI Logic Corporation
L00-262	Jan 22, 2001	09767585	Feb 10, 2004	6691264	US	Issued	LSI Logic Corporation
L00-263	Mar 14, 2001	09808510	Mar 11, 2003	6532572	US	Issued	LSI Logic Corporation
P-3586/1D	Feb 4, 2000	09497521	Jan 7, 2003	6505316	US	Issued	LSI Logic Corporation
L98-149/1D	May 31, 2000	09583434	May 7, 2002	6338332	US	Issued	LSI Logic Corporation
P-3390/1C	Nov 12, 1997	08967545	Dec 26, 2000	6166403	US	Issued	LSI Logic Corporation
L00-269	Nov 15, 2000	09714000	Aug 19, 2003	6607967	US	Issued	LSI Logic Corporation
L00-270	Nov 30, 2000	09727427	Oct 15, 2002	6466038	US	Issued	LSI Logic Corporation
L00-275	Aug 25, 2000	09645949	Nov 2, 2004	6813687	US	Issued	LSI Logic Corporation
L98-042/1D	Jun 9, 2000	09591108	Feb 4, 2003	6514824	US	Issued	LSI Logic Corporation
P-2953/1D	Jun 15, 2000	09594478	Oct 9, 2001	6300663	US	Issued	LSI Logic Corporation
L00-277	Sep 20, 2000	09665988	Apr 22, 2003	6553166	US	Issued	LSI Logic Corporation
P-3199/1C	Sep 26, 1997	08938099	Jul 3, 2001	6254456	US	Issued	LSI Logic Corporation
L00-282	Oct 12, 2000	09687263	Dec 30, 2003	6670214	US	Issued	LSI Logic Corporation
L00-283	Dec 28, 2000	09752626	Jul 8, 2003	6591410	US	Issued	LSI Logic Corporation
L00-287	Oct 11, 2000	09685856	Sep 7, 2004	6788743	US	Issued	LSI Logic Corporation
L00-288	Sep 28, 2001	09966464	Jun 10, 2003	6576544	US	Issued	LSI Logic Corporation
NM-002200-KR	Jan 6, 1998	1019980000146	Nov 23, 2005	532191	KR	Issued	LSI Logic Corporation
NM-002600	Jan 6, 1999	09226442	Sep 5, 2000	6114879	US	Issued	LSI Logic Corporation
NM-002000/1C-GB	Oct 22, 1996	96221825	Apr 28, 1999	2306822	GB	Issued	LSI Logic Corporation
NM-002000	Oct 29, 1996	08739419	Dec 8, 1998	5847605	US	Issued	LSI Logic Corporation
NM-001900/1C-GB	Oct 22, 1996	96220181	Apr 28, 1999	2307124	GB	Issued	LSI Logic Corporation
NM-002800-GB	Feb 26, 1998	98041676	Nov 20, 2002	2334839	GB	Issued	LSI Logic Corporation
NM-002800	Feb 25, 1999	09257418	Jan 9, 2001	6172534	US	Issued	LSI Logic Corporation
NM-002800-JP	Feb 19, 1999	11041822	Jul 31, 2009	4350192	JP	Issued	LSI Logic Corporation
NM-002800-SE	Feb 17, 1999	99005340	Jan 10, 2003	520193	SE	Issued	LSI Logic Corporation
NM-002100	Mar 5, 1998	09035395	Sep 5, 2000	6114902	US	Issued	LSI Logic Corporation
NM-002100-JP	Mar 4, 1998	98069367	Jul 3, 2009	4334634	JP	Issued	LSI Logic Corporation
NM-002700	Sep 8, 1994	08302514	Aug 6, 1996	5543979	US	Issued	LSI Logic Corporation
NM-41	Nov 19, 1998	09197323	Aug 21, 2001	6279135	US	Issued	LSI Logic Corporation
NM-43	Jul 30, 1998	09126118	Aug 15, 2001	6105107	US	Issued	LSI Logic Corporation
NM-46	Feb 17, 1999	09251724	Jun 19, 2001	6249896	US	Issued	LSI Logic Corporation
NM-53	Jul 30, 1998	09126125	Feb 27, 2001	6195778	US	Issued	LSI Logic Corporation
NM-54	Sep 16, 1998	09153949	Mar 6, 2001	6198705	US	Issued	LSI Logic Corporation

NM-59	Mar 31, 1999	09283130	Jan 15, 2002	6339565	US	Issued	LSI Logic Corporation
B3-4134/1D	Jun 28, 2000	09604865	Jun 18, 2002	6407559	US	Issued	LSI Logic Corporation
L96-074/1C	Feb 11, 1998	09022350	Jan 9, 2001	6173374	US	Issued	LSI Logic Corporation
L98-090/1C	Apr 3, 1998	09054850	Oct 17, 2000	6134617	US	Issued	LSI Logic Corporation
L98-265/1D	Jun 23, 2000	09602797	Sep 11, 2001	6288454	US	Issued	LSI Logic Corporation
L95-096-DE	May 30, 1997	979241403	Jul 12, 2000	69702523.3	DE	Issued	LSI Logic Corporation
L95-096-GB	May 30, 1997	979241403	Jul 12, 2000	0907917	GB	Issued	LSI Logic Corporation
L95-096-FR	May 30, 1997	979241403	Jul 12, 2000	0907917	FR	Issued	LSI Logic Corporation
L95-096-NL	May 30, 1997	979241403	Jul 12, 2000	0907917	NL	Issued	LSI Logic Corporation
L96-012/2C	Apr 21, 1998	09063940	Sep 4, 2001	6285263	US	Issued	LSI Logic Corporation
L00-292	May 10, 2001	09852437	Sep 16, 2003	6622216	US	Issued	LSI Logic Corporation
L00-289	Nov 28, 2000	09724444	Apr 8, 2003	6544854	US	Issued	LSI Logic Corporation
L97-161/2C	Oct 30, 2000	09610592	Jan 29, 2002	6342803	US	Issued	LSI Logic Corporation
P-3155/1D	Jul 10, 2000	09618211	Sep 24, 2002	6455934	US	Issued	LSI Logic Corporation
L96-044/1C	Aug 13, 1996	08696046	Mar 27, 2001	6208329	US	Issued	LSI Logic Corporation
L00-301	Dec 19, 2000	09740604	Apr 9, 2002	6370078	US	Issued	LSI Logic Corporation
L00-307	Dec 15, 2000	09737837	Mar 4, 2003	6529400	US	Issued	LSI Logic Corporation
L00-296	Nov 13, 2000	09711594	Dec 24, 2002	6499091	US	Issued	LSI Logic Corporation
L00-295	Nov 1, 2000	09704635	Jul 16, 2002	6420277	US	Issued	LSI Logic Corporation
L97-105/1C	Sep 18, 1998	09157214	Oct 1, 2002	6459313	US	Issued	LSI Logic Corporation
L00-312	Feb 9, 2001	09780061	Apr 27, 2004	6728816	US	Issued	LSI Logic Corporation
L00-315	Jan 25, 2002	10056631	Jun 27, 2006	7069363	US	Issued	LSI Logic Corporation
L00-310	Jun 20, 2001	09885896	Nov 18, 2003	6650139	US	Issued	LSI Logic Corporation
A1-4027/1C	Mar 3, 1998	09034658	Jan 16, 2001	6175953	US	Issued	LSI Logic Corporation
A1-4026/1C	Mar 3, 1998	09034550	Jan 16, 2001	6174630	US	Issued	LSI Logic Corporation
L00-323	May 14, 2001	09855011	Mar 27, 2007	7197194	US	Issued	LSI Logic Corporation
L00-336	Sep 21, 2001	09960578	May 25, 2004	6741263	US	Issued	LSI Logic Corporation
L00-337	Jun 11, 2001	09878594	Jun 1, 2004	6744428	US	Issued	LSI Logic Corporation
L00-338	Sep 21, 2001	09960572	Nov 29, 2005	6970208	US	Issued	LSI Logic Corporation
L00-339	Jul 9, 2001	09900940	Aug 15, 2006	7092035	US	Issued	LSI Logic Corporation
L00-343	Jul 27, 2001	09916974	Dec 14, 2004	6831654	US	Issued	LSI Logic Corporation
L00-378	May 23, 2001	09863744	Jul 13, 2004	6762982	US	Issued	LSI Logic Corporation
A4-4092/1C	Apr 5, 1999	09286177	Feb 13, 2001	6188835	US	Issued	LSI Logic Corporation
L00-401	May 8, 2001	09850865	Apr 12, 2005	6880072	US	Issued	LSI Logic Corporation
L00-399	Oct 3, 2000	09677623	Mar 11, 2003	6531927	US	Issued	LSI Logic Corporation
L00-397	Feb 23, 2001	09792100	Jul 15, 2003	6594741	US	Issued	LSI Logic Corporation
L00-394	Nov 15, 2000	09713085	Jan 15, 2002	6339311	US	Issued	LSI Logic Corporation
L00-421	Dec 12, 2000	09735820	Feb 10, 2004	6691272	US	Issued	LSI Logic Corporation
L00-420	Apr 9, 2001	09829377	Dec 4, 2001	6327207	US	Issued	LSI Logic Corporation
L00-417	Dec 8, 2000	09732946	Dec 30, 2003	6671781	US	Issued	LSI Logic Corporation
L00-418	Dec 6, 2000	09731476	Jun 24, 2003	6584537	US	Issued	LSI Logic Corporation
L96-134/1C	Jul 10, 1998	09113594	Apr 16, 2002	6372520	US	Issued	LSI Logic Corporation
DP-001	Sep 30, 1997	08940869	Mar 7, 2000	6035435	US	Issued	LSI Logic Corporation
DP-001/C1	Sep 2, 1999	09389872	Jun 12, 2001	6247159	US	Issued	LSI Logic Corporation
DP-002	Jun 1, 1999	09323670	Apr 10, 2001	6215431	US	Issued	LSI Logic Corporation
DP-003	Feb 16, 1999	09250426	Oct 1, 2002	6459684	US	Issued	LSI Logic Corporation
DP-005	Oct 1, 1999	09411342	Aug 14, 2001	6275098	US	Issued	LSI Logic Corporation
DP-007	Oct 1, 1998	09164867	May 22, 2001	6236257	US	Issued	LSI Logic Corporation
DP-008	Oct 1, 1998	09164864	May 1, 2001	6226136	US	Issued	LSI Logic Corporation
DP-012	Oct 1, 1998	09165182	May 13, 2003	6563889	US	Issued	LSI Logic Corporation
DP-013	Aug 25, 1999	09383108	Aug 7, 2001	6271725	US	Issued	LSI Logic Corporation
DP-015	Jul 15, 1999	09354685	Oct 16, 2001	6304150	US	Issued	LSI Logic Corporation
DP-016	Sep 29, 1999	09408016	Sep 18, 2001	6292125	US	Issued	LSI Logic Corporation
DP-017	Jul 15, 1999	09354644	Nov 20, 2001	6320444	US	Issued	LSI Logic Corporation
DP-018	Sep 1, 1999	09387448	Aug 7, 2001	6271711	US	Issued	LSI Logic Corporation
DP-019	Sep 1, 1999	09388037	Nov 19, 2002	6484286	US	Issued	LSI Logic Corporation
DP-020	Aug 27, 1999	09384850	May 8, 2001	6229458	US	Issued	LSI Logic Corporation
DP-021	Sep 1, 1999	09388996	Feb 6, 2001	6184748	US	Issued	LSI Logic Corporation
DP-022	Aug 30, 1999	09385190	Nov 6, 2001	6313963	US	Issued	LSI Logic Corporation
DP-023	Aug 30, 1999	09386029	Apr 24, 2001	6222476	US	Issued	LSI Logic Corporation
DATAP025	Sep 1, 1999	09388036	Jan 2, 2001	6169458	US	Issued	LSI Logic Corporation
P-3542/1C	Feb 11, 1998	09022353	May 29, 2001	6239609	US	Issued	LSI Logic Corporation
L00-429	May 3, 2001	09848489	Dec 10, 2002	6493851	US	Issued	LSI Logic Corporation
L96-156/1C	Aug 6, 1997	08907183	Jan 30, 2001	6182269	US	Issued	LSI Logic Corporation
L99-094-JP	Aug 18, 2000	2000248741	Aug 24, 2012	5069387	JP	Issued	LSI Logic Corporation
L00-439	Oct 31, 2000	09703745	Jul 9, 2002	6417093	US	Issued	LSI Logic Corporation
L00-445	Feb 23, 2001	09792683	Jun 3, 2003	6572925	US	Issued	LSI Logic Corporation
L00-446	Feb 23, 2001	09792685	Feb 22, 2005	6858195	US	Issued	LSI Logic Corporation
L00-435	Nov 2, 2000	09705030	Sep 11, 2001	6288598	US	Issued	LSI Logic Corporation
L98-198/1C	Sep 24, 1999	09405805	May 1, 2001	6225215	US	Issued	LSI Logic Corporation
P-2597-DE	Dec 6, 1996	969444843	May 3, 2000	69608125.3	DE	Issued	LSI Logic Corporation
P-2597-GB	Dec 6, 1996	969444843	May 3, 2000	0871956	GB	Issued	LSI Logic Corporation
P-2597-FR	Dec 6, 1996	969444843	May 3, 2000	0871956	FR	Issued	LSI Logic Corporation
L00-452	Aug 29, 2001	09942390	Nov 22, 2005	6968409	US	Issued	LSI Logic Corporation
L00-453	Dec 29, 2000	09751760	Jan 13, 2004	6678625	US	Issued	LSI Logic Corporation
L00-454	Dec 12, 2000	09734999	Sep 18, 2001	6292409	US	Issued	LSI Logic Corporation
L00-444	Apr 13, 2001	09834368	Jan 13, 2004	6678809	US	Issued	LSI Logic Corporation
L00-456	Oct 23, 2000	09694534	Jul 8, 2003	6591264	US	Issued	LSI Logic Corporation
L00-457	May 11, 2001	09853562	Aug 3, 2004	6771843	US	Issued	LSI Logic Corporation
L00-463	Jun 26, 2001	09892241	Jul 1, 2003	6588003	US	Issued	LSI Logic Corporation
L00-438	Dec 29, 2000	09752357	Mar 5, 2002	6353568	US	Issued	LSI Logic Corporation
L00-464	Jul 30, 2001	09918183	Mar 23, 2004	6710616	US	Issued	LSI Logic Corporation
L00-465	Jun 21, 2001	09888302	Jun 8, 2004	6747464	US	Issued	LSI Logic Corporation
L00-466	Nov 30, 2000	09727043	Jan 14, 2003	6507524	US	Issued	LSI Logic Corporation
L00-473	Dec 14, 2000	09736989	Feb 10, 2004	6691275	US	Issued	LSI Logic Corporation
L00-475	Nov 27, 2000	09723095	Jun 24, 2003	6584551	US	Issued	LSI Logic Corporation
L00-479	Nov 30, 2000	09726819	Jan 17, 2006	6987543	US	Issued	LSI Logic Corporation
L00-480	Apr 30, 2001	09845909	Feb 17, 2004	6694410	US	Issued	LSI Logic Corporation
L00-483	May 31, 2001	09872246	Apr 11, 2006	7027451	US	Issued	LSI Logic Corporation
L00-487	Dec 4, 2000	09729508	Dec 6, 2005	6973561	US	Issued	LSI Logic Corporation
L00-488	Feb 15, 2001	09784587	Oct 26, 2004	6810460	US	Issued	LSI Logic Corporation
P-2920/1D-GB	Jun 10, 1997	00183798	Feb 14, 2001	2349252	GB	Issued	LSI Logic Corporation
L98-141-JP	Oct 6, 2000	2000307442	Aug 6, 2004	3583982	JP	Issued	LSI Logic Corporation
P-3403/1C	Apr 17, 1998	09062310	May 8, 2001	6230306	US	Issued	LSI Logic Corporation
L00-489	Nov 22, 2000	09721079	Jul 6, 2004	6760835	US	Issued	LSI Logic Corporation
L00-490	Aug 14, 2001	09929183	Mar 11, 2003	6531903	US	Issued	LSI Logic Corporation
L00-497	Oct 24, 2000	09695540	Dec 17, 2002	6496374	US	Issued	LSI Logic Corporation
L00-499	Feb 1, 2001	09773033	Oct 19, 2004	6807238	US	Issued	LSI Logic Corporation

LOO-501	Nov 29, 2000	09725631	Apr 29, 2003	6556021	US	Issued	LSI Logic Corporation
LOO-504	Mar 30, 2001	09822665	Aug 31, 2004	6785755	US	Issued	LSI Logic Corporation
A4-4265/1C	Jul 14, 1999	09353216	Jan 22, 2002	6341375	US	Issued	LSI Logic Corporation
P-3373/1C	Sep 3, 1998	09148028	Jan 22, 2002	6340434	US	Issued	LSI Logic Corporation
P-2519/1C	Mar 23, 1995	08409191	Feb 5, 2002	6345378	US	Issued	LSI Logic Corporation
L95-039/2C	Sep 5, 2000	09655201	Feb 5, 2002	6343519	US	Issued	LSI Logic Corporation
LOO-508	Apr 20, 2001	09839441	Dec 17, 2002	6496424	US	Issued	LSI Logic Corporation
LOO-510	Oct 2, 2000	09676909	Jun 29, 2004	6757327	US	Issued	LSI Logic Corporation
LOO-513	May 21, 2001	09862045	Dec 16, 2003	6664801	US	Issued	LSI Logic Corporation
LOO-515	May 31, 2001	09872058	Jun 24, 2003	6583026	US	Issued	LSI Logic Corporation
LOO-516	Jun 6, 2001	09876736	Aug 27, 2002	6442737	US	Issued	LSI Logic Corporation
LOO-517	Mar 12, 2001	09804118	Feb 12, 2002	6346721	US	Issued	LSI Logic Corporation
LOO-518	Feb 14, 2001	09783653	Aug 27, 2002	6442061	US	Issued	LSI Logic Corporation
LOO-519	Mar 8, 2001	09802043	Apr 8, 2003	6545288	US	Issued	LSI Logic Corporation
LOO-520	Mar 14, 2001	09808441	Dec 10, 2002	6492736	US	Issued	LSI Logic Corporation
LOO-522	Jun 27, 2001	09892250	May 6, 2003	6559033	US	Issued	LSI Logic Corporation
LOO-526	Feb 6, 2001	09777996	Apr 20, 2004	6724404	US	Issued	LSI Logic Corporation
LOO-531	Dec 4, 2000	09729020	Apr 2, 2002	6366508	US	Issued	LSI Logic Corporation
P-3620/1C	Feb 20, 1998	09027438	Jul 16, 2002	6421818	US	Issued	LSI Logic Corporation
LOO-468	Feb 14, 2001	09783690	Mar 5, 2002	6353338	US	Issued	LSI Logic Corporation
LOO-470	Feb 14, 2001	09782806	Jul 9, 2002	6417790	US	Issued	LSI Logic Corporation
P-2920/2D GB	Jun 10, 1997	00288563	May 2, 2001	2354354	GB	Issued	LSI Logic Corporation
L99-102-EPO	Oct 18, 2000	001226844			EP	Pending	LSI Logic Corporation
L99-102-JP	Oct 19, 2000	2000319053	Apr 28, 2011	4731670	JP	Issued	LSI Logic Corporation
L99-193	Dec 6, 2000	09730704	Jul 2, 2002	6413151	US	Issued	LSI Logic Corporation
P-2693/1P/1C	Dec 12, 1997	08991785	Jul 31, 2001	6269472	US	Issued	LSI Logic Corporation
A3-4318-JP	Oct 23, 2000	2000322452	Feb 27, 2004	3527700	JP	Issued	LSI Logic Corporation
A3-4318-EPO	Oct 18, 2000	001226885			EP	Pending	LSI Logic Corporation
A4-4104/1C	Jun 26, 1998	09105962	Nov 19, 2002	6483951	US	Issued	LSI Logic Corporation
P-3600/1C	Feb 20, 1998	09027283	Sep 25, 2001	6295636	US	Issued	LSI Logic Corporation
A3-4000/1C	Feb 20, 1998	09027429	Apr 23, 2002	6378123	US	Issued	LSI Logic Corporation
LOO-533	Mar 28, 2001	09820059	Nov 26, 2002	6487697	US	Issued	LSI Logic Corporation
LOO-534	Oct 8, 2001	09973267	Jul 20, 2004	6766406	US	Issued	LSI Logic Corporation
LOO-535	Jan 19, 2001	09766104	May 28, 2002	6396699	US	Issued	LSI Logic Corporation
L99-390/1C	Jun 27, 2000	09605382	Feb 12, 2002	6346488	US	Issued	LSI Logic Corporation
P-3490/1C	Nov 13, 2000	09712403	Apr 15, 2003	6549591	US	Issued	LSI Logic Corporation
C4-4130/1D	Oct 20, 2000	09693014	Jan 15, 2002	6338972	US	Issued	LSI Logic Corporation
P-3599/1C	Feb 20, 1998	09027520	Sep 18, 2001	6292931	US	Issued	LSI Logic Corporation
A1-4026/1C/1D	Nov 14, 2000	09714370	Mar 11, 2003	6532585	US	Issued	LSI Logic Corporation
P-3202/1D/1D	Nov 15, 2000	09713998	Dec 10, 2002	6493773	US	Issued	LSI Logic Corporation
P-3281/1C	Oct 14, 1997	08949875	Nov 20, 2001	6321026	US	Issued	LSI Logic Corporation
LOO-539	Nov 21, 2001	09991063	Jan 28, 2003	6513079	US	Issued	LSI Logic Corporation
LOO-540	Dec 21, 2001	10032188	Jul 6, 2004	6760803	US	Issued	LSI Logic Corporation
LOO-542	May 17, 2001	09860149	Aug 23, 2005	6934871	US	Issued	LSI Logic Corporation
LOO-550	Sep 25, 2001	09962645	Apr 13, 2004	6721826	US	Issued	LSI Logic Corporation
LOO-554	May 2, 2001	09848569	Oct 26, 2004	6810448	US	Issued	LSI Logic Corporation
LOO-555	Mar 28, 2001	09821226	Feb 1, 2005	6851079	US	Issued	LSI Logic Corporation
LOO-556	Apr 9, 2001	09829373	May 20, 2003	6567325	US	Issued	LSI Logic Corporation
LOO-564	Sep 20, 2001	09957106	Apr 6, 2004	6718405	US	Issued	LSI Logic Corporation
LOO-573	Jun 15, 2001	09882786	Nov 23, 2004	6822459	US	Issued	LSI Logic Corporation
LOO-574	Feb 28, 2001	09795770	Oct 14, 2003	6633832	US	Issued	LSI Logic Corporation
LOO-575	Dec 12, 2001	10012616	Jul 29, 2003	6601119	US	Issued	LSI Logic Corporation
LOO-580	May 24, 2001	09864760	Sep 30, 2003	6629229	US	Issued	LSI Logic Corporation
LOO-582	Jul 30, 2001	09918028	Jan 13, 2004	6678754	US	Issued	LSI Logic Corporation
LOO-585	Jul 20, 2001	09910658	May 4, 2004	6732198	US	Issued	LSI Logic Corporation
LOO-586	Jul 20, 2001	09910088	Mar 15, 2005	6868492	US	Issued	LSI Logic Corporation
LOO-587	May 30, 2001	09870136	Feb 1, 2005	6851007	US	Issued	LSI Logic Corporation
LOO-593	Feb 28, 2001	09795767	Apr 19, 2005	6882952	US	Issued	LSI Logic Corporation
LOO-608	Aug 10, 2001	09927662	Aug 9, 2005	6927932	US	Issued	LSI Logic Corporation
P-3322/1C	Dec 16, 1997	08991715	Jan 22, 2002	6341142	US	Issued	LSI Logic Corporation
LOO-623	Jan 31, 2001	09774501	Jun 8, 2004	6748469	US	Issued	LSI Logic Corporation
LOO-624	Jun 15, 2001	09882977	Feb 11, 2003	6518795	US	Issued	LSI Logic Corporation
LOO-626	May 2, 2001	09848758	Jan 7, 2003	6503840	US	Issued	LSI Logic Corporation
LOO-627	Mar 9, 2001	09802424	Feb 11, 2003	6518193	US	Issued	LSI Logic Corporation
LOO-628	Apr 26, 2001	09843443	Jul 1, 2003	6586825	US	Issued	LSI Logic Corporation
LOO-629	Dec 12, 2001	10017792	Feb 10, 2004	6691283	US	Issued	LSI Logic Corporation
LOO-630	Dec 12, 2001	10017802	Aug 23, 2005	6934733	US	Issued	LSI Logic Corporation
LOO-631	Mar 7, 2001	09801007	Feb 11, 2003	6518161	US	Issued	LSI Logic Corporation
L98-023/1C	Dec 15, 2000	09737504	Aug 7, 2001	6271911	US	Issued	LSI Logic Corporation
A1-4028/1C	Mar 3, 1998	09034544	Dec 24, 2002	6499003	US	Issued	LSI Logic Corporation
NM-002500/1C	Jan 6, 1999	09226440	Oct 16, 2001	6304071	US	Issued	LSI Logic Corporation
P-3400/1C	Apr 17, 1998	09062246	Jul 10, 2001	6260183	US	Issued	LSI Logic Corporation
P-3172/1C	Nov 20, 1997	08974846	Apr 3, 2001	6212655	US	Issued	LSI Logic Corporation
L96-010-GB	Jun 26, 1997	979293909	Apr 11, 2001	0908005	GB	Issued	LSI Logic Corporation
L96-010-DE	Jun 26, 1997	979293909	Apr 11, 2001	69704559.5	DE	Issued	LSI Logic Corporation
L96-010-FR	Jun 26, 1997	979293909	Apr 11, 2001	0908005	FR	Issued	LSI Logic Corporation
P-2891/1P/1C/1C	Nov 22, 1999	09444975	Sep 18, 2001	6292929	US	Issued	LSI Logic Corporation
LOO-641	Dec 11, 2001	10015255	May 13, 2003	6562735	US	Issued	LSI Logic Corporation
A2-4057/1C	Jan 16, 2001	09761306	Sep 30, 2003	6628730	US	Issued	LSI Logic Corporation
C1-4188/1C	Jan 19, 1999	09234422	Jul 17, 2001	6263299	US	Issued	LSI Logic Corporation
B3-4282/1C	Dec 16, 1998	09212450	Dec 11, 2001	6329720	US	Issued	LSI Logic Corporation
P-3397/1C	Apr 17, 1998	09062309	Nov 27, 2001	6324674	US	Issued	LSI Logic Corporation
LOO-643	Feb 23, 2001	09792691	Nov 18, 2003	6649219	US	Issued	LSI Logic Corporation
LOO-646	Apr 27, 2001	09844352	Jul 27, 2004	6767832	US	Issued	LSI Logic Corporation
LOO-647	Sep 10, 2001	09949974	Sep 19, 2006	7111319	US	Issued	LSI Logic Corporation
LOO-651	Mar 13, 2001	09804783	Jul 1, 2003	6586326	US	Issued	LSI Logic Corporation
LOO-652	May 25, 2001	09865900	Jan 14, 2003	6506670	US	Issued	LSI Logic Corporation
LOO-653	May 4, 2001	09849691	Jul 11, 2006	7076406	US	Issued	LSI Logic Corporation
LOO-656	Mar 28, 2001	09821555	Sep 6, 2005	6940982	US	Issued	LSI Logic Corporation
LOO-659	Jun 15, 2001	09883142	Jan 13, 2004	6678107	US	Issued	LSI Logic Corporation
LOO-660	Jun 15, 2001	09883141	Dec 30, 2003	6671777	US	Issued	LSI Logic Corporation
LOO-662	May 31, 2001	09870949	Nov 5, 2002	6476594	US	Issued	LSI Logic Corporation
LOO-663	May 30, 2001	09870851	May 6, 2003	6559048	US	Issued	LSI Logic Corporation
LOO-664	Mar 13, 2001	09804939	Jan 7, 2003	6505336	US	Issued	LSI Logic Corporation
P-3576/1C	May 22, 2001	09863736	Aug 8, 2006	7088792	US	Issued	LSI Logic Corporation
LOO-673	Jun 1, 2001	09872643	Jun 15, 2004	6751750	US	Issued	LSI Logic Corporation
LOO-676	Apr 11, 2001	09833142	Sep 17, 2002	6453453	US	Issued	LSI Logic Corporation
LOO-677	Mar 30, 2001	09822969	May 11, 2004	6735600	US	Issued	LSI Logic Corporation

L00-678	Jun 19, 2001	09885589	Apr 15, 2003	6550044	US	Issued	LSI Logic Corporation
L00-679	Apr 25, 2001	09841825	Apr 22, 2003	6553551	US	Issued	LSI Logic Corporation
L00-680	Apr 25, 2001	09842350	Oct 22, 2002	6470487	US	Issued	LSI Logic Corporation
L00-681	Apr 25, 2001	09841824	Oct 21, 2003	6637016	US	Issued	LSI Logic Corporation
L00-684	Jun 12, 2001	09879841	Mar 15, 2005	6868535	US	Issued	LSI Logic Corporation
L00-685	Apr 18, 2001	09837492	Feb 25, 2003	6526553	US	Issued	LSI Logic Corporation
L00-688	Apr 26, 2001	09844299	Mar 4, 2003	6529436	US	Issued	LSI Logic Corporation
L00-689	Nov 1, 2001	10007247	Jan 20, 2004	6678950	US	Issued	LSI Logic Corporation
P-2760/2D/1C	Mar 9, 1999	09265510	Aug 28, 2001	6282696	US	Issued	LSI Logic Corporation
L00-382	Sep 6, 2001	09948015	Jan 24, 2006	6990163	US	Issued	LSI Logic Corporation
PV-003	Feb 9, 2001	09779750	Oct 8, 2002	6463135	US	Issued	LSI Logic Corporation
PV-004	Feb 9, 2001	09779749	Aug 30, 2005	6937709	US	Issued	LSI Logic Corporation
PV-005	Feb 9, 2001	09779530	Mar 8, 2005	6865220	US	Issued	LSI Logic Corporation
PV-006	Feb 9, 2001	09779564	Aug 9, 2005	6927878	US	Issued	LSI Logic Corporation
P-3188/1C	May 28, 1998	09085774	Aug 28, 2001	6281759	US	Issued	LSI Logic Corporation
P-3402/1C	Apr 17, 1998	09062205	Sep 11, 2001	6289495	US	Issued	LSI Logic Corporation
L98-152/1D	Jan 4, 2001	09754429	Mar 12, 2002	6354908	US	Issued	LSI Logic Corporation
L00-332	Dec 19, 2000	09739956	Aug 16, 2005	6930688	US	Issued	LSI Logic Corporation
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P-2600-GB	Sep 11, 1996	969308881	Apr 11, 2001	0850480	GB	Issued	LSI Logic Corporation
P-2600-FR	Sep 11, 1996	969308881	Apr 11, 2001	0850480	FR	Issued	LSI Logic Corporation
P-2600-NL	Sep 11, 1996	969308881	Apr 11, 2001	0850480	NL	Issued	LSI Logic Corporation
L00-379	Jun 13, 2001	09880283	May 11, 2004	6735162	US	Issued	LSI Logic Corporation
L00-691	Jun 12, 2001	09879846	Aug 26, 2003	6611953	US	Issued	LSI Logic Corporation
P-3442/1C	Apr 17, 1998	09062418	Jul 31, 2001	6269469	US	Issued	LSI Logic Corporation
L00-340	May 9, 2001	09851860	Oct 5, 2004	6801925	US	Issued	LSI Logic Corporation
L00-392	May 29, 2001	09867052	Aug 24, 2004	6781932	US	Issued	LSI Logic Corporation
L00-692	Sep 28, 2001	09966867	May 10, 2005	6892277	US	Issued	LSI Logic Corporation
L00-693	Aug 6, 2001	09923155	Mar 1, 2005	6862671	US	Issued	LSI Logic Corporation
NM-002200/1C	Jan 22, 1998	09012076	Jul 24, 2001	6266381	US	Issued	LSI Logic Corporation
L96-068-DE	Sep 29, 1997	979098852	Sep 12, 2001	69706693.2	DE	Issued	LSI Logic Corporation
L96-068-GB	Sep 29, 1997	979098852	Sep 12, 2001	0929859	GB	Issued	LSI Logic Corporation
B3-4022/1D	Jan 19, 2001	09765827	Jan 6, 2004	6674166	US	Issued	LSI Logic Corporation
L00-509	Mar 23, 2001	09815519	Jul 6, 2004	6760873	US	Issued	LSI Logic Corporation
L00-284	Jun 29, 2001	09895668	Aug 26, 2003	6611951	US	Issued	LSI Logic Corporation
L00-077	Mar 21, 2001	09814417	Jan 18, 2005	6845348	US	Issued	LSI Logic Corporation
NM-001900-DE	Oct 24, 1996	963076971	Jun 27, 2001	69613536.1	DE	Issued	LSI Logic Corporation
NM-001900-IT	Oct 24, 1996	963076971	Jun 27, 2001	0772295	IT	Issued	LSI Logic Corporation
P-3148/2P/1C	Aug 29, 1997	08921400	Oct 30, 2001	6310918	US	Issued	LSI Logic Corporation
L00-042	Jun 4, 2001	09875314	Dec 31, 2002	6502222	US	Issued	LSI Logic Corporation
C2-4012/1C	Jun 5, 1998	09092389	Feb 19, 2002	6349331	US	Issued	LSI Logic Corporation
L01-001	May 31, 2001	09873043	May 13, 2003	6562700	US	Issued	LSI Logic Corporation
L01-003	Jun 27, 2001	09894210	Mar 11, 2003	6531932	US	Issued	LSI Logic Corporation
L01-006	Jun 1, 2001	09872327	Jul 8, 2003	6590292	US	Issued	LSI Logic Corporation
L01-007	Apr 20, 2001	09839925	Nov 12, 2002	6479319	US	Issued	LSI Logic Corporation
L01-012	Jun 11, 2001	09878604	Mar 13, 2007	7190751	US	Issued	LSI Logic Corporation
L01-009-JP	May 15, 2001	2001145237	Apr 28, 2011	4733857	JP	Issued	LSI Logic Corporation
L01-010-JP	Jun 6, 2001	2001170843	Jan 20, 2012	4906198	JP	Issued	LSI Logic Corporation
L01-011-JP	Jun 8, 2001	2001173886			JP	Pending	LSI Logic Corporation
L01-018	Jun 15, 2001	09882899	Jun 17, 2003	6581194	US	Issued	LSI Logic Corporation
L01-019	Nov 19, 2001	10001889	Apr 5, 2005	6877109	US	Issued	LSI Logic Corporation
P-3115/1C	May 28, 1998	09085717	May 28, 2002	6397117	US	Issued	LSI Logic Corporation
L01-021	Oct 23, 2001	10057359	Oct 3, 2006	7117323	US	Issued	LSI Logic Corporation
L01-032	Apr 27, 2001	09844361	Jan 28, 2003	6513148	US	Issued	LSI Logic Corporation
L01-027	Jun 12, 2001	09879845	Oct 15, 2002	6467067	US	Issued	LSI Logic Corporation
L01-028	May 4, 2001	09849919	Nov 26, 2002	6487698	US	Issued	LSI Logic Corporation
L01-029	May 4, 2001	09862000	Aug 31, 2004	6785699	US	Issued	LSI Logic Corporation
P-3544/1C/1C	Dec 22, 1997	08995950	May 15, 2001	6233656	US	Issued	LSI Logic Corporation
L01-026	Jun 12, 2001	09879664	Aug 23, 2005	6934410	US	Issued	LSI Logic Corporation
L01-030	May 31, 2001	09871129	Oct 8, 2002	6463572	US	Issued	LSI Logic Corporation
L01-023	Jun 15, 2001	09883139	Dec 7, 2004	6829657	US	Issued	LSI Logic Corporation
L01-017	Jun 19, 2001	09885497	Sep 9, 2003	6617251	US	Issued	LSI Logic Corporation
L01-035	May 8, 2001	09851181	May 9, 2006	7042899	US	Issued	LSI Logic Corporation
L01-036	May 8, 2001	09851504	Nov 18, 2008	7453899	US	Issued	LSI Logic Corporation
L01-040	May 15, 2001	09858166	Jan 14, 2003	6507939	US	Issued	LSI Logic Corporation
L01-044	Jun 13, 2001	09880491	Jun 11, 2002	6404700	US	Issued	LSI Logic Corporation
L01-045	Jun 13, 2001	09880675	Aug 9, 2005	6928598	US	Issued	LSI Logic Corporation
L01-047	Jul 17, 2001	09907202	Aug 20, 2002	6438046	US	Issued	LSI Logic Corporation
L01-048	Sep 7, 2001	09949399	Aug 21, 2007	7260758	US	Issued	LSI Logic Corporation
L01-050	Aug 2, 2001	09921350	Aug 16, 2005	6931560	US	Issued	LSI Logic Corporation
L01-051	Jul 25, 2001	09915237	Aug 13, 2002	6433598	US	Issued	LSI Logic Corporation
L01-053	Sep 19, 2001	09956302	Jul 11, 2006	7076699	US	Issued	LSI Logic Corporation
L01-054	Jun 4, 2001	09872582	Feb 27, 2007	7185243	US	Issued	LSI Logic Corporation
L01-057	Jun 27, 2001	09894643	Sep 30, 2003	6629309	US	Issued	LSI Logic Corporation
L00-507	Oct 23, 2001	10002672	Apr 19, 2005	6882609	US	Issued	LSI Logic Corporation
L01-059-JP	Jul 30, 2001	2001229857	Jan 25, 2013	5183840	JP	Issued	LSI Logic Corporation
DP-002-JP	May 24, 2000	2001500439	May 14, 2004	3553545	JP	Issued	LSI Logic Corporation
L00-383	May 22, 2001	09862531	Nov 16, 2004	6819224	US	Issued	LSI Logic Corporation
L00-387	Jun 18, 2001	09883761	Jun 14, 2005	6907553	US	Issued	LSI Logic Corporation
L00-391	Jun 22, 2001	09887838	Mar 11, 2003	6531916	US	Issued	LSI Logic Corporation
L00-350	Apr 16, 2001	09836075	Sep 21, 2004	6795874	US	Issued	LSI Logic Corporation
L00-342	May 9, 2001	09851712	Dec 2, 2003	6657636	US	Issued	LSI Logic Corporation
L00-360	May 21, 2001	09862261	Feb 28, 2006	7006586	US	Issued	LSI Logic Corporation
L94-6360-DE	Mar 15, 1996	963017991	Aug 8, 2001	69614291.0	DE	Issued	LSI Logic Corporation
L94-6360-FR	Mar 15, 1996	963017991	Aug 8, 2001	0732659	FR	Issued	LSI Logic Corporation
L94-6360-GB	Mar 15, 1996	963017991	Aug 8, 2001	0732659	GB	Issued	LSI Logic Corporation
L01-063	Jun 19, 2001	09884327	May 6, 2003	6559704	US	Issued	LSI Logic Corporation
L01-066	Sep 4, 2001	09946759	Aug 13, 2002	6434074	US	Issued	LSI Logic Corporation
L01-067	Jun 12, 2001	09879297	Aug 27, 2002	6442738	US	Issued	LSI Logic Corporation
L01-069	Sep 5, 2001	09946895	Apr 16, 2002	6372524	US	Issued	LSI Logic Corporation
P-3509/1C/1D	Feb 22, 2001	09790821	Nov 26, 2002	6486056	US	Issued	LSI Logic Corporation
L01-073	Oct 24, 2001	10014746	Jan 6, 2004	6675363	US	Issued	LSI Logic Corporation
L01-074	Aug 10, 2001	09927139	Jan 25, 2005	6847985	US	Issued	LSI Logic Corporation
L01-076	Jun 14, 2001	09881584	Jan 31, 2006	6993677	US	Issued	LSI Logic Corporation
L01-077	May 31, 2001	09871023	Apr 1, 2003	6542434	US	Issued	LSI Logic Corporation
L95-033-DE	Nov 11, 1996	963081450	Aug 22, 2001	69614635.5	DE	Issued	LSI Logic Corporation
L95-033-FR	Nov 11, 1996	963081450	Aug 22, 2001	0773497	FR	Issued	LSI Logic Corporation
L95-033-GB	Nov 11, 1996	963081450	Aug 22, 2001	0773497	GB	Issued	LSI Logic Corporation

L01-065	Jun 1, 2001	09872883	Nov 11, 2003	6647483	US	Issued	LSI Logic Corporation
L00-294	Apr 6, 2001	09827434	Apr 12, 2005	6880141	US	Issued	LSI Logic Corporation
L01-082	Aug 6, 2001	09923526	May 20, 2003	6566939	US	Issued	LSI Logic Corporation
P-2920/2D	Apr 5, 2001	09827992	Jun 25, 2002	6412066	US	Issued	LSI Logic Corporation
L00-413	Mar 30, 2001	09822041	Mar 21, 2006	7016447	US	Issued	LSI Logic Corporation
P-3441/1C	Nov 5, 1997	08964997	Sep 18, 2001	6292924	US	Issued	LSI Logic Corporation
L01-086	Apr 20, 2001	09839897	Dec 6, 2005	6973078	US	Issued	LSI Logic Corporation
L98-046/1C	Dec 11, 1998	09210184	Sep 11, 2001	6288773	US	Issued	LSI Logic Corporation
L01-089	Apr 27, 2001	09844531	Jul 22, 2003	6596579	US	Issued	LSI Logic Corporation
L00-492	Feb 14, 2001	09782842	Jul 9, 2002	6417708	US	Issued	LSI Logic Corporation
L01-090	May 4, 2001	09849640	Sep 16, 2003	6621299	US	Issued	LSI Logic Corporation
L00-491	Feb 14, 2001	09783231	Apr 23, 2002	6377079	US	Issued	LSI Logic Corporation
L01-091	Jun 13, 2001	09880291	Aug 8, 2006	7088979	US	Issued	LSI Logic Corporation
L01-095	Jun 12, 2001	09882404	May 20, 2003	6566171	US	Issued	LSI Logic Corporation
L01-098	Jul 17, 2001	09907424	Dec 3, 2002	6489231	US	Issued	LSI Logic Corporation
L01-099	Aug 13, 2001	09928570	Jun 1, 2004	6743725	US	Issued	LSI Logic Corporation
L01-100	Jun 14, 2001	09882124	Jan 7, 2003	6503828	US	Issued	LSI Logic Corporation
L01-101	Jun 20, 2001	09885299	Oct 1, 2002	6459049	US	Issued	LSI Logic Corporation
L01-102	Jun 20, 2001	09885491	Sep 3, 2002	6445066	US	Issued	LSI Logic Corporation
L01-104	Nov 18, 2002	10298971	Mar 1, 2005	6861748	US	Issued	LSI Logic Corporation
L01-108	May 4, 2001	09848942	Dec 31, 2002	6501318	US	Issued	LSI Logic Corporation
L01-110	Jun 29, 2001	09896958	Mar 19, 2002	6358806	US	Issued	LSI Logic Corporation
B3-4091/1C	Jun 18, 1998	09099287	Oct 16, 2001	6305001	US	Issued	LSI Logic Corporation
L01-121	Mar 30, 2001	09822112	Jan 17, 2006	6987817	US	Issued	LSI Logic Corporation
L01-122	Mar 30, 2001	09821886	Dec 20, 2005	6977975	US	Issued	LSI Logic Corporation
P-3547/1C	Jul 21, 1998	09119829	Sep 11, 2001	6289445	US	Issued	LSI Logic Corporation
L00-056	Jun 12, 2001	09879506	Feb 17, 2004	6694495	US	Issued	LSI Logic Corporation
B3-4150/1C	Mar 8, 2001	09802198	Nov 18, 2003	6651202	US	Issued	LSI Logic Corporation
L01-123	Nov 4, 2002	10287668	Dec 7, 2004	6828643	US	Issued	LSI Logic Corporation
L01-124	Nov 26, 2002	10304974	Mar 15, 2005	6867488	US	Issued	LSI Logic Corporation
L01-125	Jul 2, 2001	09898194	Jan 6, 2004	6673721	US	Issued	LSI Logic Corporation
L01-126	Jul 31, 2001	09919222	Aug 12, 2003	6606007	US	Issued	LSI Logic Corporation
L01-127	Oct 24, 2001	09999726	Apr 22, 2003	6552572	US	Issued	LSI Logic Corporation
A4-4112/1C	Jun 26, 1998	09105938	Oct 29, 2002	6473558	US	Issued	LSI Logic Corporation
L01-132	Aug 2, 2001	09920890	Jul 29, 2003	6601008	US	Issued	LSI Logic Corporation
L01-134	Jun 18, 2001	09884711	Jun 25, 2002	6411114	US	Issued	LSI Logic Corporation
L01-136	May 30, 2001	09866661	Aug 20, 2002	6438730	US	Issued	LSI Logic Corporation
L01-137	Aug 13, 2001	09928471	Mar 2, 2004	6701511	US	Issued	LSI Logic Corporation
L01-139	Jul 31, 2001	09918736	Jun 28, 2005	6912217	US	Issued	LSI Logic Corporation
L01-143	Jun 25, 2001	09888866	Nov 19, 2002	6483840	US	Issued	LSI Logic Corporation
L01-144	Sep 7, 2001	09948808	Apr 27, 2004	6727107	US	Issued	LSI Logic Corporation
L01-145	Aug 30, 2001	09943403	Feb 18, 2003	6521520	US	Issued	LSI Logic Corporation
L01-147	Mar 8, 2002	10094520	Nov 25, 2003	6654226	US	Issued	LSI Logic Corporation
L01-148	Aug 21, 2001	09934051	Dec 6, 2005	6973421	US	Issued	LSI Logic Corporation
L01-153	Jul 27, 2001	09916958	Sep 27, 2005	6951017	US	Issued	LSI Logic Corporation
L01-155	Aug 27, 2001	09940130	Feb 18, 2003	6519844	US	Issued	LSI Logic Corporation
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L01-158	Feb 25, 2002	10082737	Feb 14, 2006	7000163	US	Issued	LSI Logic Corporation
L01-160	May 25, 2001	09866525	Mar 22, 2005	6870928	US	Issued	LSI Logic Corporation
L01-161	Jun 8, 2001	09878142	Nov 29, 2005	6970515	US	Issued	LSI Logic Corporation
L01-162	Jun 15, 2001	09882499	Apr 20, 2004	6724219	US	Issued	LSI Logic Corporation
L01-164	Jun 15, 2001	09882497	Dec 24, 2002	6498534	US	Issued	LSI Logic Corporation
L01-165	Jun 13, 2001	09881570	Dec 31, 2002	6501409	US	Issued	LSI Logic Corporation
P-3149/1C/1C	Jul 31, 1997	08904085	Jan 7, 2003	6504871	US	Issued	LSI Logic Corporation
L01-167	Jun 14, 2001	09881365	Jun 25, 2002	6411145	US	Issued	LSI Logic Corporation
L01-177	Oct 2, 2001	09968009	Jun 14, 2005	6907586	US	Issued	LSI Logic Corporation
L01-180	Oct 2, 2001	09968008	Jun 14, 2005	6907590	US	Issued	LSI Logic Corporation
L01-181	Oct 15, 2001	09978141	Aug 16, 2005	6931606	US	Issued	LSI Logic Corporation
L01-185	Sep 7, 2001	09948190	Nov 25, 2003	6653726	US	Issued	LSI Logic Corporation
L01-187	Aug 28, 2001	09941359	Jul 1, 2003	6587991	US	Issued	LSI Logic Corporation
L01-188	Aug 7, 2001	09923657	Aug 20, 2002	6437431	US	Issued	LSI Logic Corporation
L00-351	May 31, 2001	09871177	Jan 27, 2004	6684301	US	Issued	LSI Logic Corporation
L01-190	Nov 19, 2001	10044215	Nov 18, 2003	6649537	US	Issued	LSI Logic Corporation
L01-191	Jun 12, 2001	09879416	May 9, 2006	7042971	US	Issued	LSI Logic Corporation
L01-198	Aug 9, 2001	09925694	Dec 17, 2002	6495426	US	Issued	LSI Logic Corporation
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L01-201	Sep 20, 2001	09957410	Mar 2, 2004	6701270	US	Issued	LSI Logic Corporation
L01-204	Jun 26, 2001	09891648	May 6, 2003	6559701	US	Issued	LSI Logic Corporation
L01-206	Jun 28, 2001	09896363	Nov 2, 2004	6812134	US	Issued	LSI Logic Corporation
L01-207	Aug 29, 2001	09942220	May 24, 2005	6898064	US	Issued	LSI Logic Corporation
L01-210	Aug 17, 2001	09932716	Jul 6, 2004	6759921	US	Issued	LSI Logic Corporation
L00-324	Apr 19, 2001	09838784	Aug 10, 2004	6774952	US	Issued	LSI Logic Corporation
L01-217	Sep 14, 2001	09952343	Sep 16, 2003	6620729	US	Issued	LSI Logic Corporation
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L01-221	Sep 27, 2001	09965292	Dec 26, 2006	7155537	US	Issued	LSI Logic Corporation
L01-225	Oct 5, 2001	09972100	Sep 14, 2004	6792579	US	Issued	LSI Logic Corporation
L01-228	Dec 18, 2001	10026154	Jan 20, 2004	6680629	US	Issued	LSI Logic Corporation
L01-231	Jun 27, 2001	09894618	Mar 11, 2003	6532577	US	Issued	LSI Logic Corporation
NM-002000-DE	Oct 24, 1996	963076963	Mar 7, 2001	69611967.6	DE	Issued	LSI Logic Corporation
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L01-234	Nov 30, 2001	10006398	Oct 26, 2004	6809824	US	Issued	LSI Logic Corporation
L01-237	Sep 19, 2001	09955698	Sep 30, 2003	6629304	US	Issued	LSI Logic Corporation
L01-240	Sep 17, 2001	09953842	Jul 1, 2003	6586970	US	Issued	LSI Logic Corporation
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L01-242	Jan 11, 2002	10044339	Dec 31, 2002	6501695	US	Issued	LSI Logic Corporation
L01-244	Sep 4, 2001	09946000	May 11, 2004	6735645	US	Issued	LSI Logic Corporation
L01-246-JP	Sep 17, 2001	2001281815	Aug 3, 2012	5051954	JP	Issued	LSI Logic Corporation
L01-250	Nov 27, 2001	09994517	Feb 3, 2004	6687183	US	Issued	LSI Logic Corporation
L01-253	Jun 29, 2001	09897828	Nov 5, 2002	6476631	US	Issued	LSI Logic Corporation
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L01-263	Feb 15, 2002	10077453	Oct 5, 2004	6801972	US	Issued	LSI Logic Corporation
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L01-270	Jul 2, 2002	10188880	May 25, 2004	6741096	US	Issued	LSI Logic Corporation

L01-271	Nov 9, 2001	09991238	Sep 2, 2003	6615326	US	Issued	LSI Logic Corporation
L01-272	Nov 9, 2001	09990698	Jul 15, 2003	6594748	US	Issued	LSI Logic Corporation
L01-273	Feb 6, 2002	10068680	Nov 19, 2002	6483753	US	Issued	LSI Logic Corporation
L01-275	May 8, 2002	10141998	Sep 28, 2004	6798186	US	Issued	LSI Logic Corporation
L01-276	Dec 5, 2001	10012986	Nov 11, 2003	6646929	US	Issued	LSI Logic Corporation
L01-277	Jun 10, 2002	10165920	Jul 29, 2003	6600681	US	Issued	LSI Logic Corporation
L01-278	Apr 18, 2002	10125675	Apr 11, 2006	7028238	US	Issued	LSI Logic Corporation
L01-279	Apr 29, 2002	10134957	Jul 12, 2005	6917561	US	Issued	LSI Logic Corporation
L01-280	Nov 27, 2001	09996122	May 25, 2004	6741522	US	Issued	LSI Logic Corporation
L01-283	Jun 10, 2002	10165921	Jun 21, 2005	6910087	US	Issued	LSI Logic Corporation
L01-284	Oct 22, 2001	10007245	Feb 14, 2006	6999542	US	Issued	LSI Logic Corporation
L01-287	May 20, 2002	10152265	Aug 30, 2005	6938113	US	Issued	LSI Logic Corporation
L01-295	Dec 5, 2001	10011796	Jun 20, 2006	7065683	US	Issued	LSI Logic Corporation
L01-296	Dec 31, 2001	10036695	Mar 30, 2004	6715024	US	Issued	LSI Logic Corporation
L01-297	Dec 21, 2001	10027936	Jul 12, 2005	6917998	US	Issued	LSI Logic Corporation
L01-299	Dec 12, 2001	10020407	Sep 7, 2004	6787379	US	Issued	LSI Logic Corporation
L98-243/1D	Jun 6, 2001	09876749	May 14, 2002	6387284	US	Issued	LSI Logic Corporation
L01-303	Jan 16, 2002	10047547	Dec 24, 2002	6498758	US	Issued	LSI Logic Corporation
L01-304	Jan 22, 2002	10055082	Mar 23, 2004	6710990	US	Issued	LSI Logic Corporation
L01-308	Jun 18, 2001	09883733	May 23, 2006	7050582	US	Issued	LSI Logic Corporation
L01-309	Nov 20, 2001	10015181	Jan 10, 2006	6986098	US	Issued	LSI Logic Corporation
L01-310	Aug 2, 2001	09921028	Sep 9, 2003	6617866	US	Issued	LSI Logic Corporation
L01-316	Oct 19, 2001	10033164	Jan 28, 2003	6511925	US	Issued	LSI Logic Corporation
L01-318	Sep 17, 2001	09953667	Apr 6, 2004	6718524	US	Issued	LSI Logic Corporation
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L01-320	Sep 20, 2001	09957232	Jul 1, 2003	6587017	US	Issued	LSI Logic Corporation
L98-156/1D	Jun 1, 2001	09872661	Mar 9, 2004	6704900	US	Issued	LSI Logic Corporation
L95-133/1P/1C	Mar 8, 1999	09264286	Nov 20, 2001	6319793	US	Issued	LSI Logic Corporation
L01-324	Aug 24, 2001	09938929	Nov 19, 2002	6483354	US	Issued	LSI Logic Corporation
L01-330	Aug 29, 2001	09942330	Aug 25, 2009	7578883	US	Issued	LSI Logic Corporation
L01-332	Aug 17, 2001	09932527	Apr 20, 2004	6723653	US	Issued	LSI Logic Corporation
L01-334	Aug 10, 2001	09928071	Mar 18, 2003	6534968	US	Issued	LSI Logic Corporation
L01-335	Sep 24, 2001	09962630	Mar 25, 2003	6538592	US	Issued	LSI Logic Corporation
L01-337	Feb 18, 2002	10078313	Dec 23, 2003	6667912	US	Issued	LSI Logic Corporation
L01-343	Oct 1, 2001	09968286	Dec 2, 2003	6657870	US	Issued	LSI Logic Corporation
L01-344	Sep 6, 2001	09947740	Jul 15, 2003	6593825	US	Issued	LSI Logic Corporation
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L01-349	Aug 28, 2001	09940754	Jan 3, 2006	6983299	US	Issued	LSI Logic Corporation
L01-356	Oct 31, 2001	10003823	Dec 23, 2003	6668359	US	Issued	LSI Logic Corporation
L01-358	Nov 13, 2001	09986912	Jul 15, 2003	6594805	US	Issued	LSI Logic Corporation
L01-359	Aug 29, 2001	09941540	Nov 29, 2005	6970516	US	Issued	LSI Logic Corporation
L01-362	May 9, 2002	10144101	May 24, 2005	6898767	US	Issued	LSI Logic Corporation
L01-367	Nov 21, 2001	10001839	Dec 17, 2002	6496517	US	Issued	LSI Logic Corporation
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L01-372	Oct 9, 2001	09973153	May 23, 2006	7051318	US	Issued	LSI Logic Corporation
CC-006	Nov 22, 1996	08755445	Oct 10, 2000	6130963	US	Issued	LSI Logic Corporation
CC-007	Nov 21, 1996	08755447	Oct 31, 2000	6141447	US	Issued	LSI Logic Corporation
CC-016	Sep 23, 1994	08311670	Oct 22, 1996	5568167	US	Issued	LSI Logic Corporation
CC-017	Feb 16, 1995	08389661	Jan 21, 1997	5596376	US	Issued	LSI Logic Corporation
CC-020/1D	Oct 24, 1995	08547166	Feb 18, 1997	5604540	US	Issued	LSI Logic Corporation
CC-024	Oct 23, 1995	08547038	May 27, 1997	5633687	US	Issued	LSI Logic Corporation
CC-026	Dec 26, 1995	08578815	Jul 22, 1997	5650860	US	Issued	LSI Logic Corporation
CC-027	Dec 26, 1995	08578231	Oct 28, 1997	5682204	US	Issued	LSI Logic Corporation
CC-028	Dec 26, 1995	08578811	Nov 11, 1997	5686963	US	Issued	LSI Logic Corporation
CC-030	Dec 8, 1995	08569782	May 26, 1998	5757435	US	Issued	LSI Logic Corporation
CC-031	Dec 26, 1995	08578813	Jun 2, 1998	5761398	US	Issued	LSI Logic Corporation
CC-032	Dec 26, 1995	08578812	Jun 9, 1998	5764293	US	Issued	LSI Logic Corporation
CC-034	Dec 26, 1995	08578228	Jun 23, 1998	5771316	US	Issued	LSI Logic Corporation
CC-035	Oct 11, 1996	08728678	Aug 4, 1998	5790842	US	Issued	LSI Logic Corporation
CC-036	Oct 11, 1996	08731218	Aug 11, 1998	5793427	US	Issued	LSI Logic Corporation
CC-037	May 23, 1996	08652231	Sep 1, 1998	5801778	US	Issued	LSI Logic Corporation
CC-038	Dec 26, 1995	08578229	Sep 1, 1998	5801779	US	Issued	LSI Logic Corporation
CC-041	Oct 11, 1994	08296387	Sep 29, 1998	5815646	US	Issued	LSI Logic Corporation
CC-042	Feb 28, 1996	08608039	Oct 13, 1998	5821991	US	Issued	LSI Logic Corporation
CC-043	Jul 18, 1997	08896483	Dec 8, 1998	5847761	US	Issued	LSI Logic Corporation
CC-044	Sep 11, 1996	08712128	Dec 8, 1998	5847772	US	Issued	LSI Logic Corporation
CC-045	Jul 18, 1997	08896482	Dec 29, 1998	5854658	US	Issued	LSI Logic Corporation
CC-047	Jun 25, 1997	08882518	Feb 2, 1999	5867437	US	Issued	LSI Logic Corporation
CC-048	May 28, 1992	07891507	Feb 9, 1999	5870497	US	Issued	LSI Logic Corporation
CC-049	Dec 26, 1995	08578230	Feb 16, 1999	5872598	US	Issued	LSI Logic Corporation
CC-050	Dec 26, 1995	08578814	Mar 2, 1999	5878166	US	Issued	LSI Logic Corporation
CC-051	Feb 20, 1997	08803287	Mar 16, 1999	5883679	US	Issued	LSI Logic Corporation
CC-052	Aug 21, 1997	08918524	Mar 23, 1999	5886657	US	Issued	LSI Logic Corporation
CC-053	Oct 11, 1996	08731343	Mar 30, 1999	5889949	US	Issued	LSI Logic Corporation
CC-055	Oct 24, 1995	08547177	May 4, 1999	5900865	US	Issued	LSI Logic Corporation
CC-056	Dec 4, 1996	08753963	May 18, 1999	5905542	US	Issued	LSI Logic Corporation
CC-057	Aug 26, 1997	08918344	Jun 1, 1999	5909187	US	Issued	LSI Logic Corporation
CC-058	Jun 23, 1997	08880357	Jun 8, 1999	5910909	US	Issued	LSI Logic Corporation
CC-059	Jan 11, 1996	08585109	Jul 6, 1999	5920572	US	Issued	LSI Logic Corporation
CC-060	Oct 11, 1996	08731217	Jul 13, 1999	5923385	US	Issued	LSI Logic Corporation
CC-061	Jun 18, 1997	08878381	Jul 20, 1999	5926220	US	Issued	LSI Logic Corporation
CC-062	Oct 11, 1996	08729547	Jul 20, 1999	5926647	US	Issued	LSI Logic Corporation
CC-063	Feb 28, 1996	08608038	Jul 27, 1999	5929902	US	Issued	LSI Logic Corporation
CC-064	Dec 26, 1995	08578227	Jul 27, 1999	5929916	US	Issued	LSI Logic Corporation
CC-065	Oct 11, 1996	08729545	Sep 14, 1999	5953691	US	Issued	LSI Logic Corporation
CC-066	Jul 11, 1997	08998924	Oct 12, 1999	5966687	US	Issued	LSI Logic Corporation
CC-067	Jan 14, 1998	09006761	Oct 26, 1999	5973758	US	Issued	LSI Logic Corporation
CC-068	Jul 22, 1997	08999763	Dec 21, 1999	6005621	US	Issued	LSI Logic Corporation
CC-069	Oct 14, 1997	08949991	Mar 28, 2000	6044206	US	Issued	LSI Logic Corporation
CC-071	Oct 11, 1996	08731285	Jul 11, 2000	6088355	US	Issued	LSI Logic Corporation
CC-072	Oct 2, 1998	09166012	Aug 1, 2000	6097439	US	Issued	LSI Logic Corporation
CC-073	Dec 31, 1997	09001393	Aug 22, 2000	6108039	US	Issued	LSI Logic Corporation
CC-074	Dec 4, 1998	09205555	Aug 22, 2000	6108394	US	Issued	LSI Logic Corporation
CC-075	Apr 20, 1999	09295610	Sep 5, 2000	6115076	US	Issued	LSI Logic Corporation
CC-076	Jan 14, 1998	09006760	Sep 5, 2000	6115499	US	Issued	LSI Logic Corporation
CC-078	Aug 4, 1998	09128730	Dec 31, 2002	6501799	US	Issued	LSI Logic Corporation
CC-080	Nov 13, 1998	09192102	May 27, 2003	6570990	US	Issued	LSI Logic Corporation
CC-081	Jun 29, 1999	09342842	Dec 18, 2001	6331874	US	Issued	LSI Logic Corporation

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CC-086		Oct 14, 1997	08950379		Jan 1, 2002	6335950	US	Issued	LSI Logic Corporation
CC-087		Dec 9, 1997	08987495		Oct 9, 2001	6301428	US	Issued	LSI Logic Corporation
CC-088		Oct 6, 1998	09168390		Feb 26, 2002	6351538	US	Issued	LSI Logic Corporation
CC-089		Apr 20, 1999	09295609		Nov 27, 2001	6323914	US	Issued	LSI Logic Corporation
CC-091		Sep 24, 1999	09405901		Jan 17, 2006	6987805	US	Issued	LSI Logic Corporation
CC-025-SG		Sep 23, 1995	95014163		Sep 28, 1998	33509	SG	Issued	LSI Logic Corporation
CC-072-MX		Oct 1, 1999	999014		Apr 7, 2003	213571	MX	Issued	LSI Logic Corporation
L01-376		Nov 28, 2001	09997071		Jul 27, 2004	6767692	US	Issued	LSI Logic Corporation
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L01-379		Nov 5, 2001	09993015		Sep 7, 2004	6788091	US	Issued	LSI Logic Corporation
L01-381		Oct 12, 2001	09975871		Apr 29, 2003	6555914	US	Issued	LSI Logic Corporation
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L98-058/1D		Jun 18, 2001	09884805		Feb 8, 2005	6852243	US	Issued	LSI Logic Corporation
P-3202/1D/1D/1D		Jun 14, 2001	09881512		Sep 2, 2003	6615296	US	Issued	LSI Logic Corporation
L01-427		Feb 1, 2002	10061519		Jun 22, 2004	6752916	US	Issued	LSI Logic Corporation
L01-431		Jun 25, 2002	10180661		Aug 10, 2004	6774057	US	Issued	LSI Logic Corporation
L01-433		Apr 17, 2003	10418236		May 30, 2006	7054988	US	Issued	LSI Logic Corporation
L01-435		Oct 24, 2001	10000597		May 31, 2005	6901544	US	Issued	LSI Logic Corporation
L01-442		Oct 2, 2001	09969377		Feb 22, 2005	6859886	US	Issued	LSI Logic Corporation
L01-446		Sep 28, 2001	09966651		May 18, 2004	6736953	US	Issued	LSI Logic Corporation
L01-447		Sep 10, 2001	09950008		Dec 16, 2003	6664633	US	Issued	LSI Logic Corporation
L01-459		Oct 26, 2001	10002831		Mar 4, 2003	6528423	US	Issued	LSI Logic Corporation
L01-471		Oct 18, 2001	10035704		Apr 27, 2004	6727177	US	Issued	LSI Logic Corporation
P-3378/1C		Apr 1, 1998	09053833		Mar 5, 2002	6353906	US	Issued	LSI Logic Corporation
L01-213		Jul 26, 2001	09915833		Apr 25, 2006	7035908	US	Issued	LSI Logic Corporation
L01-476		Nov 1, 2001	10036820		Oct 19, 2004	6807593	US	Issued	LSI Logic Corporation
L00-055		Jun 12, 2001	09879417		Sep 10, 2002	6449751	US	Issued	LSI Logic Corporation
L01-484		Dec 2, 2002	10307666		Jan 11, 2005	6842821	US	Issued	LSI Logic Corporation
L01-488		Oct 30, 2001	10021414		Nov 25, 2003	6654946	US	Issued	LSI Logic Corporation
L01-489		Oct 30, 2001	10021619		Sep 14, 2004	6792584	US	Issued	LSI Logic Corporation
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L01-497		Jul 30, 2001	09918012		Feb 4, 2003	6516387	US	Issued	LSI Logic Corporation
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L01-506		Oct 10, 2001	09974008		Dec 2, 2003	6658361	US	Issued	LSI Logic Corporation
L01-508		Oct 25, 2001	10035501		Jun 1, 2004	6743474	US	Issued	LSI Logic Corporation
L01-510		Oct 2, 2001	09968944		Oct 29, 2002	6472314	US	Issued	LSI Logic Corporation
L01-511		Oct 10, 2001	09974251		Feb 4, 2003	6513376	US	Issued	LSI Logic Corporation
L01-513		Nov 1, 2001	10004461		May 20, 2003	6566262	US	Issued	LSI Logic Corporation
L01-514		Oct 3, 2001	09970392		Nov 11, 2003	6647348	US	Issued	LSI Logic Corporation
L00-523/1C		Jun 12, 2001	09879380		Sep 2, 2003	6615397	US	Issued	LSI Logic Corporation
NM-002000-IT		Oct 24, 1996	963076963		Mar 7, 2001	0772294	IT	Issued	LSI Logic Corporation
L01-518		Dec 4, 2001	10007405		Mar 25, 2003	6537896	US	Issued	LSI Logic Corporation
L01-520		Jan 16, 2002	10047616		Dec 23, 2003	6667636	US	Issued	LSI Logic Corporation
L01-521		Jan 16, 2002	10047546		Feb 28, 2006	7007111	US	Issued	LSI Logic Corporation
L01-522		Jan 16, 2002	10047615		Nov 25, 2003	6653859	US	Issued	LSI Logic Corporation
L01-523		Nov 21, 2001	09994082		Apr 27, 2004	6728789	US	Issued	LSI Logic Corporation
L01-530		Nov 30, 2001	09997889		Feb 10, 2004	6691184	US	Issued	LSI Logic Corporation
L01-531		Nov 16, 2001	09994090		Oct 18, 2005	6957279	US	Issued	LSI Logic Corporation
L01-533		Oct 31, 2001	09998738		Aug 31, 2004	6785750	US	Issued	LSI Logic Corporation
L01-534		Oct 31, 2001	09999375		Feb 7, 2006	6996629	US	Issued	LSI Logic Corporation
L00-634/RCE		Jun 12, 2001	09879642		Dec 17, 2002	6495312	US	Issued	LSI Logic Corporation
L00-455/1C		Jun 12, 2001	09879643		Mar 9, 2004	6704915	US	Issued	LSI Logic Corporation
L01-535		Oct 26, 2001	10002981		Sep 2, 2003	6613665	US	Issued	LSI Logic Corporation
L01-536		Nov 29, 2001	09997888		Feb 28, 2006	7006962	US	Issued	LSI Logic Corporation
L01-545		Nov 7, 2001	10045889		Jan 18, 2005	6845412	US	Issued	LSI Logic Corporation
L01-546		Sep 24, 2001	09961596		Mar 14, 2006	7012974	US	Issued	LSI Logic Corporation
L01-547		Nov 16, 2001	09992041		Nov 5, 2002	6476737	US	Issued	LSI Logic Corporation
B2-4038/1C/RCE		Jun 10, 1998	09095182		Jun 11, 2002	6404276	US	Issued	LSI Logic Corporation
L01-549		Dec 27, 2001	10034535		Feb 10, 2004	6691288	US	Issued	LSI Logic Corporation
L01-555		Nov 14, 2001	09991202		Feb 21, 2006	7001823	US	Issued	LSI Logic Corporation
L01-558		Jul 8, 2003	10615558		Jan 24, 2006	6989331	US	Issued	LSI Logic Corporation
L01-559		Nov 16, 2001	09992043		Feb 28, 2006	7007201	US	Issued	LSI Logic Corporation
L01-561		Dec 13, 2001	10023311		Jul 8, 2003	6590409	US	Issued	LSI Logic Corporation
L01-563		Nov 30, 2001	10006540		Apr 22, 2003	6551901	US	Issued	LSI Logic Corporation
L00-230-JP		Sep 3, 2001	2001265389		Sep 7, 2012	5079194	JP	Issued	LSI Logic Corporation
L01-326		Sep 12, 2001	09951939		Oct 4, 2005	6952789	US	Issued	LSI Logic Corporation
L01-567		Nov 8, 2001	10045473		Nov 11, 2003	6647538	US	Issued	LSI Logic Corporation
L01-569		Oct 22, 2001	10044864		Oct 3, 2006	7115991	US	Issued	LSI Logic Corporation
L96-157/1C		Jul 23, 2001	09911209		Jul 1, 2003	6587098	US	Issued	LSI Logic Corporation
L98-105/RCE		Dec 8, 1998	09207878		Apr 9, 2002	6370492	US	Issued	LSI Logic Corporation
L01-571		Oct 25, 2001	09999330		Jan 30, 2007	7170901	US	Issued	LSI Logic Corporation
L01-322		Oct 11, 2001	09975293		Oct 3, 2006	7117420	US	Issued	LSI Logic Corporation
L98-118/RCE		Dec 11, 1998	09209855		Oct 16, 2001	6303899	US	Issued	LSI Logic Corporation
L01-572		Nov 15, 2001	10002479		Nov 23, 2004	6823487	US	Issued	LSI Logic Corporation
L01-573		Sep 11, 2001	09952790		Nov 15, 2005	6964924	US	Issued	LSI Logic Corporation
L01-574		Jan 22, 2002	10054286		Nov 27, 2007	7302160	US	Issued	LSI Logic Corporation
B3-4155/1C		May 26, 1999	09320013		Feb 12, 2002	6347026	US	Issued	LSI Logic Corporation
A4-4265/1C/1C		Jul 30, 2001	09918232		Aug 25, 2009	7581239	US	Issued	LSI Logic Corporation
L99-369		Sep 26, 2001	09964030		Mar 28, 2006	7020589	US	Issued	LSI Logic Corporation
L01-579		Sep 26, 2002	10255912		Apr 17, 2007	7206891	US	Issued	LSI Logic Corporation
L99-019/1C		Jun 15, 2000	09596039		Aug 13, 2002	6431432	US	Issued	LSI Logic Corporation
L01-580		Jan 18, 2002	10051445		Jan 2, 2007	7158772	US	Issued	LSI Logic Corporation
L01-581		Sep 18, 2001	09955399		Apr 22, 2003	6552612	US	Issued	LSI Logic Corporation
L01-582		Oct 25, 2001	10033158		Aug 6, 2002	6429721	US	Issued	LSI Logic Corporation
L01-583		Oct 25, 2001	10033354		May 20, 2003	6566951	US	Issued	LSI Logic Corporation
L01-584		Apr 29, 2002	10134740		May 25, 2004	6741670	US	Issued	LSI Logic Corporation
L01-585		May 10, 2002	10143155		May 26, 2009	7539680	US	Issued	LSI Logic Corporation
L01-587		Oct 17, 2001	09981474		Mar 7, 2006	7010714	US	Issued	LSI Logic Corporation
L01-594		Sep 26, 2001	09964157		Sep 16, 2003	6621146	US	Issued	LSI Logic Corporation
L01-595		Nov 21, 2001	09994083		Apr 15, 2003	6549062	US	Issued	LSI Logic Corporation

L01-597	Nov 2, 2001	10053537	Jan 6, 2004	6673498	US	Issued	LSI Logic Corporation
A2-4059	Sep 28, 2001	09966327	May 9, 2006	7043670	US	Issued	LSI Logic Corporation
L01-598	Dec 5, 2001	10011153	Mar 28, 2006	7020277	US	Issued	LSI Logic Corporation
L01-599	Nov 29, 2001	09998671	Dec 24, 2002	6498521	US	Issued	LSI Logic Corporation
L01-600	Jan 11, 2002	10044155	Sep 26, 2006	7114135	US	Issued	LSI Logic Corporation
P-3324/1C	Mar 9, 1998	09036897	Dec 11, 2001	6330591	US	Issued	LSI Logic Corporation
L01-609	May 15, 2003	10438584	Oct 19, 2010	7817721	US	Issued	LSI Logic Corporation
CC-087/1D	Aug 8, 2001	09925089	Jul 22, 2003	6597858	US	Issued	LSI Logic Corporation
CC-087/2D	Aug 7, 2001	09925088	Apr 20, 2004	6724977	US	Issued	LSI Logic Corporation
P-3328/1C	Jan 15, 1998	09007490	Dec 18, 2001	6331999	US	Issued	LSI Logic Corporation
L01-638	Oct 31, 2001	10000716	Oct 14, 2003	6633944	US	Issued	LSI Logic Corporation
L01-639	Aug 28, 2002	10229745	Feb 14, 2006	7000045	US	Issued	LSI Logic Corporation
L01-642	Nov 19, 2001	10001875	Dec 13, 2005	6976263	US	Issued	LSI Logic Corporation
L01-643	Nov 14, 2001	09991187	Dec 16, 2003	6664141	US	Issued	LSI Logic Corporation
L01-644	Dec 21, 2001	10027311	Sep 6, 2005	6941494	US	Issued	LSI Logic Corporation
L01-645	Oct 30, 2001	10001518	May 10, 2005	6892312	US	Issued	LSI Logic Corporation
L01-650	Nov 26, 2001	09994459	Jun 1, 2004	6745314	US	Issued	LSI Logic Corporation
L01-651	Dec 3, 2001	10005062	Jul 27, 2004	6769107	US	Issued	LSI Logic Corporation
L01-652	Nov 30, 2001	09997757	Jun 1, 2004	6745358	US	Issued	LSI Logic Corporation
L01-653	Jan 24, 2002	10056166	May 6, 2008	7369743	US	Issued	LSI Logic Corporation
L01-655	Feb 15, 2002	10077351	Aug 26, 2003	6611214	US	Issued	LSI Logic Corporation
L00-420/1C	Sep 28, 2001	09965947	Apr 2, 2002	6366530	US	Issued	LSI Logic Corporation
L01-658	Nov 28, 2001	09996042	Aug 10, 2004	6775798	US	Issued	LSI Logic Corporation
L01-660	Feb 15, 2002	10077066	May 9, 2006	7043718	US	Issued	LSI Logic Corporation
L01-663	Oct 4, 2001	09971329	Oct 29, 2002	6472316	US	Issued	LSI Logic Corporation
L01-668	Oct 16, 2001	09981154	Jul 1, 2003	6586332	US	Issued	LSI Logic Corporation
L01-669	Oct 26, 2001	10015076	May 10, 2005	6892258	US	Issued	LSI Logic Corporation
L01-348	Apr 23, 2002	10128534	Aug 10, 2004	6775630	US	Issued	LSI Logic Corporation
A4-4098/1C	Jun 26, 1998	09105669	May 27, 2003	6570626	US	Issued	LSI Logic Corporation
L01-672	Oct 19, 2001	10008170	Mar 16, 2004	6706583	US	Issued	LSI Logic Corporation
C4-4127/1C	Jun 29, 1998	09106890	Nov 12, 2002	6480989	US	Issued	LSI Logic Corporation
L98-029/RCE	Dec 17, 1998	09213948	Mar 4, 2003	6528389	US	Issued	LSI Logic Corporation
L98-142/RCE	Dec 15, 1998	09212315	Mar 19, 2002	6358819	US	Issued	LSI Logic Corporation
L01-675	Mar 8, 2002	10094549	Sep 23, 2003	6623992	US	Issued	LSI Logic Corporation
L01-676	Dec 10, 2001	10021606	Aug 30, 2005	6938241	US	Issued	LSI Logic Corporation
L98-179/1D/1C	Dec 31, 1998	09224259	Sep 10, 2002	6449666	US	Issued	LSI Logic Corporation
CC-077/1C	Apr 3, 1997	08828807	Apr 9, 2002	6370323	US	Issued	LSI Logic Corporation
CC-084-MX	Sep 4, 2000	PAA2000008659	Apr 12, 2007	244948	MX	Issued	LSI Logic Corporation
L01-680	Dec 31, 2001	10039083	Jul 1, 2003	6587390	US	Issued	LSI Logic Corporation
CC-081/1C	Sep 28, 2001	09965948	Jan 28, 2003	6512550	US	Issued	LSI Logic Corporation
L01-682	Dec 2, 2002	10307625	May 31, 2005	6901490	US	Issued	LSI Logic Corporation
L01-683	Nov 2, 2001	10002499	Dec 13, 2005	6976198	US	Issued	LSI Logic Corporation
L01-684	Oct 5, 2001	09972330	Sep 19, 2006	7111301	US	Issued	LSI Logic Corporation
L01-687	Oct 23, 2001	10002413	Sep 16, 2003	6621404	US	Issued	LSI Logic Corporation
L01-688	Feb 21, 2002	10080219	Jan 23, 2007	7167469	US	Issued	LSI Logic Corporation
L01-202/1P	Aug 17, 2001	09932307	May 13, 2003	6563198	US	Issued	LSI Logic Corporation
L01-693	Feb 2, 2001	09776000	Nov 18, 2003	6649451	US	Issued	LSI Logic Corporation
L01-694	Dec 11, 2001	10013572	Sep 2, 2003	6614093	US	Issued	LSI Logic Corporation
L01-696	Mar 25, 2002	10105579	Jun 7, 2005	6904586	US	Issued	LSI Logic Corporation
L99-103/1C	Jan 21, 2000	09489302	Apr 9, 2002	6369448	US	Issued	LSI Logic Corporation
L01-698	Apr 29, 2002	10134741	Jul 5, 2005	6915318	US	Issued	LSI Logic Corporation
L01-699	Feb 27, 2002	10085662	Nov 2, 2004	6813483	US	Issued	LSI Logic Corporation
L98-242/1D	Sep 6, 2001	09948160	Nov 12, 2002	6480643	US	Issued	LSI Logic Corporation
L01-701	Dec 19, 2001	10023742	Jul 1, 2003	6586968	US	Issued	LSI Logic Corporation
L01-702	Dec 23, 2002	10328568	Apr 5, 2005	6877082	US	Issued	LSI Logic Corporation
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L01-709	Oct 25, 2001	10033090	Nov 16, 2004	6817941	US	Issued	LSI Logic Corporation
L01-711	Nov 1, 2001	10003763	Aug 13, 2002	6433625	US	Issued	LSI Logic Corporation
L01-712	Oct 18, 2001	10000243	Dec 9, 2003	6662287	US	Issued	LSI Logic Corporation
L01-715	Apr 10, 2002	10119821	Apr 4, 2006	7024641	US	Issued	LSI Logic Corporation
L01-716	Dec 17, 2001	10024054	Aug 3, 2004	6769923	US	Issued	LSI Logic Corporation
L01-719	Nov 9, 2001	10039508	Jan 11, 2005	6841308	US	Issued	LSI Logic Corporation
L99-047/1D	Sep 21, 2001	09960765	Jan 7, 2003	6504219	US	Issued	LSI Logic Corporation
CC-101	Oct 11, 1996	08729544	Oct 30, 2001	6311204	US	Issued	LSI Logic Corporation
L98-080/1D	Sep 14, 2001	09952540	Sep 21, 2004	6794310	US	Issued	LSI Logic Corporation
L01-724	Oct 17, 2001	09981200	Jun 15, 2004	6750668	US	Issued	LSI Logic Corporation
L01-731	Dec 12, 2001	10021829	Jun 3, 2003	6573523	US	Issued	LSI Logic Corporation
L01-732	Apr 30, 2003	10427609	Jul 25, 2006	7082584	US	Issued	LSI Logic Corporation
L99-373	Sep 26, 2001	09964011	Nov 4, 2003	6643832	US	Issued	LSI Logic Corporation
L01-747	Mar 1, 2002	10087111	Apr 11, 2006	7027526	US	Issued	LSI Logic Corporation
L97-141/1C/RCE	Mar 31, 1998	09052793	Mar 19, 2002	6358837	US	Issued	LSI Logic Corporation
L01-751	Feb 7, 2002	10067299	Sep 16, 2003	6621134	US	Issued	LSI Logic Corporation
L01-753	Feb 27, 2002	10086232	Dec 9, 2003	6662349	US	Issued	LSI Logic Corporation
L01-755	Mar 25, 2002	10107496	Jul 1, 2003	6586969	US	Issued	LSI Logic Corporation
L01-756	Nov 27, 2001	09994567	Dec 30, 2003	6671865	US	Issued	LSI Logic Corporation
L01-758	Dec 6, 2001	10006162	Jan 11, 2005	6842829	US	Issued	LSI Logic Corporation
L99-282/RCE	Jan 6, 2000	09478972	Aug 6, 2002	6429534	US	Issued	LSI Logic Corporation
L01-765	Dec 13, 2001	10020327	Dec 17, 2002	6496043	US	Issued	LSI Logic Corporation
L99-387/1D	Oct 9, 2001	09974157	Sep 16, 2003	6618938	US	Issued	LSI Logic Corporation
L01-772	Dec 17, 2001	10023101	May 4, 2004	6732201	US	Issued	LSI Logic Corporation
L01-776	Dec 17, 2001	10022051	May 31, 2005	6901551	US	Issued	LSI Logic Corporation
L00-260/1D	Oct 22, 2001	10012835	Dec 17, 2002	6495881	US	Issued	LSI Logic Corporation
L01-784	Dec 19, 2001	10025123	Dec 2, 2003	6658628	US	Issued	LSI Logic Corporation
L01-785	Feb 20, 2002	10082027	Jan 6, 2004	6674176	US	Issued	LSI Logic Corporation
L01-792	Dec 20, 2001	10028836	May 13, 2003	6564313	US	Issued	LSI Logic Corporation
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L01-794	Nov 13, 2001	10008089	Nov 18, 2003	6651239	US	Issued	LSI Logic Corporation
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L01-797	Apr 1, 2002	10113404	Apr 6, 2004	6717483	US	Issued	LSI Logic Corporation
L01-804	Aug 20, 2002	10224025	Jan 20, 2004	6764389	US	Issued	LSI Logic Corporation
L01-806	Jul 15, 2002	10195250	Jul 27, 2004	6682947	US	Issued	LSI Logic Corporation
L01-807	Dec 12, 2001	10020764	May 13, 2008	7371659	US	Issued	LSI Logic Corporation
L01-813	Jun 10, 2002	10166868	Aug 28, 2007	7263280	US	Issued	LSI Logic Corporation
L99-099/RCE	Dec 16, 1999	09465131	Nov 8, 2005	6962437	US	Issued	LSI Logic Corporation
L01-819	Jan 30, 2002	10060526	Mar 22, 2005	6871316	US	Issued	LSI Logic Corporation
L01-820	Jan 24, 2002	10057863	Aug 3, 2004	6772289	US	Issued	LSI Logic Corporation
L01-822	Dec 21, 2001	10036621	Aug 30, 2005	6935933	US	Issued	LSI Logic Corporation
L01-825	Aug 27, 2002	10228390	Apr 24, 2007	7210063	US	Issued	LSI Logic Corporation

L99-103/1C/1D	Nov 5, 2001	09993466	May 6, 2003	6558978	US	Issued	LSI Logic Corporation
L01-829	Jun 5, 2002	10164240	Jun 14, 2005	6907491	US	Issued	LSI Logic Corporation
L01-830	Jul 2, 2002	10188882	May 10, 2005	6892289	US	Issued	LSI Logic Corporation
L01-831	Jun 5, 2002	10164332	Jan 10, 2006	6985985	US	Issued	LSI Logic Corporation
L99-075/RCE	Nov 16, 1999	09441543	May 6, 2003	6559670	US	Issued	LSI Logic Corporation
L00-216/RCE	Jun 12, 2000	09591972	Jul 23, 2002	6424200	US	Issued	LSI Logic Corporation
L01-834	Jan 14, 2002	10047960	Aug 5, 2003	6603356	US	Issued	LSI Logic Corporation
L01-837	Feb 1, 2002	10061518	Sep 9, 2003	6617181	US	Issued	LSI Logic Corporation
L01-840	Aug 23, 2001	09938081	Aug 14, 2007	7256517	US	Issued	LSI Logic Corporation
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L01-843	Feb 19, 2002	10079026	Feb 14, 2006	6999132	US	Issued	LSI Logic Corporation
L01-844	Apr 19, 2002	10126564	Sep 2, 2003	6614283	US	Issued	LSI Logic Corporation
L01-849	Dec 18, 2001	10026305	Jul 19, 2005	6920578	US	Issued	LSI Logic Corporation
L01-858	Dec 20, 2001	10027642	Jan 18, 2005	6845495	US	Issued	LSI Logic Corporation
P-3368/RCE	Aug 20, 1999	09377999	Jun 4, 2002	6399964	US	Issued	LSI Logic Corporation
L01-861	Jan 29, 2002	10060002	Mar 23, 2004	6710851	US	Issued	LSI Logic Corporation
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L01-869	Jan 31, 2002	10066270	Jan 1, 2008	7315976	US	Issued	LSI Logic Corporation
L01-873	May 2, 2002	10137015	Mar 7, 2006	7010046	US	Issued	LSI Logic Corporation
L95-021-DE	May 21, 1996	963036322	Oct 24, 2001	69616148.6	DE	Issued	LSI Logic Corporation
L95-021-FR	May 21, 1996	963036322	Oct 24, 2001	0744696	FR	Issued	LSI Logic Corporation
L95-021-GB	May 21, 1996	963036322	Oct 24, 2001	0744696	GB	Issued	LSI Logic Corporation
L95-133/1P/1C/1D	Nov 9, 2001	09991277	Apr 26, 2005	6885078	US	Issued	LSI Logic Corporation
L99-262/1C	May 22, 2000	09575585	Mar 19, 2002	6359486	US	Issued	LSI Logic Corporation
L01-881	Aug 30, 2002	10232289	Mar 14, 2006	7013356	US	Issued	LSI Logic Corporation
L01-883	Mar 27, 2002	10109113	Mar 2, 2004	6701493	US	Issued	LSI Logic Corporation
C2-4012/1C/1C	Dec 7, 2001	10021511	Apr 19, 2005	6883025	US	Issued	LSI Logic Corporation
L01-887	Oct 8, 2002	10266232	Jan 3, 2006	6983342	US	Issued	LSI Logic Corporation
L01-889	Feb 15, 2002	10077497	Oct 28, 2003	6638776	US	Issued	LSI Logic Corporation
L01-895	Jan 29, 2002	10059480	Jun 29, 2004	6757881	US	Issued	LSI Logic Corporation
L96-032-FR	Jun 23, 1997	979272986	Oct 24, 2001	0908013	FR	Issued	LSI Logic Corporation
L96-032-GB	Jun 23, 1997	979272986	Oct 24, 2001	0908013	GB	Issued	LSI Logic Corporation
L96-032-NL	Jun 23, 1997	979272986	Oct 24, 2001	0908013	NL	Issued	LSI Logic Corporation
L96-032-DE	Jun 23, 1997	979272986	Oct 24, 2001	69707677.6	DE	Issued	LSI Logic Corporation
L01-899	Apr 15, 2002	10123263	Nov 7, 2006	7132336	US	Issued	LSI Logic Corporation
L01-904	Aug 5, 2002	10212448	Mar 2, 2004	6700207	US	Issued	LSI Logic Corporation
L01-905	Nov 13, 2002	10293458	Mar 1, 2005	6861183	US	Issued	LSI Logic Corporation
L01-908	Oct 30, 2002	10284008	Nov 8, 2005	6964002	US	Issued	LSI Logic Corporation
L01-916	Jul 1, 2002	10185537	Mar 2, 2004	6699766	US	Issued	LSI Logic Corporation
L01-921	Jan 23, 2002	10055812	Aug 12, 2003	6605954	US	Issued	LSI Logic Corporation
L01-922	Feb 26, 2002	10083214	Jan 17, 2006	6988149	US	Issued	LSI Logic Corporation
L01-926	Feb 27, 2002	10083411	Jun 29, 2004	6757877	US	Issued	LSI Logic Corporation
L01-932	Sep 23, 2002	10252488	Jun 8, 2004	6747473	US	Issued	LSI Logic Corporation
L01-933	Jun 10, 2002	10166309	Aug 2, 2005	6924689	US	Issued	LSI Logic Corporation
L01-934	Nov 7, 2002	10289949	Oct 12, 2004	6803801	US	Issued	LSI Logic Corporation
L01-936	Feb 15, 2002	10078233	Dec 14, 2004	6830984	US	Issued	LSI Logic Corporation
L01-941	May 8, 2002	10141252	Nov 9, 2004	6815812	US	Issued	LSI Logic Corporation
L01-942	May 8, 2002	10140965	Jul 27, 2004	6768142	US	Issued	LSI Logic Corporation
L01-943	May 8, 2002	10140967	Jan 27, 2004	6683476	US	Issued	LSI Logic Corporation
L95-045-DE	Jul 23, 1996	963053962	Nov 14, 2001	69616893.6	DE	Issued	LSI Logic Corporation
L01-947	May 3, 2002	10138609	May 20, 2003	6566244	US	Issued	LSI Logic Corporation
L01-949	Jun 4, 2002	10163208	Dec 7, 2004	6829754	US	Issued	LSI Logic Corporation
L01-956	Feb 25, 2002	10082687	Apr 25, 2006	7035844	US	Issued	LSI Logic Corporation
L01-957	May 7, 2002	10140536	Oct 7, 2003	6630411	US	Issued	LSI Logic Corporation
L01-961	Jun 4, 2002	10162504	Jun 19, 2007	7233604	US	Issued	LSI Logic Corporation
L00-460/1C	Dec 20, 2001	10027182	Aug 10, 2004	6774730	US	Issued	LSI Logic Corporation
L01-963	Mar 14, 2002	10097419	Nov 2, 2004	6813758	US	Issued	LSI Logic Corporation
L01-964	Feb 7, 2002	10072008	Mar 2, 2004	6701503	US	Issued	LSI Logic Corporation
L01-965	May 3, 2002	10138742	Sep 30, 2003	6627466	US	Issued	LSI Logic Corporation
L01-966	Dec 20, 2001	10027720	Aug 15, 2006	7093041	US	Issued	LSI Logic Corporation
L01-970	May 15, 2002	10146363	Aug 16, 2005	6931612	US	Issued	LSI Logic Corporation
L01-971	Apr 25, 2002	10132360	Sep 20, 2005	6948114	US	Issued	LSI Logic Corporation
L01-973	Feb 14, 2002	10076681	Jul 6, 2004	6760814	US	Issued	LSI Logic Corporation
L01-975	Feb 28, 2002	10085929	Oct 31, 2006	7131050	US	Issued	LSI Logic Corporation
L99-288/1D	Dec 10, 2001	10012847	Apr 6, 2004	6716364	US	Issued	LSI Logic Corporation
L01-977	Mar 18, 2002	10100150	Nov 14, 2006	7136966	US	Issued	LSI Logic Corporation
L01-978	Apr 16, 2003	10417708	Jun 6, 2006	7056392	US	Issued	LSI Logic Corporation
L01-979	Apr 23, 2003	10128442	Dec 5, 2006	7146427	US	Issued	LSI Logic Corporation
L01-981	Dec 20, 2002	10327333	Nov 16, 2004	6818996	US	Issued	LSI Logic Corporation
L95-045-GB	Jul 23, 1996	963053962	Nov 14, 2001	0756234	GB	Issued	LSI Logic Corporation
L01-988	Jun 17, 2002	10172849	Jul 12, 2005	6917430	US	Issued	LSI Logic Corporation
L01-991	Jun 24, 2002	10178193	Jan 11, 2005	6842883	US	Issued	LSI Logic Corporation
L01-992	May 14, 2002	10146634	Aug 8, 2006	7088158	US	Issued	LSI Logic Corporation
L98-179/1C	Oct 30, 1998	09183694	Feb 20, 2007	7181548	US	Issued	LSI Logic Corporation
L01-996	Feb 8, 2002	10071718	May 2, 2006	7039064	US	Issued	LSI Logic Corporation
L98-189/1D	Dec 20, 2001	10026186	Jul 1, 2003	6587322	US	Issued	LSI Logic Corporation
L01-1008	May 31, 2002	10160812	Sep 2, 2003	6613637	US	Issued	LSI Logic Corporation
L01-1009	Oct 21, 2002	10277398	Sep 6, 2005	6941533	US	Issued	LSI Logic Corporation
L01-1010	Sep 11, 2002	10242165	Jan 11, 2005	6842042	US	Issued	LSI Logic Corporation
L01-1011	Jul 10, 2002	10192989	Oct 26, 2004	6810505	US	Issued	LSI Logic Corporation
L01-1020	Aug 15, 2002	10219638	Jan 27, 2004	6683551	US	Issued	LSI Logic Corporation
L01-1039	Apr 30, 2002	10135624	Jul 25, 2006	7082561	US	Issued	LSI Logic Corporation
L01-1040	Aug 30, 2002	10232051	Nov 27, 2007	7301906	US	Issued	LSI Logic Corporation
L01-1047	Aug 12, 2002	10217051	May 20, 2003	6567022	US	Issued	LSI Logic Corporation
L01-1048	Aug 30, 2002	10232968	Dec 23, 2003	6667703	US	Issued	LSI Logic Corporation
L01-1052	Mar 29, 2002	10109974	Aug 6, 2002	6429714	US	Issued	LSI Logic Corporation
L01-1053	Jul 12, 2002	10194134	Mar 11, 2003	6532431	US	Issued	LSI Logic Corporation
L01-1057	Dec 3, 2002	10308557	Mar 2, 2004	6701499	US	Issued	LSI Logic Corporation
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L01-1060	Jun 24, 2003	10602570	Mar 28, 2006	7020865	US	Issued	LSI Logic Corporation
L01-1061	Mar 27, 2002	10108286	Jan 11, 2005	6842750	US	Issued	LSI Logic Corporation
L01-1062	Jun 19, 2002	10177591	Feb 21, 2006	7003510	US	Issued	LSI Logic Corporation
L01-1063	Apr 15, 2002	10123295	Sep 6, 2005	6941314	US	Issued	LSI Logic Corporation
L01-1064	Oct 21, 2002	10278150	Sep 21, 2004	6795954	US	Issued	LSI Logic Corporation
L01-1066	May 1, 2002	10137874	Jun 12, 2007	7231383	US	Issued	LSI Logic Corporation
L01-1068	Mar 6, 2002	10092195	Sep 2, 2003	6615401	US	Issued	LSI Logic Corporation
L01-1069	Apr 25, 2002	10131940	Apr 18, 2006	7032125	US	Issued	LSI Logic Corporation

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L02-0008		Apr 30, 2002	10135585		Aug 16, 2005	6931566	US	Issued	LSI Logic Corporation
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P-2419/IP/RCE		Sep 29, 1997	08937296		Jul 23, 2002	6425117	US	Issued	LSI Logic Corporation
L02-0017		May 8, 2002	10141565		Nov 9, 2004	6816950	US	Issued	LSI Logic Corporation
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L02-0058		Jul 18, 2002	10200469		Jun 22, 2004	6753255	US	Issued	LSI Logic Corporation
L02-0060		Jun 5, 2002	10163047		Jul 19, 2005	6920510	US	Issued	LSI Logic Corporation
L02-0063		Nov 27, 2002	10306064		Jul 22, 2003	6597189	US	Issued	LSI Logic Corporation
L02-0065		May 29, 2002	10157285		Aug 23, 2005	6934803	US	Issued	LSI Logic Corporation
L02-0066		Apr 17, 2002	10124647		Dec 12, 2006	7149846	US	Issued	LSI Logic Corporation
L02-0067		Apr 16, 2002	10123615		Dec 30, 2003	6671860	US	Issued	LSI Logic Corporation
L02-0068		Aug 8, 2002	10214618		Jul 1, 2003	6586291	US	Issued	LSI Logic Corporation
L02-0073		Mar 28, 2002	10109285		Feb 28, 2006	7007036	US	Issued	LSI Logic Corporation
L02-0074		Aug 12, 2003	10639701		Nov 7, 2006	7134062	US	Issued	LSI Logic Corporation
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L02-0085		Apr 15, 2002	10122537		Sep 9, 2003	6617985	US	Issued	LSI Logic Corporation
L02-0092		Aug 28, 2002	10229659		Aug 17, 2004	6777803	US	Issued	LSI Logic Corporation
L02-0096		Sep 25, 2002	10254708		Mar 29, 2005	6872321	US	Issued	LSI Logic Corporation
L02-0101		Jul 31, 2002	10209338		Oct 17, 2006	7123651	US	Issued	LSI Logic Corporation
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L02-0121		Jun 5, 2002	10164227		Jun 1, 2004	6743669	US	Issued	LSI Logic Corporation
L01-828/1C		Feb 1, 2002	10061660		Aug 17, 2004	6779168	US	Issued	LSI Logic Corporation
L02-0132		Aug 19, 2002	10224019		Oct 5, 2004	6802047	US	Issued	LSI Logic Corporation
L02-0134		May 22, 2002	10151826		Aug 10, 2004	6775811	US	Issued	LSI Logic Corporation
L95-093-DE		Jun 23, 1997	979272978		Jan 9, 2002	69709925.3	DE	Issued	LSI Logic Corporation
L02-0143		Sep 6, 2002	10236226		Mar 21, 2006	7016041	US	Issued	LSI Logic Corporation
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L02-0180		May 29, 2002	10156963		Sep 9, 2003	6617889	US	Issued	LSI Logic Corporation
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L02-0186		Jul 12, 2002	10194578		Jan 6, 2004	6674092	US	Issued	LSI Logic Corporation
L02-0187		Jul 30, 2002	10209467		Feb 7, 2006	6996659	US	Issued	LSI Logic Corporation
L99-102/1D		Mar 15, 2002	10099641		Oct 5, 2004	6800940	US	Issued	LSI Logic Corporation
L02-0197		Apr 18, 2002	10125712		Jul 18, 2006	7080197	US	Issued	LSI Logic Corporation
L02-0203		Jun 17, 2002	10173045		Jun 15, 2004	6751136	US	Issued	LSI Logic Corporation
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L02-0209		Jul 9, 2002	10191634		Jul 25, 2006	7082522	US	Issued	LSI Logic Corporation
P-3364/RCE		Aug 25, 1999	09382946		Sep 23, 2003	6624447	US	Issued	LSI Logic Corporation
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L02-0248		Aug 5, 2002	10212359		Aug 9, 2005	6928514	US	Issued	LSI Logic Corporation
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L02-0279		Oct 16, 2002	10272767		Nov 4, 2003	6642597	US	Issued	LSI Logic Corporation
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L02-0286		Jul 25, 2002	10205265		May 30, 2006	7055068	US	Issued	LSI Logic Corporation
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L02-0299		Aug 8, 2002	10216425		May 27, 2003	6569739	US	Issued	LSI Logic Corporation
L02-0300		Dec 19, 2002	10324230		Apr 19, 2005	6883082	US	Issued	LSI Logic Corporation
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L02-0327	Jan 6, 2003	10337080	Sep 28, 2004	6799227	US	Issued	LSI Logic Corporation
L02-0328	Dec 9, 2002	10315506	Aug 14, 2007	7257080	US	Issued	LSI Logic Corporation
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L02-0337	Oct 30, 2002	10283688	Nov 18, 2003	6650958	US	Issued	LSI Logic Corporation
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L02-0362	Sep 20, 2002	10251082	Dec 12, 2006	7149340	US	Issued	LSI Logic Corporation
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L96-150-DE	Dec 15, 1997	979516739	Nov 7, 2001	69708152.4	DE	Issued	LSI Logic Corporation
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L96-075-FR	Jun 27, 1997	979293818	Nov 14, 2001	0907953	FR	Issued	LSI Logic Corporation
L96-075-GB	Jun 27, 1997	979293818	Nov 14, 2001	0907953	GB	Issued	LSI Logic Corporation
L95-093-FR	Jun 23, 1997	979272978	Jan 9, 2002	0907916	FR	Issued	LSI Logic Corporation
L95-093-GB	Jun 23, 1997	979272978	Jan 9, 2002	0907916	GB	Issued	LSI Logic Corporation
L95-093-NL	Jun 23, 1997	979272978	Jan 9, 2002	0907916	NL	Issued	LSI Logic Corporation
L95-045-FR	Jul 23, 1996	963053962	Nov 14, 2001	0756234	FR	Issued	LSI Logic Corporation
L96-043-NL	Sep 9, 1997	979409323	Dec 5, 2001	1012734	NL	Issued	LSI Logic Corporation
L02-0367	Jun 26, 2002	10183896	Jun 5, 2007	7228361	US	Issued	LSI Logic Corporation
L01-841/1D	Jul 1, 2002	10187152	May 20, 2003	6567899	US	Issued	LSI Logic Corporation
L02-0369	Aug 20, 2002	10223931	Aug 10, 2004	6775818	US	Issued	LSI Logic Corporation
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L02-0404	Sep 25, 2002	10254185	May 2, 2006	7039169	US	Issued	LSI Logic Corporation
L98-138/1D	May 20, 2002	10151487	Nov 18, 2003	6651119	US	Issued	LSI Logic Corporation
L02-0456	Jul 30, 2002	10207943	Dec 16, 2003	6664816	US	Issued	LSI Logic Corporation
L96-043-DE	Sep 9, 1997	979409323	Dec 5, 2001	69708933.9	DE	Issued	LSI Logic Corporation
L96-061-NL	Jul 15, 1997	979319175	Jan 9, 2002	0921904	NL	Issued	LSI Logic Corporation
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L02-0560	Jun 27, 2002	10185740	Jul 27, 2004	6769097	US	Issued	LSI Logic Corporation
L96-083/1D/RCE	Apr 14, 2000	09550381	Apr 8, 2003	6545305	US	Issued	LSI Logic Corporation
L00-075/1D	Jun 14, 2002	10171700	May 13, 2003	6562729	US	Issued	LSI Logic Corporation
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L96-155-FR	Sep 29, 1998	989532023	Dec 19, 2001	1023658	FR	Issued	LSI Logic Corporation
L96-155-DE	Sep 29, 1998	989532023	Dec 19, 2001	69803087.7	DE	Issued	LSI Logic Corporation
L95-017-FR	Apr 1, 1997	973022395	Aug 7, 2002	0800138	FR	Issued	LSI Logic Corporation
L95-017-DE	Apr 1, 1997	973022395	Aug 7, 2002	69714498.4	DE	Issued	LSI Logic Corporation
L02-4379	Dec 12, 2002	10318232	Feb 14, 2006	7000092	US	Issued	LSI Logic Corporation
L02-4390	Nov 15, 2002	10295489	Nov 16, 2004	6818365	US	Issued	LSI Logic Corporation
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P-3586/1C	May 10, 2000	09568049	May 4, 2004	6732310	US	Issued	LSI Logic Corporation
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L02-4399	Jul 12, 2002	10194271	Jul 1, 2003	6586984	US	Issued	LSI Logic Corporation
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L02-4403	Jul 29, 2002	10207283	Nov 9, 2004	6816954	US	Issued	LSI Logic Corporation
L02-4406	Oct 7, 2002	10265856	Mar 15, 2005	6866970	US	Issued	LSI Logic Corporation
L00-161/RCE	Sep 5, 2000	09654689	Sep 2, 2003	6613651	US	Issued	LSI Logic Corporation
L02-4422	Nov 7, 2001	10036291	Oct 28, 2003	6639312	US	Issued	LSI Logic Corporation
L02-4425	Nov 13, 2002	10293631	Mar 22, 2005	6870160	US	Issued	LSI Logic Corporation
L02-0562	Nov 26, 2002	10304289	Mar 21, 2006	7017126	US	Issued	LSI Logic Corporation
L02-4437	Sep 16, 2002	10245148	Mar 21, 2006	7017093	US	Issued	LSI Logic Corporation
L02-4438	Dec 20, 2002	10325114	May 27, 2008	7379422	US	Issued	LSI Logic Corporation
L02-4439	May 8, 2003	10435168	Mar 28, 2006	7020852	US	Issued	LSI Logic Corporation
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L95-138-DE	Dec 17, 1996	963092226	Nov 7, 2001	69616726.3	DE	Issued	LSI Logic Corporation
L02-4444	Oct 30, 2002	10283630	Feb 1, 2005	6849512	US	Issued	LSI Logic Corporation
L02-4466	Jul 31, 2002	10210651	Feb 15, 2005	6857108	US	Issued	LSI Logic Corporation
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L02-4470	Sep 20, 2002	10251344	Feb 21, 2006	7003610	US	Issued	LSI Logic Corporation
L02-4472	Jan 30, 2003	10354456	Jul 27, 2010	7764758	US	Issued	LSI Logic Corporation
L02-4473	Sep 30, 2002	10260072	Apr 3, 2007	7199843	US	Issued	LSI Logic Corporation
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L02-4481	Dec 24, 2002	10328346	Mar 8, 2005	6864020	US	Issued	LSI Logic Corporation
L02-4503	Sep 20, 2002	10251016	Apr 8, 2003	6544829	US	Issued	LSI Logic Corporation
L97-095-DE	Aug 6, 1998	989383708	Oct 31, 2001	69802290.4	DE	Issued	LSI Logic Corporation
L98-163/1D	Jul 25, 2002	10205229	May 20, 2003	6566268	US	Issued	LSI Logic Corporation

L02-4524	Sep 17, 2002	10245219	Feb 15, 2005	6855624	US	Issued	LSI Logic Corporation
L02-4529	Sep 25, 2002	10254473	Feb 1, 2005	6849936	US	Issued	LSI Logic Corporation
P-3242/ID/RCE	Jan 4, 2000	09477170	Dec 17, 2002	6495408	US	Issued	LSI Logic Corporation
L02-4538	Feb 10, 2003	10364836	Oct 3, 2006	7116828	US	Issued	LSI Logic Corporation
L02-4539	Nov 6, 2002	10290019	Nov 1, 2005	6961915	US	Issued	LSI Logic Corporation
L00-168/ID	Jul 17, 2002	10196787	Sep 7, 2004	6787180	US	Issued	LSI Logic Corporation
L02-4604	Jan 31, 2003	10355572	Mar 28, 2006	7020793	US	Issued	LSI Logic Corporation
L02-4620	Feb 10, 2003	10364866	Jul 25, 2006	7082580	US	Issued	LSI Logic Corporation
L00-396/RCE	Nov 29, 2000	09725543	Nov 19, 2002	6484273	US	Issued	LSI Logic Corporation
L02-4655	Sep 25, 2002	10256190	Jun 27, 2006	7068722	US	Issued	LSI Logic Corporation
L02-4675	Oct 7, 2002	10265751	Jan 20, 2004	6680532	US	Issued	LSI Logic Corporation
L02-4684	Aug 28, 2002	10232423	Feb 1, 2005	6851098	US	Issued	LSI Logic Corporation
L00-159/RCE	May 24, 2000	09577912	Jan 14, 2003	6506684	US	Issued	LSI Logic Corporation
L02-4686	Oct 16, 2002	10272182	Apr 12, 2005	6880142	US	Issued	LSI Logic Corporation
L02-4687	Dec 9, 2002	10316101	Nov 15, 2005	6966044	US	Issued	LSI Logic Corporation
L02-4688	Dec 13, 2002	10318623	Jun 27, 2006	7069523	US	Issued	LSI Logic Corporation
L02-4701	Oct 28, 2002	10282632	Nov 29, 2005	6970983	US	Issued	LSI Logic Corporation
L02-4704	Oct 28, 2002	10282379	Mar 7, 2006	7010712	US	Issued	LSI Logic Corporation
L02-4712	Sep 17, 2003	10664137	Jun 21, 2005	6910201	US	Issued	LSI Logic Corporation
L02-4713	Oct 9, 2002	10268303	Jan 29, 2008	7324736	US	Issued	LSI Logic Corporation
L02-4714	Oct 31, 2002	10285267	May 2, 2006	7039799	US	Issued	LSI Logic Corporation
L02-4722	Dec 20, 2002	10324698	Jun 1, 2004	6743701	US	Issued	LSI Logic Corporation
L02-4739	Dec 31, 2002	10334568	Nov 23, 2004	6823502	US	Issued	LSI Logic Corporation
L02-4774	Dec 31, 2002	10335360	May 30, 2006	7055113	US	Issued	LSI Logic Corporation
L02-4775	Jun 19, 2003	10465186	Oct 25, 2005	6959428	US	Issued	LSI Logic Corporation
L02-4842	Dec 23, 2002	10328614	Dec 6, 2005	6972217	US	Issued	LSI Logic Corporation
L01-1052/IC	Jul 31, 2002	10210488	Nov 25, 2003	6653883	US	Issued	LSI Logic Corporation
L02-4913	Dec 9, 2002	10315480	Nov 29, 2005	6969621	US	Issued	LSI Logic Corporation
L02-4946	Nov 14, 2002	10298338	Nov 18, 2003	6648064	US	Issued	LSI Logic Corporation
L02-4948	Nov 26, 2002	10304994	May 10, 2005	6892276	US	Issued	LSI Logic Corporation
L02-4949	Nov 4, 2002	10287246	Jul 25, 2006	7082498	US	Issued	LSI Logic Corporation
L02-4950	Oct 7, 2002	10265803	Mar 22, 2005	6871333	US	Issued	LSI Logic Corporation
L02-4957	Nov 14, 2002	10295592	May 11, 2004	6735270	US	Issued	LSI Logic Corporation
L02-4971	Sep 23, 2002	10253006	Mar 2, 2004	6701495	US	Issued	LSI Logic Corporation
L02-4980	Sep 30, 2002	10260101	Aug 1, 2006	7085334	US	Issued	LSI Logic Corporation
L02-4985	Dec 11, 2002	10316594	Jun 29, 2004	6757883	US	Issued	LSI Logic Corporation
P-2918/CPA	Apr 28, 1998	09067460	Mar 30, 2004	6714548	US	Issued	LSI Logic Corporation
L02-4999	Dec 6, 2002	10313333	May 24, 2005	6897102	US	Issued	LSI Logic Corporation
L02-5000	Dec 30, 2002	10331521	Feb 8, 2005	6854103	US	Issued	LSI Logic Corporation
L02-5002	Dec 18, 2002	10323521	Jun 13, 2006	7062577	US	Issued	LSI Logic Corporation
L02-5003	Oct 1, 2002	10262180	Sep 28, 2004	6799304	US	Issued	LSI Logic Corporation
L02-5004	Dec 20, 2002	10325383	Sep 26, 2006	7114041	US	Issued	LSI Logic Corporation
L02-5008	Oct 31, 2002	10285301	Jan 22, 2008	7322021	US	Issued	LSI Logic Corporation
L01-765/IC	Aug 8, 2002	10215397	Jan 21, 2003	6509762	US	Issued	LSI Logic Corporation
L02-5015	Dec 18, 2002	10323104	Dec 20, 2005	6978344	US	Issued	LSI Logic Corporation
L96-122-DE	Sep 29, 1998	989507686	Aug 7, 2002	69807101.8	DE	Issued	LSI Logic Corporation
L96-122-FR	Sep 29, 1998	989507686	Aug 7, 2002	1019835	FR	Issued	LSI Logic Corporation
L96-122-GB	Sep 29, 1998	989507686	Aug 7, 2002	1019835	GB	Issued	LSI Logic Corporation
L96-043-FR	Sep 9, 1997	979409323	Dec 5, 2001	1012734	FR	Issued	LSI Logic Corporation
L96-043-GB	Sep 9, 1997	979409323	Dec 5, 2001	1012734	GB	Issued	LSI Logic Corporation
L96-155-GB	Sep 29, 1998	989532023	Dec 19, 2001	1023658	GB	Issued	LSI Logic Corporation
L94-6318-DE	Dec 12, 1996	963090501	Nov 6, 2002	69624667.8	DE	Issued	LSI Logic Corporation
L94-6318-FR	Dec 12, 1996	963090501	Nov 6, 2002	0780758	FR	Issued	LSI Logic Corporation
L94-6318-GB	Dec 12, 1996	963090501	Nov 6, 2002	0780758	GB	Issued	LSI Logic Corporation
L98-060/RCE	Mar 16, 1999	09268867	Jan 6, 2004	6675139	US	Issued	LSI Logic Corporation
L02-5030	Oct 21, 2002	10277025	Mar 22, 2005	6869893	US	Issued	LSI Logic Corporation
L02-5032	Oct 15, 2002	10271026	Aug 24, 2004	6782523	US	Issued	LSI Logic Corporation
L97-133/ID	Aug 27, 2002	10228859	Mar 1, 2005	6861310	US	Issued	LSI Logic Corporation
L02-5535	Jan 13, 2003	10341119	Aug 23, 2005	6934929	US	Issued	LSI Logic Corporation
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L00-217/ID	Aug 1, 2002	10210365	Nov 4, 2003	6641698	US	Issued	LSI Logic Corporation
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L02-5552	Apr 30, 2003	10426418	Feb 28, 2006	7007108	US	Issued	LSI Logic Corporation
L02-5553	Apr 28, 2003	10424236	May 2, 2006	7039756	US	Issued	LSI Logic Corporation
L02-5558	Oct 10, 2002	10268361	May 9, 2006	7041516	US	Issued	LSI Logic Corporation
NM-002300/CPA	Jan 6, 1999	09226441	Aug 19, 2003	6608871	US	Issued	LSI Logic Corporation
L02-5576	Dec 11, 2002	10316339	Apr 25, 2006	7035995	US	Issued	LSI Logic Corporation
L02-5579	Nov 12, 2002	10292262	Jan 11, 2005	6842058	US	Issued	LSI Logic Corporation
L02-5581	Sep 30, 2002	10261459	May 11, 2004	6734744	US	Issued	LSI Logic Corporation
L02-5583	Dec 20, 2002	10326440	Aug 7, 2007	7254720	US	Issued	LSI Logic Corporation
L02-5584	Dec 20, 2002	10325132	Nov 22, 2005	6968420	US	Issued	LSI Logic Corporation
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L02-5587	Dec 20, 2002	10325192	Oct 3, 2006	7117352	US	Issued	LSI Logic Corporation
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L02-5612	Oct 9, 2002	10267814	Apr 6, 2004	6717423	US	Issued	LSI Logic Corporation
L00-254/RCE	Dec 11, 2000	09735084	Jul 1, 2003	6586814	US	Issued	LSI Logic Corporation
L02-5615	Dec 31, 2002	10335649	Jun 8, 2004	6747349	US	Issued	LSI Logic Corporation
L02-5620	Oct 23, 2002	10278373	Aug 5, 2003	6603201	US	Issued	LSI Logic Corporation
L01-510/ID	Sep 9, 2002	10238073	May 11, 2004	6734560	US	Issued	LSI Logic Corporation
L02-5624	Sep 30, 2003	10676934	Jan 4, 2005	6838379	US	Issued	LSI Logic Corporation
L02-5625	Sep 26, 2002	10255436	Aug 12, 2003	6605972	US	Issued	LSI Logic Corporation
L02-5627	Nov 6, 2002	10290437	Jan 4, 2005	6837967	US	Issued	LSI Logic Corporation
L02-5628	Apr 17, 2003	10417706	Oct 24, 2006	7127698	US	Issued	LSI Logic Corporation
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L02-5630	Apr 4, 2003	10406847	Feb 28, 2006	7005217	US	Issued	LSI Logic Corporation
L02-5632	Oct 25, 2002	10280566	Nov 25, 2003	6654248	US	Issued	LSI Logic Corporation
L02-5635	Sep 30, 2002	10261311	Sep 6, 2005	6941408	US	Issued	LSI Logic Corporation
L02-5638	Apr 16, 2003	10414747	Nov 11, 2008	7450831	US	Issued	LSI Logic Corporation
L02-5639	Jun 3, 2003	10453118	Mar 8, 2005	6864141	US	Issued	LSI Logic Corporation
L02-5670	Nov 27, 2002	10306751	Mar 13, 2007	7190368	US	Issued	LSI Logic Corporation
L02-5671	Oct 30, 2002	10284498	Aug 9, 2005	6927710	US	Issued	LSI Logic Corporation
L02-5674	Sep 25, 2002	10254380	Oct 26, 2004	6810515	US	Issued	LSI Logic Corporation
L02-5675	Sep 25, 2002	10254607	Jul 6, 2004	6760896	US	Issued	LSI Logic Corporation
L02-5676	Sep 25, 2002	10254616	Oct 12, 2004	6804811	US	Issued	LSI Logic Corporation
L02-5677	Dec 20, 2002	10327451	Jun 28, 2005	6911285	US	Issued	LSI Logic Corporation
L02-5678	Dec 3, 2002	10308334	Apr 26, 2005	6886088	US	Issued	LSI Logic Corporation
L02-5679	Dec 20, 2002	10327304	Aug 15, 2006	7093228	US	Issued	LSI Logic Corporation

L02-5680	Dec 20, 2002	10327314	May 24, 2005	6898780	US	Issued	LSI Logic Corporation
L02-5681	Nov 27, 2002	10306067	Feb 8, 2005	6854104	US	Issued	LSI Logic Corporation
L02-5684	Dec 11, 2002	10316510	May 9, 2006	7043611	US	Issued	LSI Logic Corporation
L02-5691	Dec 2, 2003	10725727	Nov 27, 2007	7302459	US	Issued	LSI Logic Corporation
L02-5692	Nov 26, 2002	10304922	Mar 11, 2008	7342977	US	Issued	LSI Logic Corporation
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L95-017-GB	Apr 1, 1997	973022395	Aug 7, 2002	0800138	GB	Issued	LSI Logic Corporation
LLC-2300-DE	Oct 18, 1994	949319040	Sep 4, 2002	69431292.4	DE	Issued	LSI Logic Corporation
LLC-2300-FR	Oct 18, 1994	949319040	Sep 4, 2002	0683955	FR	Issued	LSI Logic Corporation
LLC-2300-GB	Oct 18, 1994	949319040	Sep 4, 2002	0683955	GB	Issued	LSI Logic Corporation
LLC-2300-NL	Oct 18, 1994	949319040	Sep 4, 2002	0683955	NL	Issued	LSI Logic Corporation
L02-5698	Jan 22, 2003	10349564	Nov 9, 2004	6817004	US	Issued	LSI Logic Corporation
L02-5704	Dec 20, 2002	10327452	Jan 30, 2007	7171047	US	Issued	LSI Logic Corporation
L02-5706	Nov 26, 2002	10305673	Jul 27, 2004	6768958	US	Issued	LSI Logic Corporation
L02-5710	Dec 20, 2002	10324487	Jan 30, 2007	7170934	US	Issued	LSI Logic Corporation
L02-5713	Dec 30, 2002	10334430	Dec 27, 2005	6980917	US	Issued	LSI Logic Corporation
L02-5719	Nov 20, 2002	10301099	Jun 15, 2004	6750726	US	Issued	LSI Logic Corporation
L02-5721	Dec 20, 2002	10325188	Aug 5, 2008	7408988	US	Issued	LSI Logic Corporation
L02-5722	Mar 26, 2003	10397401	Dec 30, 2008	7471725	US	Issued	LSI Logic Corporation
L02-5730	Jun 11, 2003	10459158	Mar 22, 2005	6871154	US	Issued	LSI Logic Corporation
L02-5735	Nov 20, 2002	10301069	Jul 25, 2006	7082583	US	Issued	LSI Logic Corporation
L02-5736	Nov 25, 2002	10303540	Jan 29, 2008	7324912	US	Issued	LSI Logic Corporation
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L02-5748	Jul 2, 1997	08887391	Sep 7, 1999	5950230	US	Issued	LSI Logic Corporation
L02-5749	Aug 18, 1998	09136239	Sep 12, 2000	6119200	US	Issued	LSI Logic Corporation
L02-5750	Nov 3, 1998	09186043	Feb 6, 2001	6185652	US	Issued	LSI Logic Corporation
L02-5751	Dec 13, 1998	09211207	Nov 21, 2000	6151649	US	Issued	LSI Logic Corporation
L02-5753	Dec 10, 2002	10315434	May 17, 2005	6895480	US	Issued	LSI Logic Corporation
L02-5757	Oct 30, 2002	10283965	Jun 1, 2004	6744081	US	Issued	LSI Logic Corporation
L02-5758	Nov 27, 2002	10307018	Aug 24, 2004	6781151	US	Issued	LSI Logic Corporation
L02-5759	Mar 26, 2003	10397488	Dec 27, 2005	6981088	US	Issued	LSI Logic Corporation
L02-5770	Mar 25, 2003	10396648	Sep 20, 2005	6947056	US	Issued	LSI Logic Corporation
L02-5776	Jun 2, 2003	10453821	Jun 28, 2005	6911093	US	Issued	LSI Logic Corporation
L00-207/1C	Sep 24, 2002	10253158	Mar 30, 2004	6713394	US	Issued	LSI Logic Corporation
L02-5777	Oct 22, 2002	10277698	Feb 9, 2010	7660356	US	Issued	LSI Logic Corporation
L02-5778	Dec 18, 2002	10322933	Aug 5, 2003	6603706	US	Issued	LSI Logic Corporation
L99-127/1D	Sep 27, 2002	10260824	Oct 10, 2006	7118985	US	Issued	LSI Logic Corporation
L02-5789	Nov 20, 2002	10301182	Apr 4, 2006	7024636	US	Issued	LSI Logic Corporation
L02-5795	Dec 24, 2002	10328618	Jun 28, 2005	6912609	US	Issued	LSI Logic Corporation
L02-5799	Sep 17, 2003	10665927	Jun 13, 2006	7062731	US	Issued	LSI Logic Corporation
L98-187/CPA	Mar 16, 1999	09268902	Mar 21, 2006	7016794	US	Issued	LSI Logic Corporation
L02-5804	Oct 29, 2003	10697506	Jan 29, 2008	7323228	US	Issued	LSI Logic Corporation
L95-007-DE	Dec 19, 1996	963093182	Oct 16, 2002	69624326.1	DE	Issued	LSI Logic Corporation
L95-007-FR	Dec 19, 1996	963093182	Oct 16, 2002	0781822	FR	Issued	LSI Logic Corporation
L95-007-GB	Dec 19, 1996	963093182	Oct 16, 2002	0781822	GB	Issued	LSI Logic Corporation
L02-5806	Dec 23, 2002	10328462	Aug 23, 2005	6934782	US	Issued	LSI Logic Corporation
L02-5807	Jan 13, 2003	10341963	Aug 3, 2004	6771111	US	Issued	LSI Logic Corporation
L02-5808	Nov 8, 2002	10290953	Sep 13, 2005	6943446	US	Issued	LSI Logic Corporation
L02-5814	Jan 10, 2003	10339844	Aug 24, 2004	6781228	US	Issued	LSI Logic Corporation
L02-5826	Mar 14, 2003	10389314	Mar 15, 2011	7907665	US	Issued	LSI Logic Corporation
L01-198/1D	Oct 25, 2002	10280567	Sep 30, 2003	6627968	US	Issued	LSI Logic Corporation
L00-183/1D	Oct 10, 2002	10268736	Aug 12, 2003	6605846	US	Issued	LSI Logic Corporation
L00-634/RCE/1D	Oct 3, 2002	10263593	Sep 2, 2003	6614507	US	Issued	LSI Logic Corporation
L02-5847	Dec 31, 2002	10335312	Apr 26, 2005	6886147	US	Issued	LSI Logic Corporation
L02-5855	Dec 31, 2002	10334743	Jun 14, 2005	6907588	US	Issued	LSI Logic Corporation
L02-5856	Dec 31, 2002	10334570	Jun 29, 2004	6757885	US	Issued	LSI Logic Corporation
L02-5863	Nov 27, 2002	10306237	Feb 28, 2006	7007122	US	Issued	LSI Logic Corporation
L02-5864	May 9, 2003	10435442	Feb 21, 2006	7001695	US	Issued	LSI Logic Corporation
L02-5867	Nov 19, 2002	10299270	Aug 22, 2006	7096413	US	Issued	LSI Logic Corporation
L02-5869	Nov 19, 2002	10299564	Mar 15, 2005	6868536	US	Issued	LSI Logic Corporation
L02-5870	Mar 5, 2003	10382036	May 31, 2005	6901573	US	Issued	LSI Logic Corporation
L02-5871	Jan 22, 2003	10349664	May 2, 2006	7039855	US	Issued	LSI Logic Corporation
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L02-5874	Dec 13, 2002	10319219	Jul 4, 2006	7072922	US	Issued	LSI Logic Corporation
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L02-5876	Nov 12, 2002	10291982	Sep 5, 2006	7103868	US	Issued	LSI Logic Corporation
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L02-5898	Dec 31, 2002	10335555	May 10, 2005	6891361	US	Issued	LSI Logic Corporation
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L99-195/RCE	Dec 11, 2000	09735085	Aug 12, 2003	6605951	US	Issued	LSI Logic Corporation
L02-5908	Dec 31, 2002	10335470	Mar 21, 2006	7014957	US	Issued	LSI Logic Corporation
L02-5910	Jul 15, 2003	10620105	Jul 18, 2006	7080199	US	Issued	LSI Logic Corporation
L02-5915	Feb 3, 2003	10357142	Nov 8, 2005	6963138	US	Issued	LSI Logic Corporation
L02-5926	Apr 9, 2003	10409859	May 10, 2005	6889818	US	Issued	LSI Logic Corporation
L02-5928	Feb 4, 2003	10357957	Feb 14, 2006	7000170	US	Issued	LSI Logic Corporation
L02-5930	Dec 23, 2002	10328764	Dec 4, 2007	7305038	US	Issued	LSI Logic Corporation
L02-5931	Mar 25, 2003	10397451	Jun 8, 2004	6746925	US	Issued	LSI Logic Corporation
L02-5934	May 8, 2003	10434028	Aug 16, 2005	6929532	US	Issued	LSI Logic Corporation
L02-5935	Dec 19, 2002	10324284	Jan 27, 2004	6683484	US	Issued	LSI Logic Corporation
L02-5937	Dec 23, 2002	10328719	Mar 13, 2007	7190714	US	Issued	LSI Logic Corporation
L02-5947	Jan 21, 2003	10347759	Oct 5, 2004	6801437	US	Issued	LSI Logic Corporation
L02-5948	Feb 7, 2003	10360903	Apr 5, 2005	6874510	US	Issued	LSI Logic Corporation
L02-5949	Oct 28, 2002	10281811	May 18, 2004	6738248	US	Issued	LSI Logic Corporation
L02-5952	Mar 31, 2003	10403611	Mar 21, 2006	7016054	US	Issued	LSI Logic Corporation
L02-5953	Mar 24, 2003	10396955	Mar 13, 2007	7190082	US	Issued	LSI Logic Corporation
L02-5968	Mar 31, 2003	10404306	Jul 5, 2011	7975197	US	Issued	LSI Logic Corporation
L02-5973	Dec 19, 2002	10326717	Sep 20, 2005	6948139	US	Issued	LSI Logic Corporation
L02-5974	Dec 20, 2002	10324969	Sep 6, 2005	6941427	US	Issued	LSI Logic Corporation
L02-5987	Dec 23, 2002	10328699	Aug 2, 2005	6925588	US	Issued	LSI Logic Corporation
L02-5992	May 29, 2003	10447739	Oct 19, 2010	7817716	US	Issued	LSI Logic Corporation
L02-6029	Apr 15, 2003	10414601	Oct 2, 2007	7276441	US	Issued	LSI Logic Corporation
L02-6031	Apr 18, 2003	10418375	Jan 3, 2006	6982229	US	Issued	LSI Logic Corporation
L02-6036	Mar 26, 2004	10810294	Apr 3, 2007	7200832	US	Issued	LSI Logic Corporation
L02-6037	Oct 31, 2003	10698169	Jan 24, 2006	6989565	US	Issued	LSI Logic Corporation
L02-6046	Sep 25, 2003	10672752	Jul 27, 2004	6768433	US	Issued	LSI Logic Corporation
L02-6052	Jul 8, 2003	10614956	Jul 3, 2007	7239170	US	Issued	LSI Logic Corporation

L02-6056	Jun 2, 2003	10452260	Mar 1, 2011	7899659	US	Issued	LSI Logic Corporation
L02-6064	Mar 26, 2003	10400297	Apr 5, 2005	6875693	US	Issued	LSI Logic Corporation
L02-6069	Jan 3, 2003	10337076	Apr 11, 2006	7028233	US	Issued	LSI Logic Corporation
L01-653/1P	Feb 10, 2003	10361551	Jul 1, 2008	7394968	US	Issued	LSI Logic Corporation
L02-6079	Jan 31, 2003	10357044	Jan 30, 2007	7170727	US	Issued	LSI Logic Corporation
L02-6080	Jan 31, 2003	10357166	Mar 8, 2005	6864748	US	Issued	LSI Logic Corporation
L00-076/1D	Nov 26, 2002	10304631	Dec 2, 2003	6656805	US	Issued	LSI Logic Corporation
L02-6081	Jan 31, 2003	10357030	Aug 31, 2004	6784745	US	Issued	LSI Logic Corporation
L02-6087	Feb 28, 2003	10376837	Oct 5, 2004	6800882	US	Issued	LSI Logic Corporation
L02-6089	Feb 18, 2003	10368520	Oct 25, 2005	6959258	US	Issued	LSI Logic Corporation
L02-6091	Feb 28, 2003	10377426	Jul 4, 2006	7073107	US	Issued	LSI Logic Corporation
L02-6092	May 6, 2003	10430446	Jan 23, 2007	7167886	US	Issued	LSI Logic Corporation
L99-122/1D	Nov 26, 2002	10306011	May 10, 2005	6891219	US	Issued	LSI Logic Corporation
L02-6103	Mar 28, 2003	10402054	Sep 28, 2004	6798069	US	Issued	LSI Logic Corporation
L02-6106	Apr 16, 2003	10417366	Feb 7, 2006	6996689	US	Issued	LSI Logic Corporation
L02-6109	Jul 3, 2003	10614402	Dec 28, 2004	6836026	US	Issued	LSI Logic Corporation
L02-6110	Feb 21, 2003	10371386	May 10, 2005	6891392	US	Issued	LSI Logic Corporation
L02-6118	Apr 23, 2003	10421068	Apr 18, 2006	7029591	US	Issued	LSI Logic Corporation
L02-6119	Jun 10, 2003	10458157	Mar 21, 2006	7015918	US	Issued	LSI Logic Corporation
L01-071/RCE	Jun 13, 2001	09880492	May 6, 2003	6559717	US	Issued	LSI Logic Corporation
L01-145/1D	Dec 16, 2002	10321250	Mar 16, 2004	6707114	US	Issued	LSI Logic Corporation
L02-6220	Dec 8, 2003	10730154	Mar 20, 2007	7194640	US	Issued	LSI Logic Corporation
L02-6221	Dec 11, 2003	10733751	Feb 12, 2008	7330991	US	Issued	LSI Logic Corporation
L02-6236	May 19, 2003	10441000	May 16, 2006	7047470	US	Issued	LSI Logic Corporation
L02-6237	Apr 16, 2003	10417007	Oct 16, 2007	7284211	US	Issued	LSI Logic Corporation
L02-6256	Apr 8, 2003	10409569	May 8, 2007	7216194	US	Issued	LSI Logic Corporation
L02-6259	Mar 21, 2003	10394893	Sep 1, 2009	7584311	US	Issued	LSI Logic Corporation
L02-6261	Nov 27, 2002	10306749	Mar 13, 2007	7190413	US	Issued	LSI Logic Corporation
L02-6287	Apr 16, 2003	10414703	Sep 7, 2004	6788098	US	Issued	LSI Logic Corporation
L02-6288	Feb 28, 2003	10377682	Oct 27, 2009	7609725	US	Issued	LSI Logic Corporation
L02-6289	Jul 10, 2002	10191596	Jun 1, 2004	6744387	US	Issued	LSI Logic Corporation
L02-6290	Jul 17, 2002	10196731	Jul 4, 2006	7072399	US	Issued	LSI Logic Corporation
L02-6291	Aug 13, 2002	10217142	Mar 28, 2006	7020200	US	Issued	LSI Logic Corporation
L02-6292	Apr 28, 2003	10424939	Feb 6, 2007	7174476	US	Issued	LSI Logic Corporation
L02-6297	Apr 7, 2003	10409750	Apr 17, 2007	7206971	US	Issued	LSI Logic Corporation
L02-6300	Jun 19, 2003	10601265	Jun 26, 2007	7237141	US	Issued	LSI Logic Corporation
L02-6301	Jun 23, 2003	10602357	Oct 11, 2005	6954705	US	Issued	LSI Logic Corporation
L95-027-GB	Dec 19, 1996	963093166	Mar 26, 2003	0784273	GB	Issued	LSI Logic Corporation
L95-027-FR	Dec 19, 1996	963093166	Mar 26, 2003	0784273	FR	Issued	LSI Logic Corporation
L95-027-DE	Dec 19, 1996	963093166	Mar 26, 2003	69626947.3	DE	Issued	LSI Logic Corporation
L01-695/RCE	Nov 27, 2001	09996118	Nov 9, 2004	6815342	US	Issued	LSI Logic Corporation
L02-6332	Oct 23, 2003	10691938	Mar 22, 2005	6870386	US	Issued	LSI Logic Corporation
L02-6333	Mar 19, 2003	10392206	May 24, 2005	6897673	US	Issued	LSI Logic Corporation
L02-6335	May 5, 2003	10429312	Aug 28, 2007	7263470	US	Issued	LSI Logic Corporation
L02-6348	Mar 25, 2003	10397483	Oct 26, 2004	6809983	US	Issued	LSI Logic Corporation
L02-6352	Oct 30, 2003	10698167	Aug 16, 2005	6930362	US	Issued	LSI Logic Corporation
P-3094/RCE	Apr 21, 1997	08840947	Jun 6, 2006	7057449	US	Issued	LSI Logic Corporation
L02-6375	Oct 23, 2003	10693078	May 17, 2005	6894524	US	Issued	LSI Logic Corporation
L96-061-DE	Jul 15, 1997	979319175	Jan 9, 2002	69709934.2	DE	Issued	LSI Logic Corporation
L02-6383	Apr 14, 2003	10413051	Aug 19, 2008	7413996	US	Issued	LSI Logic Corporation
L02-6392	May 29, 2003	10448082	Aug 17, 2004	6777807	US	Issued	LSI Logic Corporation
L02-6396	May 22, 2003	10443973	Jun 26, 2007	7236525	US	Issued	LSI Logic Corporation
L02-6401	May 5, 2003	10430529	Jul 4, 2006	7073023	US	Issued	LSI Logic Corporation
L02-6417	Apr 14, 2003	10412867	Jul 18, 2006	7079963	US	Issued	LSI Logic Corporation
L02-6418	May 8, 2003	10431940	Aug 17, 2004	6778462	US	Issued	LSI Logic Corporation
L02-6419	Apr 25, 2003	10423184	Aug 28, 2007	7262119	US	Issued	LSI Logic Corporation
L02-6421	Jun 26, 2003	10606731	Jun 28, 2011	7970056	US	Issued	LSI Logic Corporation
L02-6422	May 20, 2003	10442533	Mar 8, 2005	6864152	US	Issued	LSI Logic Corporation
L02-6437	Oct 9, 2003	10683101	Nov 30, 2004	6825563	US	Issued	LSI Logic Corporation
L02-6445	Apr 6, 2004	10819684	Feb 6, 2007	7173328	US	Issued	LSI Logic Corporation
L02-6449	Apr 8, 2003	10409639	Sep 13, 2005	6943415	US	Issued	LSI Logic Corporation
L02-6450	Jun 3, 2003	10453182	Jun 27, 2006	7069535	US	Issued	LSI Logic Corporation
L02-6461	May 9, 2003	10434715	Dec 28, 2004	6835972	US	Issued	LSI Logic Corporation
L02-6463	Jun 10, 2003	10458130	Mar 15, 2005	6867480	US	Issued	LSI Logic Corporation
L02-6466	Feb 14, 2003	10369269	Dec 20, 2005	6978428	US	Issued	LSI Logic Corporation
L02-6469	May 27, 2003	10445437	Dec 20, 2005	6978407	US	Issued	LSI Logic Corporation
L02-6471	Oct 15, 2003	10685987	Apr 17, 2007	7206991	US	Issued	LSI Logic Corporation
L03-0006	Aug 14, 2003	10641768	Jan 17, 2006	6987059	US	Issued	LSI Logic Corporation
L03-0016	Jul 14, 2004	10891393	Jul 17, 2007	7246216	US	Issued	LSI Logic Corporation
L03-0026	Jun 2, 2003	10452262	Feb 5, 2008	7327786	US	Issued	LSI Logic Corporation
L03-0048	Jul 31, 2003	10631528	Sep 21, 2004	6794304	US	Issued	LSI Logic Corporation
L03-0049	Apr 29, 2003	10425155	Apr 27, 2004	6728936	US	Issued	LSI Logic Corporation
L03-0050	Apr 28, 2003	10424311	Jun 13, 2006	7062605	US	Issued	LSI Logic Corporation
L03-0053	Apr 25, 2003	10423082	Oct 10, 2006	7120557	US	Issued	LSI Logic Corporation
L03-0054	Apr 25, 2003	10423081	May 17, 2005	6895365	US	Issued	LSI Logic Corporation
L03-0055	Dec 8, 2003	10731534	Aug 1, 2006	7084618	US	Issued	LSI Logic Corporation
L03-0058	Aug 19, 2003	10643463	Nov 28, 2006	7143386	US	Issued	LSI Logic Corporation
L00-674/RCE	Jun 11, 2001	09878499	Sep 14, 2004	6792578	US	Issued	LSI Logic Corporation
L03-0063	May 8, 2003	10431945	Nov 8, 2005	6963515	US	Issued	LSI Logic Corporation
L98-023/3D	Feb 18, 2003	10368812	Apr 25, 2006	7033710	US	Issued	LSI Logic Corporation
L00-192/1D	Feb 12, 2003	10365240	Aug 3, 2004	6770947	US	Issued	LSI Logic Corporation
L01-563/1C	Feb 5, 2003	10360746	May 17, 2005	6893937	US	Issued	LSI Logic Corporation
L00-289/1D	Feb 18, 2003	10368811	Dec 20, 2005	6977400	US	Issued	LSI Logic Corporation
L03-0066	May 5, 2003	10429376	Mar 28, 2006	7018753	US	Issued	LSI Logic Corporation
L03-0071	Apr 16, 2003	10418560	Mar 1, 2005	6861864	US	Issued	LSI Logic Corporation
L03-0085	Nov 14, 2003	10713492	Aug 14, 2007	7257799	US	Issued	LSI Logic Corporation
L03-0104	Jun 25, 2003	10603550	Jul 12, 2005	6917310	US	Issued	LSI Logic Corporation
L03-0115	Nov 18, 2003	10716222	Jul 15, 2008	7400683	US	Issued	LSI Logic Corporation
CC-083/1D	Feb 4, 2003	10358022	Apr 20, 2004	6725416	US	Issued	LSI Logic Corporation
CC-080/1D	Jan 30, 2003	10354454	Aug 2, 2005	6925181	US	Issued	LSI Logic Corporation
L03-0122	Jun 9, 2003	10457138	Mar 8, 2005	6864716	US	Issued	LSI Logic Corporation
L03-0123	Jun 10, 2003	10458409	Jan 3, 2006	6982891	US	Issued	LSI Logic Corporation
L03-0132	Apr 25, 2003	10423096	Apr 20, 2004	6722948	US	Issued	LSI Logic Corporation
L03-0135	Apr 21, 1999	09296141	Apr 17, 2001	6219344	US	Issued	LSI Logic Corporation
L03-0136	Jul 7, 1999	09346784	Mar 8, 2005	6865173	US	Issued	LSI Logic Corporation
L03-0137	May 20, 1999	09314987	May 20, 2003	6567666	US	Issued	LSI Logic Corporation
L03-0138	Dec 29, 1999	09473777	Jun 24, 2003	6584087	US	Issued	LSI Logic Corporation
L03-0139	Jun 11, 1998	09097255	Jul 23, 2002	6424631	US	Issued	LSI Logic Corporation

L03-0146		Jun 13, 2003	10461255		Oct 19, 2004	6805338	US	Issued	LSI Logic Corporation
L01-082/1D		Mar 5, 2003	10379874		Jun 26, 2007	7236051	US	Issued	LSI Logic Corporation
L03-0154		Aug 26, 2003	10648054		Jun 27, 2006	7067859	US	Issued	LSI Logic Corporation
L03-0158		Apr 16, 2003	10418559		Mar 16, 2004	6707709	US	Issued	LSI Logic Corporation
L03-0159		Apr 3, 2003	10407065		Oct 19, 2004	6807656	US	Issued	LSI Logic Corporation
L03-0166		Apr 4, 2003	10408205		Jul 26, 2005	6922817	US	Issued	LSI Logic Corporation
L03-0167		Apr 23, 2003	10421421		Oct 28, 2008	7442113	US	Issued	LSI Logic Corporation
L03-0171		Jan 14, 2004	10757752		Jun 20, 2006	7065721	US	Issued	LSI Logic Corporation
L03-0177		Jun 25, 2003	10603905		Oct 23, 2007	7287238	US	Issued	LSI Logic Corporation
L03-0179		Jun 2, 2003	10453133		Nov 28, 2006	7143250	US	Issued	LSI Logic Corporation
L03-0184		Dec 5, 2003	10729050		Dec 28, 2010	7861271	US	Issued	LSI Logic Corporation
L03-0187		Jun 20, 2003	10600255		Sep 28, 2004	6798035	US	Issued	LSI Logic Corporation
L01-055/1D		Mar 6, 2003	10383149		Mar 29, 2005	6872612	US	Issued	LSI Logic Corporation
L03-0191		May 14, 2003	10438530		Jan 24, 2006	6990651	US	Issued	LSI Logic Corporation
L03-0195		Jun 19, 2003	10601175		Aug 4, 2009	7571370	US	Issued	LSI Logic Corporation
L00-161/RCE/1D		Mar 6, 2003	10383031		Dec 14, 2004	6831348	US	Issued	LSI Logic Corporation
L01-513/1D		Feb 18, 2003	10368760		Jun 8, 2004	6747358	US	Issued	LSI Logic Corporation
L03-0196		Jun 24, 2003	10603009		Dec 25, 2007	7313183	US	Issued	LSI Logic Corporation
L03-0197		May 30, 2003	10449471		Dec 18, 2007	7310371	US	Issued	LSI Logic Corporation
L00-194/1D		Feb 20, 2003	10370812		Jan 6, 2004	6672320	US	Issued	LSI Logic Corporation
L03-0199		Dec 26, 2003	10746848		Feb 21, 2006	7002191	US	Issued	LSI Logic Corporation
L99-135/1D		Mar 6, 2003	10382709		Oct 4, 2005	6951787	US	Issued	LSI Logic Corporation
L01-095/1D		Feb 28, 2003	10376401		Oct 19, 2004	6806551	US	Issued	LSI Logic Corporation
L00-650/RCE		Oct 25, 2001	10027960		Jun 10, 2003	6577165	US	Issued	LSI Logic Corporation
L03-0224		Apr 30, 2004	10837454		Jun 10, 2008	7386120	US	Issued	LSI Logic Corporation
L03-0228		Jun 24, 2003	10602937		Jun 13, 2006	7062736	US	Issued	LSI Logic Corporation
L03-0236		Apr 9, 2003	10410925		May 25, 2004	6739953	US	Issued	LSI Logic Corporation
L03-0244		Jun 2, 2003	10453819		Sep 20, 2005	6948142	US	Issued	LSI Logic Corporation
L01-063/1D		Feb 25, 2003	10374139		Aug 3, 2004	6771110	US	Issued	LSI Logic Corporation
L03-0249		Jul 8, 2003	10615063		Jun 1, 2004	6744130	US	Issued	LSI Logic Corporation
L03-0253		Apr 22, 2003	10420216		Jun 13, 2006	7062742	US	Issued	LSI Logic Corporation
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L03-0265		Jul 29, 2003	10629507		Sep 6, 2005	6940909	US	Issued	LSI Logic Corporation
L03-0273		May 15, 2003	10439373		Feb 28, 2006	7007248	US	Issued	LSI Logic Corporation
L03-0275		May 13, 2003	10437149		Sep 12, 2006	7107375	US	Issued	LSI Logic Corporation
L03-0289		Jun 25, 2003	10606138		Apr 11, 2006	7028199	US	Issued	LSI Logic Corporation
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L03-0291		Nov 3, 2003	10700177		May 19, 2009	7536611	US	Issued	LSI Logic Corporation
L03-0299		Apr 16, 2003	10417049		Apr 4, 2006	7023225	US	Issued	LSI Logic Corporation
L03-0306		Mar 18, 2004	10803301		Oct 30, 2007	7290066	US	Issued	LSI Logic Corporation
L03-0314		Aug 26, 2003	10649215		Jul 11, 2006	7076759	US	Issued	LSI Logic Corporation
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L00-178/1D		Mar 27, 2003	10400252		May 17, 2005	6893962	US	Issued	LSI Logic Corporation
L00-127/1D		Mar 27, 2003	10400310		Jun 22, 2004	6753268	US	Issued	LSI Logic Corporation
L00-651/1C		Mar 27, 2003	10400278		Oct 4, 2005	6951808	US	Issued	LSI Logic Corporation
L00-074/1D		Apr 2, 2003	10405666		Jan 25, 2005	6846569	US	Issued	LSI Logic Corporation
L95-122 GB		Feb 10, 1997	973008527		Aug 20, 2003	0789319	GB	Issued	LSI Logic Corporation
L03-0376		Dec 23, 2003	10743957		Oct 30, 2007	7289925	US	Issued	LSI Logic Corporation
L03-0392		Jul 28, 2003	10628194		Feb 24, 2009	7496691	US	Issued	LSI Logic Corporation
L03-0394		Aug 13, 2003	10640738		Aug 2, 2005	6925626	US	Issued	LSI Logic Corporation
L03-0395		Jun 2, 2003	10452360		Feb 19, 2008	7332062	US	Issued	LSI Logic Corporation
L03-0397		Aug 29, 2003	10651742		Jun 13, 2006	7062590	US	Issued	LSI Logic Corporation
L03-0414		Jun 4, 2003	10455489		Sep 30, 2008	7429749	US	Issued	LSI Logic Corporation
L01-096/RCE		Jun 11, 2001	09878820		Apr 5, 2005	6875702	US	Issued	LSI Logic Corporation
L03-0415		Dec 17, 2004	11015114		Feb 27, 2007	7185298	US	Issued	LSI Logic Corporation
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L03-0425		Jun 6, 2003	10456281		Jun 28, 2005	6911736	US	Issued	LSI Logic Corporation
L03-0444		Jul 15, 2003	10619531		Jan 12, 2010	7646815	US	Issued	LSI Logic Corporation
L03-0446		May 6, 2004	10840534		Sep 1, 2009	7584437	US	Issued	LSI Logic Corporation
L03-0447		Jul 18, 2003	10623329		Mar 7, 2006	7010044	US	Issued	LSI Logic Corporation
L03-0451		Jul 31, 2003	10633224		Jan 13, 2009	7477577	US	Issued	LSI Logic Corporation
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P-2892-NL		Oct 20, 1997	971181391		Aug 27, 2003	0843485	NL	Issued	LSI Logic Corporation
L03-0468		Jul 9, 2004	10887599		Oct 3, 2006	7117472	US	Issued	LSI Logic Corporation
L03-0471		Jul 29, 2003	10629496		Nov 16, 2004	6818516	US	Issued	LSI Logic Corporation
L03-0473		Jun 18, 2003	10464178		Nov 8, 2005	6963129	US	Issued	LSI Logic Corporation
L03-0477		Jul 31, 2003	10632881		Apr 29, 2008	7366957	US	Issued	LSI Logic Corporation
L02-0068/1D		Mar 31, 2003	10403433		Feb 3, 2004	6687114	US	Issued	LSI Logic Corporation
L03-0485		Sep 8, 2003	10658168		Jul 18, 2006	7079966	US	Issued	LSI Logic Corporation
L03-0492		Nov 10, 2003	10704922		Jul 25, 2006	7082589	US	Issued	LSI Logic Corporation
L03-0494		Jun 2, 2003	10452689		Mar 28, 2006	7020859	US	Issued	LSI Logic Corporation
L03-0495		Nov 19, 2003	10717083		May 9, 2006	7043591	US	Issued	LSI Logic Corporation
L95-106-DE		May 16, 1997	973033624		Jul 30, 2003	0809199	DE	Issued	LSI Logic Corporation
L95-106-FR		May 16, 1997	973033624		Jul 30, 2003	0809199	FR	Issued	LSI Logic Corporation
L95-106-GB		May 16, 1997	973033624		Jul 30, 2003	0809199	GB	Issued	LSI Logic Corporation
L01-089/1D		Apr 8, 2003	10409499		Nov 23, 2004	6822282	US	Issued	LSI Logic Corporation
L03-0515		Aug 20, 2003	10644116		Jul 17, 2007	7245758	US	Issued	LSI Logic Corporation
L03-0516		Jun 4, 2003	10454027		Apr 12, 2005	6880140	US	Issued	LSI Logic Corporation
L03-0524		Jul 2, 2003	10614307		Aug 7, 2007	7253497	US	Issued	LSI Logic Corporation
L03-0528		Jun 13, 2003	10461780		May 1, 2007	7212573	US	Issued	LSI Logic Corporation
L03-0538		Jun 26, 2003	10607116		Dec 27, 2005	6979251	US	Issued	LSI Logic Corporation
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L03-0578		Jun 20, 2003	10600079		Mar 3, 2009	7499493	US	Issued	LSI Logic Corporation
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L03-0599		Sep 8, 2003	10658017		Mar 8, 2005	6865435	US	Issued	LSI Logic Corporation

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L03-0657	Aug 8, 2003	10637385	Jun 27, 2006	7067048	US	Issued	LSI Logic Corporation
L03-0658	Aug 25, 2003	10648602	Apr 26, 2005	6884720	US	Issued	LSI Logic Corporation
L03-0659	Aug 4, 2003	10634416	Feb 20, 2007	7181353	US	Issued	LSI Logic Corporation
L00-654/RCE	Jun 19, 2001	09884736	Aug 16, 2005	6930056	US	Issued	LSI Logic Corporation
L00-654/1D	Apr 24, 2003	10422270	Sep 14, 2004	6790784	US	Issued	LSI Logic Corporation
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L03-0711	Aug 6, 2003	10635276	Dec 7, 2004	6828682	US	Issued	LSI Logic Corporation
L03-0712	Aug 25, 2003	10647863	Dec 12, 2006	7148535	US	Issued	LSI Logic Corporation
L03-0717	Oct 1, 2003	10676602	Dec 27, 2005	6979869	US	Issued	LSI Logic Corporation
L03-0722	Nov 3, 2003	10700790	Feb 21, 2006	7003421	US	Issued	LSI Logic Corporation
L03-0724	Nov 3, 2003	10700791	Apr 4, 2006	7023230	US	Issued	LSI Logic Corporation
L03-0726	Nov 10, 2003	10705638	Oct 18, 2005	6957162	US	Issued	LSI Logic Corporation
L03-0728	Jul 22, 2003	10624347	Aug 22, 2006	7096440	US	Issued	LSI Logic Corporation
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L03-0734	Sep 2, 2003	10653588	Jul 11, 2006	7075380	US	Issued	LSI Logic Corporation
L03-0735	Aug 28, 2003	10650395	Jun 27, 2006	7067882	US	Issued	LSI Logic Corporation
L03-0736	Sep 2, 2003	10653593	Sep 13, 2005	6943633	US	Issued	LSI Logic Corporation
L03-0737	Dec 16, 2003	10738761	Jun 20, 2006	7064062	US	Issued	LSI Logic Corporation
L03-0739	Aug 29, 2003	10652453	Jun 1, 2004	6743979	US	Issued	LSI Logic Corporation
L03-0760	Nov 19, 2003	10718286	Jul 15, 2008	7401164	US	Issued	LSI Logic Corporation
L03-0769	Oct 29, 2003	10696105	Jun 13, 2006	7062739	US	Issued	LSI Logic Corporation
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L03-0773	Jul 15, 2003	10620581	Jun 22, 2010	7743391	US	Issued	LSI Logic Corporation
L03-0781	Jul 22, 2003	10624253	Mar 30, 2010	7688895	US	Issued	LSI Logic Corporation
L03-0783	Aug 12, 2003	10639338	Jun 19, 2007	7233622	US	Issued	LSI Logic Corporation
L03-0798	Nov 17, 2003	10714736	Oct 13, 2009	7602849	US	Issued	LSI Logic Corporation
L03-0801	Jul 31, 2003	10631610	Jul 25, 2006	7081762	US	Issued	LSI Logic Corporation
L03-0805	Jul 25, 2003	10627289	Oct 25, 2005	6958541	US	Issued	LSI Logic Corporation
L03-0812	Aug 30, 2004	10929706	Apr 1, 2014	8685633	US	Issued	LSI Logic Corporation
L95-095-GB	Feb 10, 1997	973008519	May 28, 2003	0789318	GB	Issued	LSI Logic Corporation
L03-0826	Oct 24, 2003	10693110	Aug 9, 2005	6927177	US	Issued	LSI Logic Corporation
L03-0830	Sep 28, 2004	10952194	Jun 12, 2007	7231625	US	Issued	LSI Logic Corporation
L03-0833	Sep 26, 2003	10672125	Aug 23, 2005	6934171	US	Issued	LSI Logic Corporation
L03-0836	Dec 10, 2003	10732137	Apr 22, 2008	7362809	US	Issued	LSI Logic Corporation
L03-0838	Sep 24, 2003	10669930	Mar 11, 2008	7342964	US	Issued	LSI Logic Corporation
L03-0839	Oct 9, 2003	10682631	Oct 21, 2008	7440500	US	Issued	LSI Logic Corporation
L99-247/CPA	May 11, 2000	09568739	May 4, 2004	6732214	US	Issued	LSI Logic Corporation
CC-084/CPA	Sep 3, 1999	09390090	Mar 28, 2006	7020892	US	Issued	LSI Logic Corporation
L01-1008/1D	Jun 9, 2003	10458141	May 18, 2004	6737342	US	Issued	LSI Logic Corporation
L01-017/1C	Jun 9, 2003	10457942	Sep 27, 2005	6949446	US	Issued	LSI Logic Corporation
L03-0847	Nov 12, 2003	10706110	Jul 15, 2008	7400543	US	Issued	LSI Logic Corporation
L01-837/1D	Jun 16, 2003	10462524	Mar 23, 2004	6710453	US	Issued	LSI Logic Corporation
L03-0861	Aug 27, 2003	10650296	May 2, 2006	7039891	US	Issued	LSI Logic Corporation
L03-0862	Aug 20, 2003	10645900	Dec 19, 2006	7152194	US	Issued	LSI Logic Corporation
L03-0866	Nov 5, 2003	10702996	Sep 7, 2010	7791210	US	Issued	LSI Logic Corporation
L03-0873	Jul 31, 2003	10632622	Feb 28, 2006	7007259	US	Issued	LSI Logic Corporation
L01-043/RCE	Jun 29, 2001	09897517	Jan 20, 2004	6680243	US	Issued	LSI Logic Corporation
L03-0878	Nov 18, 2003	10716263	Sep 27, 2005	6950352	US	Issued	LSI Logic Corporation
L03-0911	Sep 3, 2003	10655053	Aug 23, 2005	6934174	US	Issued	LSI Logic Corporation
A4-4165/CPA	Aug 30, 1999	09386088	Dec 16, 2003	6665859	US	Issued	LSI Logic Corporation
L01-524/1C	Jul 23, 2003	10626825	Jun 6, 2006	7058906	US	Issued	LSI Logic Corporation
L03-0914	Sep 19, 2003	10664636	Apr 20, 2010	7703076	US	Issued	LSI Logic Corporation
L03-0915	Sep 22, 2003	10668021	Jul 25, 2006	7081037	US	Issued	LSI Logic Corporation
L01-341/RCE	Oct 24, 2001	09999848	May 11, 2004	6734081	US	Issued	LSI Logic Corporation
L03-0921	Aug 27, 2003	10650192	Feb 28, 2006	7006369	US	Issued	LSI Logic Corporation
L03-0926	Jun 30, 2003	10610619	Oct 11, 2005	6954810	US	Issued	LSI Logic Corporation
L03-0928	Nov 21, 2003	10718824	Dec 15, 2009	7634389	US	Issued	LSI Logic Corporation
L03-0929	Sep 22, 2003	10667812	Aug 14, 2007	7257807	US	Issued	LSI Logic Corporation
L03-0931	Jul 17, 2003	10621737	Jul 25, 2006	7082593	US	Issued	LSI Logic Corporation
L03-0932	Jul 10, 2003	10616623	Aug 22, 2006	7096442	US	Issued	LSI Logic Corporation
L03-0933	Aug 26, 2003	10648038	Dec 4, 2007	7305593	US	Issued	LSI Logic Corporation
L03-0934	Aug 4, 2003	10633856	Jan 17, 2006	6988252	US	Issued	LSI Logic Corporation
L03-0935	Aug 22, 2003	10646535	Dec 4, 2007	7305597	US	Issued	LSI Logic Corporation
L03-0936	Sep 4, 2003	10655191	Jun 20, 2006	7065606	US	Issued	LSI Logic Corporation
L03-0937	Nov 21, 2003	10719393	Sep 5, 2006	7103865	US	Issued	LSI Logic Corporation
L03-0938	Nov 21, 2003	10719787	Feb 21, 2006	7003739	US	Issued	LSI Logic Corporation
L03-0939	Sep 12, 2003	10661013	Mar 14, 2006	7013222	US	Issued	LSI Logic Corporation
L03-0940	Nov 21, 2003	10719878	May 15, 2007	7219270	US	Issued	LSI Logic Corporation
L03-0954	Jan 8, 2004	10755144	Dec 18, 2007	7310682	US	Issued	LSI Logic Corporation
L03-0956	Nov 24, 2003	10720783	Apr 22, 2008	7362804	US	Issued	LSI Logic Corporation
L98-095/1D	Jun 11, 2003	10459072	Oct 19, 2004	6806162	US	Issued	LSI Logic Corporation
L01-866/1D	Jun 24, 2003	10602510	Jul 27, 2004	6768130	US	Issued	LSI Logic Corporation
L03-0961	Sep 26, 2003	10672390	Sep 17, 2013	8539096	US	Issued	LSI Logic Corporation
L03-0962	Oct 2, 2003	10679004	Jan 3, 2006	6982206	US	Issued	LSI Logic Corporation
L03-0964	Sep 29, 2003	10673721	Apr 4, 2006	7024637	US	Issued	LSI Logic Corporation
L03-0968	Oct 31, 2003	10699276	May 31, 2005	6900075	US	Issued	LSI Logic Corporation
L03-0970	Dec 9, 2003	10731591	Aug 19, 2008	7415069	US	Issued	LSI Logic Corporation
L98-258/CPA	Dec 20, 1999	09467461	Dec 30, 2003	6671727	US	Issued	LSI Logic Corporation
L03-0972	Oct 7, 2003	10680047	Sep 28, 2004	6797585	US	Issued	LSI Logic Corporation
L03-0975	Feb 9, 2004	10774913	Dec 23, 2008	7469070	US	Issued	LSI Logic Corporation
L03-0976	Sep 19, 2003	10667010	Dec 4, 2007	7305654	US	Issued	LSI Logic Corporation
L03-0977	Jul 15, 2003	10620680	Jun 12, 2007	7231633	US	Issued	LSI Logic Corporation
L02-4456/1P	Jul 15, 2003	10620057	Sep 20, 2005	6946866	US	Issued	LSI Logic Corporation
L03-0979	Oct 22, 2003	10691400	Jun 14, 2005	6905909	US	Issued	LSI Logic Corporation
L03-0981	Sep 15, 2003	10662188	Feb 21, 2006	7002419	US	Issued	LSI Logic Corporation
L03-0984	Oct 9, 2003	10682012	Aug 21, 2007	7260816	US	Issued	LSI Logic Corporation
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L03-0994	Oct 10, 2003	10683369	Aug 21, 2007	7260803	US	Issued	LSI Logic Corporation
L01-212/1D	Jul 7, 2003	10614776	Apr 19, 2005	6881664	US	Issued	LSI Logic Corporation
L01-687/1P	Jul 8, 2003	10615039	Nov 1, 2005	6960979	US	Issued	LSI Logic Corporation
L03-1024	Aug 30, 2003	10654520	Jun 14, 2005	6906595	US	Issued	LSI Logic Corporation
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L00-495/1P/RCE	Feb 15, 2001	09784548	Dec 16, 2003	6665773	US	Issued	LSI Logic Corporation
L01-957/1D	Jun 26, 2003	10607353	Dec 14, 2004	6831022	US	Issued	LSI Logic Corporation
L02-0174/1D	Jun 20, 2003	10600665	Nov 23, 2004	6822308	US	Issued	LSI Logic Corporation
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L03-1078	Sep 12, 2003	10660888	Nov 17, 2009	7620786	US	Issued	LSI Logic Corporation
L01-721/RCE	Dec 13, 2001	10020304	Jun 8, 2004	6747318	US	Issued	LSI Logic Corporation
L03-1089	Sep 22, 2003	10667911	Jul 15, 2008	7400360	US	Issued	LSI Logic Corporation
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L03-1094	Aug 18, 2003	10642954	May 29, 2007	7225395	US	Issued	LSI Logic Corporation
L03-1095	Oct 14, 2003	10684733	Jan 17, 2006	6988251	US	Issued	LSI Logic Corporation
L03-1099	Dec 2, 2003	10725638	May 1, 2007	7213224	US	Issued	LSI Logic Corporation
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L03-1112	Sep 29, 2003	10674165	Nov 21, 2006	7138840	US	Issued	LSI Logic Corporation
L03-1119	Nov 24, 2003	10721971	Feb 14, 2006	6998343	US	Issued	LSI Logic Corporation
L03-1120	Nov 17, 2003	10715063	Jul 11, 2006	7076577	US	Issued	LSI Logic Corporation
L03-1122	Nov 24, 2003	10722686	Dec 6, 2005	6972592	US	Issued	LSI Logic Corporation
L01-965/1D	Jul 28, 2003	10628601	Sep 13, 2005	6943055	US	Issued	LSI Logic Corporation
L03-1127	Nov 12, 2003	10706623	Aug 19, 2008	7415543	US	Issued	LSI Logic Corporation
L03-1132	Sep 26, 2003	10672538	Nov 29, 2005	6971081	US	Issued	LSI Logic Corporation
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L03-1141	Dec 8, 2003	10730554	Jan 10, 2006	6984869	US	Issued	LSI Logic Corporation
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L03-1145	Jul 1, 2004	10883137	Mar 21, 2006	7015096	US	Issued	LSI Logic Corporation
L03-1169	Oct 29, 2003	10696320	Mar 13, 2007	7190185	US	Issued	LSI Logic Corporation
L03-1202	Oct 29, 2003	10697446	Apr 11, 2006	7026217	US	Issued	LSI Logic Corporation
L03-1230	Sep 22, 2003	10667948	Jan 29, 2008	7324595	US	Issued	LSI Logic Corporation
L03-1231	Nov 5, 2003	10701639	Jul 10, 2007	7243254	US	Issued	LSI Logic Corporation
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L03-1233	Nov 3, 2003	10701019	May 20, 2008	7376756	US	Issued	LSI Logic Corporation
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L03-1236	Oct 23, 2003	10692091	Apr 4, 2006	7023719	US	Issued	LSI Logic Corporation
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L01-299/1C	Aug 13, 2003	10640778	Sep 13, 2005	6943042	US	Issued	LSI Logic Corporation
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L01-120/RCE	Jun 19, 2001	09885687	Jul 6, 2004	6759860	US	Issued	LSI Logic Corporation
L02-0279/1D	Jul 17, 2003	10623082	Jan 9, 2007	7160805	US	Issued	LSI Logic Corporation
L03-1313	Dec 18, 2003	10739829	Jan 12, 2010	7646814	US	Issued	LSI Logic Corporation
L01-568/RCE	Sep 28, 2001	09967074	Apr 27, 2004	6727165	US	Issued	LSI Logic Corporation
L03-1343	Nov 4, 2003	10701332	Mar 22, 2011	7913125	US	Issued	LSI Logic Corporation
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L01-183/RCE	Jun 12, 2001	09879783	Jul 20, 2004	6765806	US	Issued	LSI Logic Corporation
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L03-1494	Nov 26, 2003	10723701	Feb 27, 2007	7183787	US	Issued	LSI Logic Corporation
L03-1496	Oct 23, 2003	10692664	Feb 20, 2007	7181563	US	Issued	LSI Logic Corporation
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L03-1509	Nov 18, 2003	10716259	Feb 28, 2006	7006370	US	Issued	LSI Logic Corporation
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L03-1681	Dec 4, 2003	10727474	Oct 11, 2005	6954082	US	Issued	LSI Logic Corporation
L03-1705	Sep 25, 2003	10671352	Jul 5, 2005	6914492	US	Issued	LSI Logic Corporation
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L03-1781	Nov 3, 2003	10701328	Sep 6, 2005	6939727	US	Issued	LSI Logic Corporation
L01-146/RCE	Aug 30, 2001	09943196	Oct 13, 2009	7601643	US	Issued	LSI Logic Corporation
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L03-1804	Feb 17, 2004	10779966	Dec 6, 2005	6971944	US	Issued	LSI Logic Corporation
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L03-1823	Oct 22, 2003	10690861	Jun 21, 2005	6909591	US	Issued	LSI Logic Corporation
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L03-1842	Dec 4, 2003	10727719	Dec 20, 2005	6977512	US	Issued	LSI Logic Corporation
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L03-1868	Nov 12, 2003	10706127	Aug 5, 2008	7409602	US	Issued	LSI Logic Corporation
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L03-1908	Dec 4, 2003	10727476	Jan 30, 2007	7170561	US	Issued	LSI Logic Corporation
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L03-1919	Aug 5, 2004	10911798	Jan 23, 2007	7167939	US	Issued	LSI Logic Corporation
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L01-643/1D	Oct 3, 2003	10678245	Dec 7, 2004	6828653	US	Issued	LSI Logic Corporation
L02-5546-JP	Nov 5, 2003	2003375486	Jan 29, 2010	4447892	JP	Issued	LSI Logic Corporation
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L03-1967	Jan 28, 2004	10767314	May 3, 2005	6888367	US	Issued	LSI Logic Corporation
L03-1973	Dec 2, 2003	10725743	Dec 14, 2010	7853968	US	Issued	LSI Logic Corporation
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L03-2064	Oct 27, 2003	10694208	Apr 25, 2006	7036102	US	Issued	LSI Logic Corporation
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L02-0186/1D	Nov 4, 2003	10702165	Dec 14, 2004	6830943	US	Issued	LSI Logic Corporation
L03-2189	May 3, 2004	10838081	Mar 11, 2008	7343519	US	Issued	LSI Logic Corporation
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L01-916/1D	Dec 11, 2003	10733034	Dec 12, 2006	7148146	US	Issued	LSI Logic Corporation
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L03-2438	Jun 12, 2002	10171394	Nov 27, 2007	7301883	US	Issued	LSI Logic Corporation
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L03-2441	Dec 30, 1999	09476395	Aug 3, 2004	6771570	US	Issued	LSI Logic Corporation
L03-2442	May 31, 2001	09872486	Nov 9, 2004	6816447	US	Issued	LSI Logic Corporation
L03-2444	Nov 8, 2001	10012257	Jan 3, 2006	6982939	US	Issued	LSI Logic Corporation
L03-2445	Jun 1, 2000	09588101	Apr 23, 2002	6377529	US	Issued	LSI Logic Corporation
L03-2448	Feb 27, 1998	09032322	May 28, 2002	6396789	US	Issued	LSI Logic Corporation
L03-2449	Dec 24, 1997	08997906	Sep 5, 2000	6115348	US	Issued	LSI Logic Corporation
L03-2450	Aug 15, 2000	09639375	Jun 19, 2001	6249507	US	Issued	LSI Logic Corporation
L03-2454	Mar 29, 2001	09823852	Feb 21, 2006	7002890	US	Issued	LSI Logic Corporation
L03-2456	Dec 22, 2000	09746748	Dec 16, 2003	6665245	US	Issued	LSI Logic Corporation
L03-2459	Apr 25, 2001	09842214	Nov 29, 2005	6969472	US	Issued	LSI Logic Corporation
L03-2471	Jan 22, 2002	10057774	Jan 11, 2005	6842873	US	Issued	LSI Logic Corporation
L03-2476	Mar 11, 2003	10387232	Apr 3, 2012	8151121	US	Issued	LSI Logic Corporation
L03-2477	Apr 1, 2004	10817419	Nov 17, 2009	7620743	US	Issued	LSI Logic Corporation
L03-2482	May 10, 2004	10842879	Jan 24, 2006	6990420	US	Issued	LSI Logic Corporation
L99-060/1D/RCE	May 21, 2002	10153011	Sep 21, 2004	6794756	US	Issued	LSI Logic Corporation
L03-2487	Aug 20, 1997	08915282	Nov 21, 2000	6150964	US	Issued	LSI Logic Corporation

L03-2499	Nov 22, 1994	08340353	Jul 16, 1996	5537382	US	Issued	LSI Logic Corporation
L03-2510	May 3, 2004	10837922	Apr 11, 2006	7026961	US	Issued	LSI Logic Corporation
L03-2518	Jun 29, 2004	10879629	Apr 3, 2007	7198546	US	Issued	LSI Logic Corporation
L01-377/1D	Dec 31, 2003	10750348	Nov 29, 2005	6969683	US	Issued	LSI Logic Corporation
L03-2538	May 24, 2004	10853637	Jun 7, 2005	6903985	US	Issued	LSI Logic Corporation
L03-2545	Mar 29, 2004	10812286	Jun 12, 2007	7231587	US	Issued	LSI Logic Corporation
L03-2575	Jun 9, 2004	10865179	Oct 14, 2008	7436060	US	Issued	LSI Logic Corporation
L03-2578	Feb 9, 2005	11053828	Jul 13, 2010	7757295	US	Issued	LSI Logic Corporation
L03-2586	Jan 23, 2004	10764205	Apr 5, 2011	7921082	US	Issued	LSI Logic Corporation
L03-2587	Jun 15, 2004	10868555	Dec 5, 2006	7146463	US	Issued	LSI Logic Corporation
L03-2597	Mar 24, 2004	10807968	Jan 29, 2008	7325081	US	Issued	LSI Logic Corporation
L03-2456/1C	Dec 16, 2003	10737604	Apr 26, 2005	6885618	US	Issued	LSI Logic Corporation
L03-2599	Oct 25, 2004	10972892	Nov 21, 2006	7138792	US	Issued	LSI Logic Corporation
L03-2602	Dec 16, 2005	11303506	Aug 16, 2011	8001374	US	Issued	LSI Logic Corporation
L03-2603	Aug 27, 2004	10927802	Nov 14, 2006	7137098	US	Issued	LSI Logic Corporation
L03-2604	Aug 27, 2004	10928292	Jun 13, 2006	7062415	US	Issued	LSI Logic Corporation
L03-2613	Aug 27, 2004	10929011	Mar 4, 2008	7340634	US	Issued	LSI Logic Corporation
L03-2616	Jun 9, 2004	10709967	Aug 5, 2008	7409561	US	Issued	LSI Logic Corporation
L03-2620	Oct 26, 2004	10973585	Jan 15, 2013	8355457	US	Issued	LSI Logic Corporation
L03-2640	May 27, 2004	10855748	Mar 24, 2009	7508869	US	Issued	LSI Logic Corporation
L03-2644	Apr 19, 2004	10828408	May 15, 2007	7219317	US	Issued	LSI Logic Corporation
L03-2655	Oct 7, 2004	10960170	Nov 8, 2011	8054857	US	Issued	LSI Logic Corporation
A3-4318/RCE	Oct 22, 1999	09426061	Jun 29, 2004	6756674	US	Issued	LSI Logic Corporation
L04-0017	May 31, 2005	11141795	Sep 21, 2010	7801184	US	Issued	LSI Logic Corporation
L04-0022	Sep 10, 2004	10939082	Jun 26, 2007	7235889	US	Issued	LSI Logic Corporation
L04-0023	Dec 14, 2004	11012529	Jul 15, 2008	7400561	US	Issued	LSI Logic Corporation
L04-0028	Nov 19, 2004	10993603	Mar 13, 2007	7189498	US	Issued	LSI Logic Corporation
L04-0038	Oct 27, 2004	10975981	Feb 20, 2007	7181712	US	Issued	LSI Logic Corporation
L04-0089	Nov 19, 2004	10993283	May 6, 2008	7370139	US	Issued	LSI Logic Corporation
L04-0090	Aug 20, 2004	10923326	Nov 13, 2007	7296094	US	Issued	LSI Logic Corporation
L04-0105	Dec 27, 2004	11024345	Nov 27, 2007	7302522	US	Issued	LSI Logic Corporation
L98-100/RCE	May 11, 2000	09568996	Jun 28, 2005	6912687	US	Issued	LSI Logic Corporation
L04-0120	Oct 7, 2004	10960492	Aug 14, 2007	7257762	US	Issued	LSI Logic Corporation
L01-471/1D	Feb 3, 2004	10772133	Jun 12, 2007	7229923	US	Issued	LSI Logic Corporation
L04-0132	Aug 18, 2004	10920897	Jan 30, 2007	7171500	US	Issued	LSI Logic Corporation
L04-0133	Aug 18, 2004	10920987	Feb 19, 2008	7334042	US	Issued	LSI Logic Corporation
L04-0134	Feb 18, 2005	11061073	Aug 21, 2007	7259584	US	Issued	LSI Logic Corporation
L02-6289/1C	Feb 2, 2004	10770213	Jan 3, 2006	6982663	US	Issued	LSI Logic Corporation
L04-0175	Mar 25, 2004	10809939	Sep 26, 2006	7114133	US	Issued	LSI Logic Corporation
L04-0176	Jan 3, 2005	11028403	Feb 20, 2007	7181713	US	Issued	LSI Logic Corporation
L04-0178	Jun 4, 2004	10862049	May 29, 2007	7223616	US	Issued	LSI Logic Corporation
L04-0189	Nov 24, 2004	10997006	Nov 9, 2010	7830964	US	Issued	LSI Logic Corporation
L02-0277/RCE	Aug 23, 2002	10226884	Dec 12, 2006	7148131	US	Issued	LSI Logic Corporation
L01-490/1C	Jan 30, 2004	10769510	Jul 8, 2008	7398501	US	Issued	LSI Logic Corporation
L03-0289/1P (04-0209)	Jul 29, 2004	10901520	Mar 7, 2006	7010711	US	Issued	LSI Logic Corporation
L03-2428/1C	Feb 2, 2004	10770261	Nov 14, 2006	7136333	US	Issued	LSI Logic Corporation
L03-0289/2P (04-0210)	Jul 29, 2004	10901519	Feb 12, 2008	7330989	US	Issued	LSI Logic Corporation
L03-0289/3P	Jul 29, 2004	10901518	Aug 7, 2007	7254732	US	Issued	LSI Logic Corporation
L04-0212	Aug 3, 2004	10910594	Mar 9, 2010	7676613	US	Issued	LSI Logic Corporation
L04-0231	Sep 30, 2004	10956862	Jun 12, 2007	7231623	US	Issued	LSI Logic Corporation
L04-0234	Sep 30, 2004	10956860	Oct 16, 2007	7283995	US	Issued	LSI Logic Corporation
L04-0254	Oct 27, 2004	10904177	Jun 12, 2007	7231370	US	Issued	LSI Logic Corporation
L04-0262	Aug 18, 2004	10920984	Nov 22, 2011	8065401	US	Issued	LSI Logic Corporation
L04-0263	Aug 18, 2004	10921018	Dec 17, 2013	8612632	US	Issued	LSI Logic Corporation
L04-0273	Jul 28, 2004	10901841	Jun 13, 2006	7062737	US	Issued	LSI Logic Corporation
L04-0299	May 27, 2005	11140392	Mar 4, 2008	7340700	US	Issued	LSI Logic Corporation
L04-0307	Nov 3, 2004	10980373	Aug 9, 2011	7996206	US	Issued	LSI Logic Corporation
L04-0308	Aug 16, 2004	10918933	Oct 3, 2006	7117467	US	Issued	LSI Logic Corporation
L04-0309	Nov 9, 2004	10984286	Dec 12, 2006	7148556	US	Issued	LSI Logic Corporation
L04-0312	Sep 20, 2004	10946274	Sep 18, 2007	7272814	US	Issued	LSI Logic Corporation
L04-0313	Jun 29, 2004	10879438	Apr 17, 2007	7205803	US	Issued	LSI Logic Corporation
L04-0320	Sep 7, 2004	10936016	May 2, 2006	7038257	US	Issued	LSI Logic Corporation
L04-0333	Jun 30, 2004	10881663			US	Allowed	LSI Logic Corporation
L04-0347	May 19, 2004	10848979	Apr 4, 2006	7023252	US	Issued	LSI Logic Corporation
L04-0355	Jun 4, 2004	10862039	Jan 13, 2009	7478303	US	Issued	LSI Logic Corporation
L04-0373	Jun 3, 2005	11145366	Jun 2, 2009	7542858	US	Issued	LSI Logic Corporation
L04-0374	Jun 2, 2004	10859874	Aug 12, 2008	7412678	US	Issued	LSI Logic Corporation
L04-0379	Sep 30, 2004	10954907	Sep 12, 2006	7106074	US	Issued	LSI Logic Corporation
L04-0383	Sep 20, 2004	10945177	Dec 26, 2006	7154734	US	Issued	LSI Logic Corporation
L04-0389	Sep 28, 2004	10952213	Dec 19, 2006	7152012	US	Issued	LSI Logic Corporation
L04-0390	May 25, 2004	10852902	May 9, 2006	7042242	US	Issued	LSI Logic Corporation
L04-0392	Sep 30, 2004	10954939			US	Pending	LSI Logic Corporation
L04-0393	Sep 22, 2004	10947498	Dec 12, 2006	7149989	US	Issued	LSI Logic Corporation
L04-0395	Jun 29, 2004	10879443	May 9, 2006	7042296	US	Issued	LSI Logic Corporation
L04-0397	Aug 18, 2004	10920975	Mar 30, 2010	7689763	US	Issued	LSI Logic Corporation
L01-508/1D	Mar 16, 2004	10804980	Jul 25, 2006	7081296	US	Issued	LSI Logic Corporation
L04-0405	Sep 10, 2004	10937911	Jan 2, 2007	7157948	US	Issued	LSI Logic Corporation
L04-0414	Apr 23, 2004	10830542	Apr 24, 2007	7210113	US	Issued	LSI Logic Corporation
L01-107/RCE/RCE	Jun 22, 2001	09887131	Feb 15, 2005	6856029	US	Issued	LSI Logic Corporation
L04-0416	Apr 23, 2004	10830739	May 15, 2007	7219321	US	Issued	LSI Logic Corporation
L04-0418	Sep 22, 2004	10947618	Feb 6, 2007	7174524	US	Issued	LSI Logic Corporation
L04-0437	Oct 20, 2004	10969745	Jan 30, 2007	7171638	US	Issued	LSI Logic Corporation
L04-0438	Jul 27, 2004	10900224	May 8, 2007	7216280	US	Issued	LSI Logic Corporation
L04-0444U51	Jul 27, 2004	10900642	Dec 11, 2007	7308627	US	Issued	LSI Logic Corporation
L04-0445	Oct 7, 2005	11246880	Dec 16, 2008	7467363	US	Issued	LSI Logic Corporation
L04-0449	Jul 28, 2004	10900869	Aug 29, 2006	7096748	US	Issued	LSI Logic Corporation
L04-0452	Nov 30, 2005	11290178			US	Pending	LSI Logic Corporation
L04-0457	Dec 10, 2004	11010029	Nov 17, 2009	7620103	US	Issued	LSI Logic Corporation
L04-0465	Aug 3, 2004	10909999	Aug 11, 2009	7574541	US	Issued	LSI Logic Corporation
L04-0467	Dec 3, 2004	11003309	Sep 9, 2008	7424696	US	Issued	LSI Logic Corporation
L04-0478	Nov 18, 2004	10991903	Mar 18, 2008	7346742	US	Issued	LSI Logic Corporation
L04-0486	Jul 30, 2004	10902987	Feb 12, 2008	7331028	US	Issued	LSI Logic Corporation
L04-0487	Jan 10, 2005	11032720	Jan 19, 2007	7234122	US	Issued	LSI Logic Corporation
L04-0488	Jun 7, 2005	11147855	Sep 4, 2012	8260982	US	Issued	LSI Logic Corporation
L04-0499	Jul 26, 2000	09625650	Jul 30, 2002	6426656	US	Issued	LSI Logic Corporation
L04-0500	Jun 13, 2002	10172535	Sep 2, 2003	6614268	US	Issued	LSI Logic Corporation
L04-0502	Jul 26, 2000	09625802	Nov 15, 2005	6965299	US	Issued	LSI Logic Corporation
L04-0509	Apr 18, 2003	10420017	Feb 12, 2008	7330428	US	Issued	LSI Logic Corporation

L04-0510	Mar 20, 2003	10394445	Aug 17, 2004	6777971	US	Issued	LSI Logic Corporation
L04-0518	Aug 9, 2004	10914296	Feb 19, 2008	7334056	US	Issued	LSI Logic Corporation
L04-0519	Sep 1, 2004	10931668	Sep 29, 2009	7596639	US	Issued	LSI Logic Corporation
L04-0522	Sep 21, 2004	10946422	Feb 19, 2008	7332917	US	Issued	LSI Logic Corporation
L04-0549	Dec 9, 2004	11008854	Apr 22, 2008	7363608	US	Issued	LSI Logic Corporation
L04-0550	Apr 6, 2005	11100986	Jul 8, 2008	7398489	US	Issued	LSI Logic Corporation
L04-0554	Feb 1, 2005	11049002	Sep 18, 2007	7272687	US	Issued	LSI Logic Corporation
L04-0558	Aug 2, 2004	10710772	Aug 17, 2010	7778168	US	Issued	LSI Logic Corporation
L00-140/RCE	Sep 27, 2000	09670975	Nov 22, 2005	6967177	US	Issued	LSI Logic Corporation
L04-0580	Aug 2, 2004	10909632	Apr 22, 2008	7363423	US	Issued	LSI Logic Corporation
L04-0591	Aug 10, 2004	10915719	Jul 25, 2006	7081406	US	Issued	LSI Logic Corporation
L04-0610	Mar 4, 2005	11072158	Mar 11, 2008	7341978	US	Issued	LSI Logic Corporation
L04-0625	Sep 22, 2004	10946922	Aug 23, 2011	8006001	US	Issued	LSI Logic Corporation
L03-2416-CA	Mar 24, 1997	2249403	Jan 9, 2001	2249403	CA	Issued	LSI Logic Corporation
L04-0626	Mar 15, 2004	10802114	Sep 30, 2008	7430202	US	Issued	LSI Logic Corporation
L04-0629	Aug 3, 2004	10910000	Dec 2, 2008	7461183	US	Issued	LSI Logic Corporation
L04-0631	Sep 27, 2004	10950703	Sep 22, 2009	7593465	US	Issued	LSI Logic Corporation
L04-0659US1	Dec 6, 2004	11005765	Jul 10, 2007	7242074	US	Issued	LSI Logic Corporation
L04-0665	Oct 23, 2004	10971911	Jul 12, 2011	7979833	US	Issued	LSI Logic Corporation
L04-0670	Jul 30, 2004	10903836	Feb 6, 2007	7174526	US	Issued	LSI Logic Corporation
L04-0676	Sep 29, 2004	10955168	Jun 27, 2006	7069178	US	Issued	LSI Logic Corporation
L04-0681	Jul 22, 2004	10897655	Dec 15, 2009	7634748	US	Issued	LSI Logic Corporation
L04-0690	Sep 3, 2004	10934970	Jul 25, 2006	7082067	US	Issued	LSI Logic Corporation
L04-0507-CA	Apr 24, 2002	2445001	Jul 19, 2011	2445001	CA	Issued	LSI Logic Corporation
L04-0507-CN	Apr 24, 2002	028107543	Jun 28, 2006	02810754.3	CN	Issued	LSI Logic Corporation
L03-2426-JP	Aug 10, 2001	2000600264	Oct 14, 2011	4842439	JP	Issued	LSI Logic Corporation
L03-2426-AU	Feb 8, 2000	3358400	Oct 30, 2003	763320	AU	Issued	LSI Logic Corporation
L04-0701	Dec 14, 2004	11012003	May 13, 2008	7372547	US	Issued	LSI Logic Corporation
L04-0703	Jul 22, 2005	11187362	Jul 13, 2010	7756399	US	Issued	LSI Logic Corporation
L04-0704	Nov 12, 2004	10987240	Nov 22, 2005	6967609	US	Issued	LSI Logic Corporation
L04-0708	Nov 10, 2004	10985289	Mar 26, 2013	8405435	US	Issued	LSI Logic Corporation
L04-0724	Dec 14, 2004	11011383	Aug 21, 2007	7260713	US	Issued	LSI Logic Corporation
L04-0731	Aug 24, 2004	10925497	Dec 25, 2007	7312880	US	Issued	LSI Logic Corporation
L03-2426-KR	Aug 18, 2001	1020017010512	May 3, 2007	716443	KR	Issued	LSI Logic Corporation
L00-309/RCE	Oct 30, 2000	09702202	Apr 12, 2005	6880050	US	Issued	LSI Logic Corporation
L04-0746	Aug 31, 2004	10930590	Mar 26, 2013	8404960	US	Issued	LSI Logic Corporation
L03-2426-SG	Feb 8, 2000	2001040989	Mar 31, 2005	82120	SG	Issued	LSI Logic Corporation
L04-0768	Nov 30, 2004	10999825	Dec 8, 2009	7630565	US	Issued	LSI Logic Corporation
L04-0769	Sep 13, 2004	10939786	Nov 13, 2012	8312499	US	Issued	LSI Logic Corporation
L04-0770	Dec 20, 2004	11017423	Apr 5, 2011	7920713	US	Issued	LSI Logic Corporation
L04-0771	Dec 7, 2004	11006479	Sep 2, 2008	7420616	US	Issued	LSI Logic Corporation
L04-0785	Oct 14, 2004	10966074	Feb 20, 2007	7179736	US	Issued	LSI Logic Corporation
L04-0789	Dec 14, 2004	11011384	May 20, 2008	7376260	US	Issued	LSI Logic Corporation
L04-0790	Nov 3, 2002	10287280	Aug 15, 2006	7091944	US	Issued	LSI Logic Corporation
L04-0792	Mar 9, 2003	10385087	Aug 8, 2006	7088351	US	Issued	LSI Logic Corporation
L04-0793	Aug 26, 2004	10794418	Jun 12, 2007	7230460	US	Issued	LSI Logic Corporation
L04-0794	Mar 4, 2004	10794080	Oct 3, 2006	7116743	US	Issued	LSI Logic Corporation
L04-0798	Dec 23, 2005	11318231	Oct 6, 2009	7599008	US	Issued	LSI Logic Corporation
L04-0800	Nov 17, 2004	10991107	Jul 8, 2008	7396760	US	Issued	LSI Logic Corporation
L00-335/RCE	Sep 21, 2001	09960771	Dec 27, 2005	6980217	US	Issued	LSI Logic Corporation
L04-0801	Dec 13, 2004	11010745	Feb 19, 2008	7334206	US	Issued	LSI Logic Corporation
L02-0255/IC	May 28, 2004	10856213	Feb 14, 2006	6998638	US	Issued	LSI Logic Corporation
L04-0806	Oct 20, 2004	10969086	Feb 19, 2008	7334172	US	Issued	LSI Logic Corporation
L04-0824	Dec 20, 2004	11017017	Jul 22, 2008	7404156	US	Issued	LSI Logic Corporation
L04-0828	Sep 29, 2004	10953322	Jun 23, 2009	7550236	US	Issued	LSI Logic Corporation
L04-0840	Sep 22, 2004	10946866	Aug 19, 2008	7414929	US	Issued	LSI Logic Corporation
L04-0842	Mar 17, 2005	11082639	Oct 26, 2010	7822121	US	Issued	LSI Logic Corporation
L00-437/RCE	Apr 12, 2001	09834013	Jun 7, 2005	6904481	US	Issued	LSI Logic Corporation
L04-0862	Feb 9, 2005	11054594	May 13, 2008	7373009	US	Issued	LSI Logic Corporation
L04-0867	Sep 21, 2004	10946430	Jan 5, 2010	7643987	US	Issued	LSI Logic Corporation
L04-0869	Nov 8, 2004	10984115	May 27, 2008	7380228	US	Issued	LSI Logic Corporation
L04-0872	May 5, 2005	11122426	Dec 14, 2010	7852351	US	Issued	LSI Logic Corporation
L04-0879	Aug 19, 2004	10921643	Sep 9, 2008	7424422	US	Issued	LSI Logic Corporation
L04-0887	Jul 28, 2004	10901609	Jun 12, 2007	7231563	US	Issued	LSI Logic Corporation
L04-0889	Dec 6, 2005	11295344	May 18, 2010	7721143	US	Issued	LSI Logic Corporation
L04-0895	Sep 20, 2004	10945777	Nov 27, 2007	7300869	US	Issued	LSI Logic Corporation
L04-0899	Jul 30, 2004	10903069	Oct 6, 2009	7599501	US	Issued	LSI Logic Corporation
L01-827/RCE	Dec 27, 2001	10034839	May 3, 2005	6889366	US	Issued	LSI Logic Corporation
L04-0902	Nov 16, 2004	10989698	Jan 4, 2011	7865880	US	Issued	LSI Logic Corporation
L04-0907	Jan 24, 2005	11041714	Aug 4, 2009	7571430	US	Issued	LSI Logic Corporation
L02-4372/RCE	Jun 27, 2002	10186263	Oct 24, 2006	7127692	US	Issued	LSI Logic Corporation
L04-0912	Nov 17, 2004	10992389	Dec 4, 2007	7305601	US	Issued	LSI Logic Corporation
L02-0117/RCE/RCE	Apr 2, 2002	10114144	Jan 25, 2005	6847123	US	Issued	LSI Logic Corporation
L04-0913	Nov 3, 2004	10980945	Jul 11, 2006	7074710	US	Issued	LSI Logic Corporation
L04-0914	Dec 29, 2004	11025562	Oct 21, 2008	7441081	US	Issued	LSI Logic Corporation
L04-0919	Aug 10, 2004	10914921	Jan 23, 2007	7168055	US	Issued	LSI Logic Corporation
L04-0926	Feb 25, 2005	11067501	Feb 2, 2010	7657696	US	Issued	LSI Logic Corporation
L04-0928	Aug 10, 2004	10915232	Apr 8, 2008	7355931	US	Issued	LSI Logic Corporation
L04-0930	Sep 17, 2004	10943516	Jun 18, 2013	8467552	US	Issued	LSI Logic Corporation
L04-0952	Sep 20, 2004	10944996	Sep 21, 2010	7799166	US	Issued	LSI Logic Corporation
L04-0954	Oct 25, 2004	10973851	Apr 17, 2007	7204920	US	Issued	LSI Logic Corporation
L04-0955	Aug 26, 2004	10927985	Mar 21, 2006	7015569	US	Issued	LSI Logic Corporation
L04-0956US2	Dec 14, 2004	11011896	Nov 15, 2011	8057963	US	Issued	LSI Logic Corporation
L04-0962	Aug 30, 2004	10930624	Oct 27, 2009	7610200	US	Issued	LSI Logic Corporation
L04-0968	Aug 30, 2004	10931151	Sep 8, 2009	7587310	US	Issued	LSI Logic Corporation
L04-0976	Dec 17, 2004	11015123	Jun 12, 2007	7231626	US	Issued	LSI Logic Corporation
L04-0977	Dec 20, 2004	11017015	Jul 8, 2008	7398492	US	Issued	LSI Logic Corporation
L04-0981	Jun 23, 2004	10875128	Jan 23, 2007	7168052	US	Issued	LSI Logic Corporation
L04-0985	Jan 31, 2005	11048305	Jul 6, 2010	7751913	US	Issued	LSI Logic Corporation
L04-0991	Feb 11, 2005	11056838	Feb 24, 2009	7494752	US	Issued	LSI Logic Corporation
L01-532/RCE	Oct 31, 2001	09999391	Nov 2, 2004	6813656	US	Issued	LSI Logic Corporation
L04-1019	Sep 30, 2004	10954940	Dec 5, 2006	7145232	US	Issued	LSI Logic Corporation
L04-0507/RCE	Jan 17, 2002	10052233	Oct 19, 2004	6807186	US	Issued	LSI Logic Corporation
L04-1021	Dec 22, 2004	11021101	May 19, 2009	7536355	US	Issued	LSI Logic Corporation
L01-836/RCE	Apr 5, 2002	10117487	Apr 12, 2005	6878406	US	Issued	LSI Logic Corporation
L04-1023	Aug 23, 2004	10924531	Sep 12, 2006	7107558	US	Issued	LSI Logic Corporation
L04-1038	Jul 20, 2004	10894781	Aug 19, 2008	7415691	US	Issued	LSI Logic Corporation
L04-1042	Dec 17, 2004	11016040	Jan 10, 2012	8093485	US	Issued	LSI Logic Corporation

L03-2441/ID	Jun 25, 2004	10877374	Dec 12, 2006	7149178	US	Issued	LSI Logic Corporation
L04-1059	Sep 30, 2004	10954906	Sep 18, 2007	7272763	US	Issued	LSI Logic Corporation
L04-1060	Dec 12, 2004	11010970	Oct 23, 2007	7285840	US	Issued	LSI Logic Corporation
L04-1073	Nov 1, 2004	10978755	Oct 21, 2008	7440497	US	Issued	LSI Logic Corporation
L04-1075	Jun 17, 2005	11156128	Jan 13, 2009	7477319	US	Issued	LSI Logic Corporation
L04-1080	Oct 11, 2004	10962262	Feb 27, 2007	7183791	US	Issued	LSI Logic Corporation
L04-1088	Sep 8, 2004	10936017	Nov 9, 2010	7830756	US	Issued	LSI Logic Corporation
L04-1103	Dec 29, 2005	11324084	Nov 10, 2009	7617427	US	Issued	LSI Logic Corporation
L04-1113	May 31, 2005	11140896	Feb 19, 2008	7334207	US	Issued	LSI Logic Corporation
L04-1150	Dec 31, 2004	11027266	Oct 30, 2007	7290224	US	Issued	LSI Logic Corporation
L04-1177	Aug 30, 2004	10929218	Mar 13, 2007	7191424	US	Issued	LSI Logic Corporation
L01-152/RCE/RCE	Dec 28, 2001	10035346	Nov 30, 2004	6825546	US	Issued	LSI Logic Corporation
L04-1203	Sep 16, 2004	10944373	Oct 17, 2006	7122436	US	Issued	LSI Logic Corporation
L03-1313/IP	Jul 23, 2004	10898125	Feb 9, 2010	7660355	US	Issued	LSI Logic Corporation
L99-222/RCE	Dec 14, 1999	09460965	Dec 6, 2005	6973221	US	Issued	LSI Logic Corporation
L04-1214	Dec 28, 2004	11023731	Oct 20, 2009	7607057	US	Issued	LSI Logic Corporation
L00-450/RCE	Dec 14, 2000	09736883	Dec 6, 2005	6973524	US	Issued	LSI Logic Corporation
L00-576/RCE/RCE	Jun 14, 2001	09881151	Jul 5, 2005	6914786	US	Issued	LSI Logic Corporation
L01-206/1C	Jul 16, 2004	10893659	Jul 4, 2006	7071094	US	Issued	LSI Logic Corporation
L04-1261	Feb 10, 2005	11055145	Jan 8, 2008	7317228	US	Issued	LSI Logic Corporation
L04-1262	Feb 11, 2005	11056641	Oct 10, 2006	7119405	US	Issued	LSI Logic Corporation
L00-419/RCE	Nov 29, 2000	09726144	Sep 20, 2005	6948054	US	Issued	LSI Logic Corporation
L04-1314	Jun 13, 2005	11151043	May 27, 2008	7380229	US	Issued	LSI Logic Corporation
L03-1318	Oct 22, 2004	10971961	Aug 21, 2007	7259083	US	Issued	LSI Logic Corporation
L02-5880/RCE	Dec 19, 2002	10327283	Mar 15, 2005	6867127	US	Issued	LSI Logic Corporation
L04-1374	Dec 23, 2004	11022387	May 15, 2007	7218138	US	Issued	LSI Logic Corporation
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L04-1378	Sep 8, 2004	10936202	Mar 20, 2007	7194717	US	Issued	LSI Logic Corporation
L04-1379	Nov 19, 2004	10992941	Dec 5, 2006	7146591	US	Issued	LSI Logic Corporation
L04-1380	Nov 19, 2004	10992999	Aug 14, 2007	7257791	US	Issued	LSI Logic Corporation
L04-1381	Dec 3, 2004	11004309	Jul 17, 2007	7246336	US	Issued	LSI Logic Corporation
L04-1382	Aug 27, 2004	10928799	Sep 19, 2006	7111267	US	Issued	LSI Logic Corporation
L03-0136-KR	Jul 7, 1999	20017000573	Jul 13, 2007	741586	KR	Issued	LSI Logic Corporation
L04-1391	Feb 22, 2005	11063172	Dec 30, 2008	7471881	US	Issued	LSI Logic Corporation
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L05-0793	Jan 19, 2006	11334870	Jun 15, 2010	7737564	US	Issued	LSI Logic Corporation
L05-0806	Aug 31, 2005	11216918	Jan 29, 2008	7325215	US	Issued	LSI Logic Corporation
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L05-0810	Aug 2, 2005	11195048	Sep 29, 2009	7596239	US	Issued	LSI Logic Corporation
L05-0817	Jun 15, 2005	11153879	May 20, 2008	7375570	US	Issued	LSI Logic Corporation
L05-0820	Dec 29, 2005	11321747	Oct 31, 2006	7129690	US	Issued	LSI Logic Corporation
L05-0821	Aug 5, 2005	11198456	Apr 10, 2012	8155194	US	Issued	LSI Logic Corporation
L05-0822	Oct 5, 2005	11244486	May 6, 2008	7370309	US	Issued	LSI Logic Corporation
L05-0832	Nov 16, 2005	11280639	Feb 24, 2009	7496474	US	Issued	LSI Logic Corporation
L05-0836	Nov 23, 2005	11286546	Feb 24, 2009	7494842	US	Issued	LSI Logic Corporation
L05-0838	Nov 2, 2005	11266132	Dec 29, 2009	7640396	US	Issued	LSI Logic Corporation
L05-0841	Oct 31, 2005	11262864	Jun 17, 2008	7389196	US	Issued	LSI Logic Corporation
L05-0853	Feb 16, 2006	11355631	Sep 1, 2009	7584368	US	Issued	LSI Logic Corporation
L05-0881	Dec 15, 2005	11300938	Jun 23, 2009	7551414	US	Issued	LSI Logic Corporation
L05-0882	Feb 7, 2006	11349358	Nov 25, 2008	7458044	US	Issued	LSI Logic Corporation
L05-0885	May 22, 2006	11438644	Apr 20, 2010	7703059	US	Issued	LSI Logic Corporation
L02-4397/1D	May 16, 2005	11131003	Sep 23, 2008	7427563	US	Issued	LSI Logic Corporation
L05-0932	Oct 5, 2005	11244530	Aug 19, 2008	7415687	US	Issued	LSI Logic Corporation
L05-0951	Aug 5, 2005	11198694	Oct 25, 2011	8045618	US	Issued	LSI Logic Corporation
L03-0598/1C	May 18, 2005	11131705	Jan 29, 2008	7323768	US	Issued	LSI Logic Corporation
L05-1023	Feb 28, 2007	11712113	Mar 30, 2010	7688333	US	Issued	LSI Logic Corporation
L05-1046	Nov 18, 2005	11283340	Nov 20, 2007	7298036	US	Issued	LSI Logic Corporation
L05-1048	Jul 7, 2005	11176040	Jun 22, 2010	7742063	US	Issued	LSI Logic Corporation
L05-1050	Sep 27, 2005	11237064	Sep 4, 2007	7266021	US	Issued	LSI Logic Corporation
L05-1051	Sep 27, 2005	11237059	Jun 19, 2007	7233540	US	Issued	LSI Logic Corporation
L02-4774/1D	Jun 18, 2005	11156319	Sep 30, 2008	7430725	US	Issued	LSI Logic Corporation
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L04-0444-CN	Jul 25, 2005	2005100882101	Jun 23, 2010	ZL200510088210.1	CN	Issued	LSI Logic Corporation
L05-1124	Dec 20, 2005	11312080	May 8, 2012	8176217	US	Issued	LSI Logic Corporation
L03-0016-GB	Jun 7, 2005	05115100	Sep 24, 2008	2416225	GB	Issued	LSI Logic Corporation
L03-0016-CN	Jul 14, 2005	2005100859247	Jun 1, 2011	ZL200510085924.7	CN	Issued	LSI Logic Corporation
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L05-1295	Oct 11, 2005	11247630	Oct 21, 2008	7441210	US	Issued	LSI Logic Corporation
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L05-1329	Nov 9, 2005	11271991	Jan 29, 2008	7325216	US	Issued	LSI Logic Corporation
L05-1331	Aug 5, 2005	11198457	Jun 26, 2012	8208540	US	Issued	LSI Logic Corporation
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L05-1333	Aug 5, 2005	11198448	Mar 8, 2011	7903739	US	Issued	LSI Logic Corporation
L05-1363	Dec 14, 2005	11300012	May 26, 2009	7539798	US	Issued	LSI Logic Corporation
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L03-2400-CN	Aug 18, 2005	2005100927070	Oct 7, 2009	ZL200510092707.0	CN	Issued	LSI Logic Corporation
L05-1404	Dec 29, 2005	11321260	Jan 20, 2009	7480878	US	Issued	LSI Logic Corporation
L05-1410	Dec 29, 2005	11323401	Oct 7, 2008	7434198	US	Issued	LSI Logic Corporation
L03-2087/ID	Jul 19, 2005	11184401	Jul 15, 2008	7401318	US	Issued	LSI Logic Corporation
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L05-1477	Nov 7, 2005	11267999	May 5, 2009	7529968	US	Issued	LSI Logic Corporation
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L05-1745	Oct 24, 2005	11257470	Feb 17, 2009	7493519	US	Issued	LSI Logic Corporation
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L05-2123	Jul 17, 2006	11487929	Mar 16, 2010	7681017	US	Issued	LSI Logic Corporation
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L03-0006/ID	Oct 26, 2005	11259965	Mar 27, 2010	7196420	US	Issued	LSI Logic Corporation
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LLC-2012/3C	Mar 27, 1995	08410375	Jun 27, 2000	6081004	US	Issued	LSI Logic Corporation
P-2792-DE	Jun 26, 1997	979322989	Oct 14, 2009	69739620.7	DE	Issued	LSI Logic Corporation
P-2792-GB	Jun 26, 1997	979322989	Oct 14, 2009	0978071	GB	Issued	LSI Logic Corporation
L05-2525	Jan 30, 2006	11343119	Sep 20, 2011	8023041	US	Issued	LSI Logic Corporation
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L05-2771	Sep 14, 2006	11531829	Apr 28, 2009	7525356	US	Issued	LSI Logic Corporation
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L05-2838	Feb 26, 2008	12072478	Sep 17, 2013	8539411	US	Issued	LSI Logic Corporation
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L06-0019	Aug 21, 2006	11507156	Sep 7, 2010	7793196	US	Issued	LSI Logic Corporation

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L96-135-FR	Apr 2, 1998	989197264	Sep 28, 2005	0972305	FR	Issued	LSI Logic Corporation
L96-135-NL	Apr 2, 1998	989197264	Sep 28, 2005	0972305	NL	Issued	LSI Logic Corporation
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L95-065-FR	Feb 24, 1997	979052727	May 24, 2006	0882343	FR	Issued	LSI Logic Corporation
L95-065-GB	Feb 24, 1997	979052727	May 24, 2006	0882343	GB	Issued	LSI Logic Corporation
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L06-0264	Dec 1, 2006	11565701	Sep 28, 2010	7804167	US	Issued	LSI Logic Corporation
L05-0362-CN	Mar 6, 2006	2006100595493	Apr 14, 2010	ZL200610059549.3	CN	Issued	LSI Logic Corporation
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L03-0737/1D	Mar 23, 2006	11389643	Dec 25, 2007	7312127	US	Issued	LSI Logic Corporation
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L06-0776	Jun 20, 2008	12142912	Aug 31, 2010	7788563	US	Issued	LSI Logic Corporation
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L06-0823	Jul 3, 2007	11824946	May 11, 2010	7716397	US	Issued	LSI Logic Corporation
L02-5004/1D	Apr 11, 2006	11402102	Sep 7, 2010	7793008	US	Issued	LSI Logic Corporation
L04-2348-CN	Apr 6, 2006	2006100841680	May 12, 2010	ZL200610084168.0	CN	Issued	LSI Logic Corporation
L98-035-DE	Jul 3, 2000	003055910	Jun 13, 2007	60035151.3	DE	Issued	LSI Logic Corporation
L98-035-FR	Jul 3, 2000	003055910	Jun 13, 2007	1074916	FR	Issued	LSI Logic Corporation
L98-035-GB	Jul 3, 2000	003055910	Jun 13, 2007	1074916	GB	Issued	LSI Logic Corporation
L06-0900	Nov 30, 2006	11607625	Apr 6, 2010	7694171	US	Issued	LSI Logic Corporation
L01-978/1D	Apr 11, 2006	11403137	Apr 10, 2007	7201176	US	Issued	LSI Logic Corporation
L06-0941	Jul 31, 2008	12183562	May 24, 2011	7949909	US	Issued	LSI Logic Corporation
L06-0942	Sep 19, 2006	11523139	Aug 4, 2009	7571396	US	Issued	LSI Logic Corporation
L06-0943	Sep 19, 2006	11523681	Jul 29, 2008	7405984	US	Issued	LSI Logic Corporation
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L06-0950	Dec 19, 2006	11642045	May 4, 2010	7711941	US	Issued	LSI Logic Corporation
L06-0964	Nov 21, 2006	11562189	May 18, 2010	7721021	US	Issued	LSI Logic Corporation
L06-0971	Mar 31, 2008	12058881	Feb 23, 2010	7667494	US	Issued	LSI Logic Corporation
L06-0979	Nov 23, 2007	11944488	Feb 1, 2011	7880498	US	Issued	LSI Logic Corporation
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L06-1006	Aug 24, 2006	11466867	Apr 24, 2012	8165291	US	Issued	LSI Logic Corporation
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L06-1043US1	Jul 3, 2008	12167305	Apr 10, 2012	8156391	US	Issued	LSI Logic Corporation
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L06-1114	Jul 27, 2006	11494105	Sep 21, 2010	7801223	US	Issued	LSI Logic Corporation
L02-5735/1D	Jun 1, 2006	11421722	May 26, 2009	7539960	US	Issued	LSI Logic Corporation
L06-1161	Dec 18, 2006	11640551	Dec 1, 2009	7627789	US	Issued	LSI Logic Corporation
L06-1163	Jun 11, 2007	11761320	Aug 10, 2010	7774669	US	Issued	LSI Logic Corporation
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L06-1198	Feb 13, 2007	11705852	Jan 14, 2014	8631064	US	Issued	LSI Logic Corporation
L06-1224	Apr 9, 2007	11733132	Jan 26, 2010	7653775	US	Issued	LSI Logic Corporation
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L06-1234	Aug 18, 2006	11465662	Jan 20, 2009	7480881	US	Issued	LSI Logic Corporation
L06-1247	Nov 27, 2006	11604631	Mar 8, 2011	7904647	US	Issued	LSI Logic Corporation
L06-1253	Aug 8, 2006	11500830	Apr 19, 2011	7929842	US	Issued	LSI Logic Corporation
L06-1264	Sep 20, 2006	11524125	Jun 5, 2012	8194744	US	Issued	LSI Logic Corporation
L06-1292	Mar 7, 2007	11715680	Jan 11, 2011	7870358	US	Issued	LSI Logic Corporation
L02-4398/1D/1D	Jun 22, 2006	11473627	Nov 20, 2007	7298458	US	Issued	LSI Logic Corporation
L06-1322	Feb 7, 2007	11703482	Sep 11, 2012	8265157	US	Issued	LSI Logic Corporation
11728-3510	Apr 19, 1995	08424828	Nov 6, 2001	6313519	US	Issued	LSI Logic Corporation
L06-1388	Nov 21, 2006	11562207	Feb 24, 2009	7496694	US	Issued	LSI Logic Corporation
L06-1466	Oct 24, 2006	11585524	Feb 26, 2013	8385061	US	Issued	LSI Logic Corporation
L06-1513	Oct 23, 2006	11585345	Jul 5, 2011	7973858	US	Issued	LSI Logic Corporation
L06-1536	Dec 21, 2006	11643643	Jan 17, 2012	8098735	US	Issued	LSI Logic Corporation
L06-1544	Sep 5, 2006	11516382	Mar 30, 2010	7688928	US	Issued	LSI Logic Corporation
L06-1548	Aug 24, 2006	11509361	Aug 3, 2010	7769166	US	Issued	LSI Logic Corporation
L06-1566	Jan 16, 2007	11654056	Aug 10, 2010	7774545	US	Issued	LSI Logic Corporation
L06-1568	Apr 27, 2007	11741195	Nov 2, 2010	7825522	US	Issued	LSI Logic Corporation
L06-1576	Nov 27, 2006	11604597	Aug 17, 2010	7777751	US	Issued	LSI Logic Corporation
L03-2344/1P	Jul 28, 2006	11460680	Sep 22, 2009	7594201	US	Issued	LSI Logic Corporation
L06-1596	Apr 18, 2007	11736931	Apr 7, 2009	7514974	US	Issued	LSI Logic Corporation
L06-1597	Oct 26, 2006	11588087	Dec 9, 2008	7463267	US	Issued	LSI Logic Corporation
L06-1603	Aug 8, 2007	11835780			US	Pending	LSI Logic Corporation
L06-1645	Dec 18, 2006	11641989	Jul 7, 2009	7557303	US	Issued	LSI Logic Corporation
L06-1647	Dec 21, 2006	11643642	May 6, 2008	7369066	US	Issued	LSI Logic Corporation
L06-1706	Mar 14, 2007	11724143	Mar 9, 2010	7676773	US	Issued	LSI Logic Corporation
L06-1714	Nov 30, 2006	11606541	Feb 21, 2012	8121195	US	Issued	LSI Logic Corporation
L06-1746	Dec 6, 2006	11634671	Jun 14, 2011	7961817	US	Issued	LSI Logic Corporation

L06-1754	Mar 29, 2007	11693618	May 19, 2009	7535399	US	Issued	LSI Logic Corporation
L06-1763	Mar 1, 2007	11713205	Aug 3, 2010	7769972	US	Issued	LSI Logic Corporation
L04-1203/1D	Aug 18, 2006	11506659	Nov 25, 2008	7456076	US	Issued	LSI Logic Corporation
L06-1773	May 11, 2007	11747246	Dec 30, 2008	7471118	US	Issued	LSI Logic Corporation
L06-1782	Dec 12, 2006	11637592			US	Pending	LSI Logic Corporation
L06-1788	Mar 6, 2007	11682798	Nov 24, 2009	7624223	US	Issued	LSI Logic Corporation
L06-1794	Dec 6, 2006	11634645			US	Pending	LSI Logic Corporation
L06-1799	Jan 8, 2007	11620794	Aug 12, 2014	8806227	US	Allowed	LSI Logic Corporation
L06-1800	Apr 30, 2007	11741865	Feb 15, 2011	7890565	US	Issued	LSI Logic Corporation
L06-1807	Jun 22, 2007	11821212	Aug 21, 2012	8250129	US	Issued	LSI Logic Corporation
L06-1810	Oct 9, 2008	12248187	Apr 24, 2012	8166441	US	Issued	LSI Logic Corporation
L06-1831	Jun 20, 2007	11765691	Dec 7, 2010	7849422	US	Issued	LSI Logic Corporation
L06-1838	Jan 16, 2007	11654272	Oct 11, 2011	8037262	US	Issued	LSI Logic Corporation
L06-1848	May 27, 2007	11754294	May 31, 2011	7953908	US	Issued	LSI Logic Corporation
L06-1915	Mar 12, 2008	12046676	Dec 14, 2010	7853751	US	Issued	LSI Logic Corporation
L06-1933	Feb 28, 2007	11680366	Jul 14, 2009	7562176	US	Issued	LSI Logic Corporation
L06-2016	Jul 2, 2007	11772267	Jan 20, 2009	7479703	US	Issued	LSI Logic Corporation
L06-2089	Feb 21, 2007	11709568	Jan 11, 2011	7869498	US	Issued	LSI Logic Corporation
L04-1379/1D	Oct 20, 2006	11551573	Feb 24, 2009	7496870	US	Issued	LSI Logic Corporation
L03-0730/1D	Sep 20, 2006	11524107	Aug 5, 2008	7408227	US	Issued	LSI Logic Corporation
L06-2162	Mar 12, 2008	12046603	May 8, 2012	8176492	US	Issued	LSI Logic Corporation
L06-2165	Sep 18, 2008	12212736	Jul 24, 2012	8230263	US	Issued	LSI Logic Corporation
L03-2400/1D	Sep 25, 2006	11527108	Sep 2, 2008	7420229	US	Issued	LSI Logic Corporation
L05-1952-JP	Mar 13, 2006	2006067063			JP	Pending	LSI Logic Corporation
L06-2243	Mar 26, 2007	11728366	Feb 23, 2010	7669155	US	Issued	LSI Logic Corporation
L06-2261	Apr 28, 2008	12150426	May 22, 2012	8185784	US	Issued	LSI Logic Corporation
L06-2310	May 29, 2007	11754532	Oct 5, 2010	7809899	US	Issued	LSI Logic Corporation
L06-2334	Dec 20, 2006	11613529	Oct 26, 2010	7823050	US	Issued	LSI Logic Corporation
L06-2336	Dec 20, 2006	11613256	Mar 22, 2011	7913149	US	Issued	LSI Logic Corporation
L06-2340	Jan 24, 2007	11626400	Jun 15, 2010	7739575	US	Issued	LSI Logic Corporation
P-2914-DE	Dec 16, 1997	971221304	Mar 8, 2006	69735402.4	DE	Issued	LSI Logic Corporation
P-2914-FR	Dec 16, 1997	971221304	Mar 8, 2006	0849953	FR	Issued	LSI Logic Corporation
P-2914-GB	Dec 16, 1997	971221304	Mar 8, 2006	0849953	GB	Issued	LSI Logic Corporation
P-2914-IT	Dec 16, 1997	971221304	Mar 8, 2006	0849953	IT	Issued	LSI Logic Corporation
P-2914-NL	Dec 16, 1997	971221304	Mar 8, 2006	0849953	NL	Issued	LSI Logic Corporation
L06-2365	May 19, 2008	12122898	Nov 23, 2010	7839788	US	Issued	LSI Logic Corporation
L06-1513/1C	Oct 31, 2006	11590515	Jun 14, 2011	7961252	US	Issued	LSI Logic Corporation
L06-2373	May 17, 2007	11749809	Dec 25, 2012	8340196	US	Issued	LSI Logic Corporation
L06-2374	Dec 1, 2006	11565670	Apr 26, 2011	7934139	US	Issued	LSI Logic Corporation
L02-5670/1D	Oct 31, 2006	11590516	Jul 7, 2009	7557811	US	Issued	LSI Logic Corporation
LLC-2139/1P	Nov 23, 1992	07980492	Sep 9, 1997	5666289	US	Issued	LSI Logic Corporation
L06-2454	Feb 19, 2008	12070431	Sep 13, 2011	8018729	US	Issued	LSI Logic Corporation
L06-2488	Dec 21, 2006	11643492	Nov 18, 2008	7454303	US	Issued	LSI Logic Corporation
L06-2490	Mar 26, 2007	11691240	Feb 14, 2012	8116147	US	Issued	LSI Logic Corporation
L06-2504	Feb 21, 2008	12070761	Aug 17, 2010	7779320	US	Issued	LSI Logic Corporation
L06-1838-IN	Dec 1, 2006	2233CHE2006			IN	Pending	LSI Logic Corporation
L05-1984-CN	Nov 14, 2006	200610064015X	Sep 15, 2010	ZL200610064015.X	CN	Issued	LSI Logic Corporation
L06-2545	May 7, 2007	11745108	Oct 20, 2009	7605628	US	Issued	LSI Logic Corporation
L06-2564	Mar 26, 2007	11691195	Sep 28, 2010	7805554	US	Issued	LSI Logic Corporation
L06-2622	Mar 4, 2008	12074508	Sep 10, 2013	8533707	US	Issued	LSI Logic Corporation
L06-2688	Sep 27, 2007	11862451	Jan 17, 2012	8098073	US	Issued	LSI Logic Corporation
L06-2691	Feb 21, 2008	12034745	Jul 6, 2010	7750460	US	Issued	LSI Logic Corporation
L06-2703	Oct 30, 2007	11928628	Sep 20, 2011	8023644	US	Issued	LSI Logic Corporation
L06-2704	Dec 4, 2007	11999211	Jun 14, 2011	7961872	US	Issued	LSI Logic Corporation
L06-2735-IL	May 11, 2005	168565			IL	Pending	LSI Logic Corporation
L06-2733-CN	Aug 13, 2002	028159489	Aug 8, 2007	02815948.9	CN	Issued	LSI Logic Corporation
LLC-2148/1D	Jun 7, 1995	08484177	Sep 2, 1997	5663872	US	Issued	LSI Logic Corporation
L06-2799	Mar 24, 2008	12077960	Aug 16, 2011	8000110	US	Issued	LSI Logic Corporation
L06-2824	Apr 4, 2007	11696300	Jan 25, 2011	7876861	US	Issued	LSI Logic Corporation
L06-2827	Mar 31, 2008	12059449	Mar 9, 2010	7676617	US	Issued	LSI Logic Corporation
L06-2850	May 15, 2008	12120889	Mar 13, 2012	8135906	US	Issued	LSI Logic Corporation
L05-0533-CN	Jan 4, 2007	2007100023427	Oct 20, 2010	ZL200710002342.7	CN	Issued	LSI Logic Corporation
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L07-0039	Apr 5, 2007	11696870	Apr 28, 2009	7525864	US	Issued	LSI Logic Corporation
L07-0045	Apr 2, 2007	11732092	Feb 24, 2009	7496867	US	Issued	LSI Logic Corporation
L07-0093	Mar 10, 2008	12045209	Feb 7, 2012	8112582	US	Issued	LSI Logic Corporation
L05-2525-CN	Jan 30, 2007	2007100062027	Sep 7, 2011	ZL200710006202.7	CN	Issued	LSI Logic Corporation
L05-2525-DE	Jan 29, 2007	1020070052199			DE	Pending	LSI Logic Corporation
L07-0103	Mar 18, 2008	12050298	Aug 28, 2012	8253855	US	Issued	LSI Logic Corporation
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L04-1743/1D	Feb 1, 2007	11670031	Sep 30, 2008	7430700	US	Issued	LSI Logic Corporation
L07-0205	Mar 6, 2008	12043242	May 1, 2012	8170107	US	Issued	LSI Logic Corporation
L07-0255	Jul 13, 2007	11777337	Feb 21, 2012	8121183	US	Issued	LSI Logic Corporation
L07-0267	Dec 28, 2007	11966833	Apr 10, 2012	8155246	US	Issued	LSI Logic Corporation
L07-0296	Jun 11, 2007	11760844	Oct 12, 2010	7813415	US	Issued	LSI Logic Corporation
L02-5872/1D	Feb 13, 2007	11706943	Jun 16, 2009	7548844	US	Issued	LSI Logic Corporation
L07-0389	Dec 21, 2007	11962165	Oct 19, 2010	7818695	US	Issued	LSI Logic Corporation
L07-0394	Jun 27, 2008	12163079	Sep 6, 2011	8015376	US	Issued	LSI Logic Corporation
L07-0399	Apr 14, 2008	12102173	Nov 13, 2012	8311101	US	Issued	LSI Logic Corporation
L07-0420	Jul 31, 2007	11831038	Jul 12, 2011	7978850	US	Issued	LSI Logic Corporation
L05-2837-CN	May 15, 2007	200710104998X	Mar 16, 2011	ZL200710104998	CN	Issued	LSI Logic Corporation
L07-0479	Jun 28, 2007	11770243	Oct 13, 2009	7602567	US	Issued	LSI Logic Corporation
L07-0487	Jul 31, 2007	11830958	Mar 25, 2014	8681996	US	Issued	LSI Logic Corporation
L04-0438/1C	Mar 7, 2007	11682914	Jul 1, 2008	7395478	US	Issued	LSI Logic Corporation
L07-0524	Apr 25, 2008	12109497	Jan 25, 2011	7876123	US	Issued	LSI Logic Corporation
L07-0563	Feb 28, 2008	12038974	Aug 2, 2011	7990796	US	Issued	LSI Logic Corporation
L07-0573	Aug 8, 2007	11835706	Oct 25, 2011	8046666	US	Issued	LSI Logic Corporation
L97-095-FR	Aug 6, 1998	989383708	Oct 31, 2001	1002277	FR	Issued	LSI Logic Corporation
L97-095-GB	Aug 6, 1998	989383708	Oct 31, 2001	1002277	GB	Issued	LSI Logic Corporation
L07-0583	Oct 26, 2007	11924791	Jun 9, 2009	7545205	US	Issued	LSI Logic Corporation
L01-471/1D/1D	Apr 10, 2007	11733673	Aug 19, 2008	7413984	US	Issued	LSI Logic Corporation
L03-1099/1d	Mar 15, 2007	11724663	Feb 16, 2010	7665058	US	Issued	LSI Logic Corporation
L01-1059/1D	Mar 22, 2007	11689924	Dec 2, 2008	7461107	US	Issued	LSI Logic Corporation
L07-0634	Apr 25, 2008	12109643	Jun 28, 2011	7969799	US	Issued	LSI Logic Corporation
L07-0636	Aug 23, 2007	11843768	Nov 9, 2010	7829973	US	Issued	LSI Logic Corporation
L07-0654	Mar 28, 2008	12058343	Mar 13, 2012	8135072	US	Issued	LSI Logic Corporation
L07-0669	Apr 24, 2008	12108791	Apr 13, 2010	7696915	US	Issued	LSI Logic Corporation
LLC-2175/1P/1C	Aug 8, 1994	08287128	Jun 2, 1998	5760834	US	Issued	LSI Logic Corporation

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L07-0705	Mar 18, 2008	12050311	Sep 17, 2013	8537277	US	Issued	LSI Logic Corporation
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L07-0731	Nov 18, 2009	12600749	Sep 25, 2012	8275029	US	Issued	LSI Logic Corporation
L07-0741	Dec 4, 2008	12327970	Feb 8, 2011	7886105	US	Issued	LSI Logic Corporation
L07-0744	Nov 13, 2008	12270225	Apr 3, 2012	8151176	US	Issued	LSI Logic Corporation
L07-0759	Dec 6, 2007	11951381	Oct 20, 2009	7605642	US	Issued	LSI Logic Corporation
L07-0767	Nov 7, 2007	11936292	May 31, 2011	7953200	US	Issued	LSI Logic Corporation
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L07-0818	Apr 16, 2008	12103825	Feb 22, 2011	7895550	US	Issued	LSI Logic Corporation
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L07-0827	Apr 25, 2008	12109501	Dec 14, 2010	7853901	US	Issued	LSI Logic Corporation
L07-0828	May 29, 2008	12129173	Oct 11, 2011	8036314	US	Issued	LSI Logic Corporation
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L07-0848	Jun 6, 2008	12134501	Feb 21, 2012	8121186	US	Issued	LSI Logic Corporation
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L07-0881	Apr 3, 2008	12061728	Mar 13, 2012	8134232	US	Issued	LSI Logic Corporation
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L07-0916	May 13, 2008	12119548	Feb 9, 2010	7660178	US	Issued	LSI Logic Corporation
L07-0932	May 13, 2008	12119575	Jun 30, 2009	7554133	US	Issued	LSI Logic Corporation
L07-0962	Jul 8, 2008	12169216	Mar 9, 2010	7676716	US	Issued	LSI Logic Corporation
L02-0063/1D/R1	Dec 30, 2005	11324119	Aug 17, 2010	RE41516	US	Issued	LSI Logic Corporation
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L07-1014	Oct 8, 2007	11868576	Jul 28, 2009	7567478	US	Issued	LSI Logic Corporation
L07-1030	Nov 29, 2007	11947044	Apr 3, 2012	8149915	US	Issued	LSI Logic Corporation
L07-1033	Oct 1, 2007	11865285	Feb 22, 2011	7894537	US	Issued	LSI Logic Corporation
L07-1046	Dec 3, 2007	11949187	Jul 5, 2011	7975248	US	Issued	LSI Logic Corporation
L07-1047	May 17, 2008	12122682			US	Pending	LSI Logic Corporation
L07-1100	Aug 2, 2008	12185073	Oct 26, 2010	7821327	US	Issued	LSI Logic Corporation
L07-1129	Dec 18, 2008	12337830	Oct 25, 2011	8046186	US	Issued	LSI Logic Corporation
L07-1130	May 14, 2008	12120611	Aug 31, 2010	7787325	US	Issued	LSI Logic Corporation
L07-1131	Sep 17, 2008	12212499			US	Pending	LSI Logic Corporation
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L07-1134	Sep 5, 2008	12205811	Apr 22, 2014	8705673	US	Issued	LSI Logic Corporation
L96-150-FR	Dec 15, 1997	979516739	Nov 7, 2001	0951674	FR	Issued	LSI Logic Corporation
L96-150-GB	Dec 15, 1997	979516739	Nov 7, 2001	0951674	GB	Issued	LSI Logic Corporation
L95-138-FR	Dec 17, 1996	963092226	Nov 7, 2001	0780983	FR	Issued	LSI Logic Corporation
L95-138-GB	Dec 17, 1996	963092226	Nov 7, 2001	0780983	GB	Issued	LSI Logic Corporation
P-2693/1P-DE	Apr 8, 1998	981064298	Jul 6, 2005	69830782.8	DE	Issued	LSI Logic Corporation
P-2693/1P-FR	Apr 8, 1998	981064298	Jul 6, 2005	0928012	FR	Issued	LSI Logic Corporation
P-2693/1P-GB	Apr 8, 1998	981064298	Jul 6, 2005	0928012	GB	Issued	LSI Logic Corporation
P-2693/1P-NL	Apr 8, 1998	981064298	Jul 6, 2005	0928012	NL	Issued	LSI Logic Corporation
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LLC-2196	Nov 10, 1994	08337264	Sep 24, 1996	5559532	US	Issued	LSI Logic Corporation
L02-6335/1D	Jun 6, 2007	11758975	Oct 26, 2010	7822099	US	Issued	LSI Logic Corporation
L07-1224	Feb 7, 2008	12027434			US	Pending	LSI Logic Corporation
L04-1377/1D	Jun 1, 2007	11757200	Oct 19, 2010	7818703	US	Issued	LSI Logic Corporation
L04-1381/1D	Jun 1, 2007	11757229	Jul 28, 2009	7568175	US	Issued	LSI Logic Corporation
L01-840/1C	Jun 7, 2007	11810722	May 20, 2008	7375442	US	Issued	LSI Logic Corporation
L03-0524/1D	Jun 11, 2007	11811519	Jun 10, 2008	7384801	US	Issued	LSI Logic Corporation
L07-1240	Apr 30, 2008	12112182	Jun 14, 2011	7962304	US	Issued	LSI Logic Corporation
L97-040-FR	Jul 27, 1998	989380308	Jul 4, 2007	1000399	FR	Issued	LSI Logic Corporation
L97-040-DE	Jul 27, 1998	989380308	Jul 4, 2007	69838029.0	DE	Issued	LSI Logic Corporation
L07-1275	Oct 9, 2008	12248677	Mar 12, 2013	8397184	US	Issued	LSI Logic Corporation
P-3432-DE	May 1, 1998	983034463	Jan 16, 2008	69838997.2	DE	Issued	LSI Logic Corporation
P-3432-FR	May 1, 1998	983034463	Jan 16, 2008	0877526	FR	Issued	LSI Logic Corporation
L07-1288	Mar 4, 2008	12074509	Dec 11, 2012	8332505	US	Issued	LSI Logic Corporation
NM-002000-AT	Oct 24, 1996	963076963	Mar 15, 2001	1199615	AT	Issued	LSI Logic Corporation
NM-002000-ES	Oct 24, 1996	963076963	Apr 16, 2001	2154791	ES	Issued	LSI Logic Corporation
NM-002000-FR	Oct 24, 1996	963076963	Mar 7, 2001	0772294	FR	Issued	LSI Logic Corporation
L07-1301	Sep 24, 2007	11860461	Jan 18, 2011	7873878	US	Issued	LSI Logic Corporation
L07-1319	Feb 20, 2008	12070722			US	Pending	LSI Logic Corporation
L07-1328	Jul 7, 2008	12168277	Sep 21, 2010	7800936	US	Issued	LSI Logic Corporation
L07-1363	May 29, 2007	11754953	Oct 26, 2010	7822908	US	Issued	LSI Logic Corporation
L07-1364	May 29, 2007	11754954	Jan 4, 2011	7865652	US	Issued	LSI Logic Corporation
L07-1365	May 29, 2007	11754955	Jun 14, 2011	7962676	US	Issued	LSI Logic Corporation
B3-4293-GB	Mar 29, 2000	003025905	Aug 11, 2004	1041614	GB	Issued	LSI Logic Corporation
B3-4293-DE	Mar 29, 2000	003025905	Aug 11, 2004	60012807.5	DE	Issued	LSI Logic Corporation
P-2915-GB	Jun 5, 1997	971091558	Mar 12, 2003	0811951	GB	Issued	LSI Logic Corporation
P-2790-DE	Jun 26, 1997	979322997	May 30, 2007	69737771.7	DE	Issued	LSI Logic Corporation
P-2790-GB	Jun 26, 1997	979322997	May 30, 2007	0978072	GB	Issued	LSI Logic Corporation
L07-1488	Jul 10, 2008	12171002	Apr 3, 2012	8151172	US	Issued	LSI Logic Corporation
L04-0724/1D	Jun 25, 2007	11821622	Sep 29, 2009	7596685	US	Issued	LSI Logic Corporation
L03-0139-CN/1D	Jun 11, 1999	2007101262232			CN	Pending	LSI Logic Corporation
L03-1810/1D	Jun 27, 2007	11769486	Jun 15, 2010	7738078	US	Issued	LSI Logic Corporation
L04-1803/1D	Jun 26, 2007	11768725	Feb 17, 2009	7492049	US	Issued	LSI Logic Corporation
L01-048/1D	Jun 29, 2007	11824264	Feb 17, 2009	7493541	US	Issued	LSI Logic Corporation
LLC-2213	Aug 8, 1995	08512678	Sep 2, 1997	5663076	US	Issued	LSI Logic Corporation
L07-1556	Jun 12, 2008	12138315	Feb 21, 2012	8122298	US	Issued	LSI Logic Corporation
L07-1563	Dec 19, 2008	12339667	Jan 1, 2013	8347167	US	Issued	LSI Logic Corporation
L97-040-GB	Jul 27, 1998	989380308	Jul 4, 2007	1000399	GB	Issued	LSI Logic Corporation
L99-080-FR	Nov 8, 2000	001244102	Aug 29, 2007	60036179.9	DE	Issued	LSI Logic Corporation
L99-080-FR	Nov 8, 2000	001244102	Aug 29, 2007	1100121	FR	Issued	LSI Logic Corporation
L05-0068/1D	Jul 18, 2007	11779347	May 27, 2008	7379314	US	Issued	LSI Logic Corporation
L07-1655	May 29, 2008	12129115	Apr 27, 2010	7705654	US	Issued	LSI Logic Corporation
L07-1660	Sep 2, 2008	12202717	Jul 12, 2011	7979232	US	Issued	LSI Logic Corporation
L07-1665	Oct 27, 2008	12259137	Jul 19, 2011	7983125	US	Issued	LSI Logic Corporation
L03-0197/1C	Jul 19, 2007	11879944	Aug 30, 2011	8009734	US	Issued	LSI Logic Corporation
L07-1693	Jul 9, 2008	12169696	Feb 2, 2010	7656325	US	Issued	LSI Logic Corporation
L07-1694	Dec 17, 2007	11957621	May 15, 2012	8181096	US	Issued	LSI Logic Corporation

L07-1702	Dec 18, 2008	12337880	Feb 28, 2012	8125815	US	Issued	LSI Logic Corporation
L07-1710	May 31, 2008	12131049	May 1, 2012	8171246	US	Issued	LSI Logic Corporation
L07-1715	May 2, 2008	12114462	Aug 14, 2012	8245104	US	Issued	LSI Logic Corporation
L07-1774US1	Jan 16, 2010	12669481	Jun 7, 2011	7956790	US	Issued	LSI Logic Corporation
L07-1776	Mar 10, 2008	12045036	Jan 17, 2012	8099539	US	Issued	LSI Logic Corporation
L07-1777	Apr 18, 2008	12148308	May 25, 2010	7725640	US	Issued	LSI Logic Corporation
L04-0234/ID	Aug 1, 2007	11832516	Jan 20, 2009	7480650	US	Issued	LSI Logic Corporation
L07-1802	Sep 26, 2008	12239469	Jan 11, 2011	7869251	US	Issued	LSI Logic Corporation
L07-1811	Mar 26, 2008	12079371	May 8, 2012	8176207	US	Issued	LSI Logic Corporation
L07-1836	Apr 10, 2008	12082380	Apr 20, 2010	7701977	US	Issued	LSI Logic Corporation
L07-1863	Aug 4, 2008	12185404	May 14, 2013	8443033	US	Issued	LSI Logic Corporation
L07-1864	Sep 16, 2008	12211268	Nov 13, 2012	8312072	US	Issued	LSI Logic Corporation
L07-1865	Sep 17, 2008	12211985	May 8, 2012	8176397	US	Issued	LSI Logic Corporation
L07-1866	Sep 17, 2008	12212022	Jun 26, 2012	8209589	US	Issued	LSI Logic Corporation
L03-2438/IC	Sep 4, 2007	11849580	Feb 10, 2009	7489609	US	Issued	LSI Logic Corporation
L07-1881	Apr 7, 2011	13123124	Aug 6, 2013	8503482	US	Issued	LSI Logic Corporation
L07-1886	Sep 4, 2008	12204119			US	Pending	LSI Logic Corporation
L07-1918	Oct 7, 2008	12246812	Apr 17, 2012	8160242	US	Issued	LSI Logic Corporation
L07-1928	Aug 28, 2008	12200037	Apr 2, 2013	8411853	US	Issued	LSI Logic Corporation
L07-1936	Aug 28, 2008	12200237	Oct 15, 2013	8560824	US	Issued	LSI Logic Corporation
L07-1947	Oct 27, 2008	12258907	Mar 6, 2012	8131933	US	Issued	LSI Logic Corporation
L07-1949	Apr 4, 2008	12062780	Aug 10, 2010	7773453	US	Issued	LSI Logic Corporation
L07-1950	Mar 25, 2008	12054988			US	Pending	LSI Logic Corporation
L07-1968	Oct 8, 2008	12247769	Jan 31, 2012	8108574	US	Issued	LSI Logic Corporation
L07-1969	Oct 8, 2008	12247785	Mar 22, 2011	7913124	US	Issued	LSI Logic Corporation
L07-1970	Oct 8, 2008	12247845	Dec 13, 2011	8077620	US	Issued	LSI Logic Corporation
L07-1971	Mar 31, 2008	12058984	Aug 2, 2011	7991927	US	Issued	LSI Logic Corporation
L07-1972	Mar 31, 2008	12058964	Jan 12, 2010	7646668	US	Issued	LSI Logic Corporation
L07-1979	May 16, 2006	11383551	Dec 14, 2010	7852408	US	Issued	LSI Logic Corporation
L07-1980	Dec 5, 2008	12315704	Dec 13, 2011	8078771	US	Issued	LSI Logic Corporation
L04-1060/ID	Sep 17, 2007	11856196	Nov 3, 2009	7612427	US	Issued	LSI Logic Corporation
LLC-2235	Dec 13, 1994	08357728	Jul 29, 1997	5652163	US	Issued	LSI Logic Corporation
L07-1997	Dec 16, 2008	12336186	Apr 2, 2013	8413031	US	Issued	LSI Logic Corporation
L07-1998	Mar 14, 2008	12075905	Feb 26, 2013	8387067	US	Issued	LSI Logic Corporation
P-2915-NL	Jun 5, 1997	971091558	Mar 12, 2003	0811951	NL	Issued	LSI Logic Corporation
L07-2032	Jan 23, 2009	12321643	Oct 30, 2012	8302083	US	Issued	LSI Logic Corporation
L07-2033	Jul 17, 2008	12218756	Jan 22, 2013	8359479	US	Issued	LSI Logic Corporation
L07-2042	Sep 9, 2008	12206786	Jan 8, 2013	8350379	US	Issued	LSI Logic Corporation
L06-1264-TW	Sep 19, 2007	096134831	Feb 11, 2013	1386034	TW	Issued	LSI Logic Corporation
L07-2054	May 9, 2008	12117760	Jun 7, 2011	7958473	US	Issued	LSI Logic Corporation
L07-2060	Apr 28, 2008	12150399	Nov 30, 2010	7843170	US	Issued	LSI Logic Corporation
L06-1513-TW	Sep 28, 2007	96136113	Sep 21, 2012	1373257	TW	Issued	LSI Logic Corporation
L06-1597-TW	Oct 24, 2007	96139821	Jun 21, 2013	1399648	TW	Issued	LSI Logic Corporation
L06-1714-TW	Sep 28, 2007	96136111	Jan 11, 2013	1382769	TW	Issued	LSI Logic Corporation
L06-0264-TW	Nov 21, 2007	096144051	Jul 21, 2013	1402958	TW	Issued	LSI Logic Corporation
L06-2373-TW	Nov 26, 2007	96144726	Aug 1, 2013	1404415	TW	Issued	LSI Logic Corporation
L07-0479-TW	Nov 26, 2007	96144727	Mar 1, 2013	1387864	TW	Issued	LSI Logic Corporation
L07-2105	Apr 2, 2009	12444009	May 15, 2012	8179094	US	Issued	LSI Logic Corporation
L07-2126	Jun 23, 2008	12144248	May 24, 2011	7949986	US	Issued	LSI Logic Corporation
L03-0196/IC	Dec 4, 2007	11950093	Aug 28, 2012	8254440	US	Issued	LSI Logic Corporation
L07-2143	Mar 26, 2008	12079260	Jun 7, 2011	7958298	US	Issued	LSI Logic Corporation
L07-2144	Mar 12, 2008	12075486	Apr 27, 2010	7707346	US	Issued	LSI Logic Corporation
L07-2145	Aug 15, 2008	12192444	Dec 11, 2012	8332839	US	Issued	LSI Logic Corporation
L03-0839/IC	Jan 15, 2008	12014317	Nov 16, 2010	7835441	US	Issued	LSI Logic Corporation
L07-2146	Jul 3, 2008	12167431	Nov 10, 2009	7616517	US	Issued	LSI Logic Corporation
L07-2150	May 8, 2008	12117381	Nov 30, 2010	7844929	US	Issued	LSI Logic Corporation
L02-5736/ID	Oct 15, 2007	11974600	Jun 7, 2011	7958395	US	Issued	LSI Logic Corporation
L01-1040/ID	Oct 17, 2007	11873585	Mar 23, 2010	7684326	US	Issued	LSI Logic Corporation
L03-0933/ID	Oct 25, 2007	11924385	Mar 6, 2012	8132075	US	Issued	LSI Logic Corporation
L05-1952/IC	Oct 19, 2005	11252877	Mar 3, 2009	7499146	US	Issued	LSI Logic Corporation
L03-0838/IC	Nov 9, 2007	11937632	Apr 20, 2010	7702020	US	Issued	LSI Logic Corporation
L07-2218US1	Jan 14, 2009	12353860	Jun 25, 2013	8472513	US	Issued	LSI Logic Corporation
L07-2220	Aug 6, 2008	12186981	Jun 28, 2011	7971092	US	Issued	LSI Logic Corporation
L07-2222	Feb 5, 2009	12365975	Jan 4, 2011	7864085	US	Issued	LSI Logic Corporation
L07-2270	May 23, 2006	11419886	Oct 11, 2011	8036264	US	Issued	LSI Logic Corporation
L07-2271	May 23, 2006	11419888	Jul 6, 2010	7752398	US	Issued	LSI Logic Corporation
L07-2272	May 23, 2006	11419889	Apr 27, 2010	7707363	US	Issued	LSI Logic Corporation
LLC-2249/2D	May 30, 1995	08454539	Oct 20, 1998	5824389	US	Issued	LSI Logic Corporation
L07-2287	Sep 8, 2008	12206048	Jun 21, 2011	7966592	US	Issued	LSI Logic Corporation
L05-0806/IC	Nov 28, 2007	11946243	Jun 29, 2010	7747975	US	Issued	LSI Logic Corporation
LLC-2251/ID	May 3, 1995	08434276	Dec 23, 1997	5700715	US	Issued	LSI Logic Corporation
L07-2304	May 8, 2008	12151690	Aug 9, 2011	7996576	US	Issued	LSI Logic Corporation
L07-2312	Apr 17, 2008	12104996	Jan 3, 2012	8090965	US	Issued	LSI Logic Corporation
L07-2322	Sep 28, 2001	09968476	Feb 28, 2006	7006627	US	Issued	LSI Logic Corporation
L07-2326	Aug 7, 2003	10637953	Oct 16, 2007	7283591	US	Issued	LSI Logic Corporation
L07-2328	Jul 2, 2004	10884663	Mar 31, 2009	7512592	US	Issued	LSI Logic Corporation
L07-2329	Apr 26, 2004	10831956	Sep 25, 2007	7275069	US	Issued	LSI Logic Corporation
L07-2330	Jun 2, 2005	11145262	Apr 20, 2010	7703006	US	Issued	LSI Logic Corporation
L07-2331	Jun 5, 2006	11422312	Mar 31, 2009	7512634	US	Issued	LSI Logic Corporation
L07-2332	Mar 26, 2007	11691297	Dec 28, 2010	7861157	US	Issued	LSI Logic Corporation
L07-2333	Mar 26, 2007	11691327	Mar 29, 2011	7917515	US	Issued	LSI Logic Corporation
L06-1073-TW	Nov 10, 2008	97143311	Dec 11, 2012	1379364	TW	Issued	LSI Logic Corporation
L07-2343	Oct 8, 2008	12247378			US	Pending	LSI Logic Corporation
L07-2347	Oct 17, 2008	12288221	Oct 2, 2012	8281214	US	Issued	LSI Logic Corporation
L02-5804/ID	Nov 13, 2007	11939482	Mar 2, 2010	7670645	US	Issued	LSI Logic Corporation
L07-2365	Aug 19, 2008	12193802			US	Allowed	LSI Logic Corporation
L03-0598/IC/1C	Nov 8, 2007	11937199	Jul 14, 2009	7560292	US	Issued	LSI Logic Corporation
L07-2376	Jun 13, 2008	12138920	Oct 11, 2011	8035537	US	Issued	LSI Logic Corporation
L07-2377	May 9, 2008	12117851	Jan 25, 2011	7877724	US	Issued	LSI Logic Corporation
L07-2389	Jun 19, 2008	12214458	Jan 1, 2013	8345366	US	Issued	LSI Logic Corporation
L07-2403	Dec 4, 2008	12315601	Jun 19, 2012	8205123	US	Issued	LSI Logic Corporation
L07-2407US1	May 11, 2009	12463585	Feb 26, 2013	8386827	US	Issued	LSI Logic Corporation
L07-2416	Jun 30, 2008	12164342	Jul 3, 2012	8214597	US	Issued	LSI Logic Corporation
L07-2431US1	Jun 16, 2009	12485164	Jul 16, 2013	8488489	US	Issued	LSI Logic Corporation
L07-2464	Nov 18, 2008	12273265	Apr 12, 2011	7924523	US	Issued	LSI Logic Corporation
L07-2474	Jun 3, 2008	12156607	May 10, 2011	7940140	US	Issued	LSI Logic Corporation
L03-2051/ID	Dec 19, 2007	11960554	Jun 7, 2011	7955919	US	Issued	LSI Logic Corporation
L07-2479	Sep 18, 2008	12233579	Jan 10, 2012	8095848	US	Issued	LSI Logic Corporation

L07-2480	Jun 12, 2008	12138309	May 15, 2012	8181078	US	Issued	LSI Logic Corporation
L07-2481US1	Jul 30, 2009	12512258	Nov 15, 2011	8060663	US	Issued	LSI Logic Corporation
L07-2490	Dec 7, 2009	12663355			US	Pending	LSI Logic Corporation
L07-2491	Dec 7, 2009	12663336	Nov 8, 2011	8054573	US	Issued	LSI Logic Corporation
L07-2497	Dec 18, 2008	12337775	Apr 19, 2011	7929240	US	Issued	LSI Logic Corporation
L05-0841/IC	Dec 4, 2007	11999300	Jan 5, 2010	7643958	US	Issued	LSI Logic Corporation
L07-2505	May 9, 2008	12117840	Apr 3, 2012	8151160	US	Issued	LSI Logic Corporation
LLC-2263-JP	Oct 27, 1994	06263351	Feb 4, 2005	3642809	JP	Issued	LSI Logic Corporation
L07-2527	Jul 30, 2008	12182443	Oct 9, 2012	8286060	US	Issued	LSI Logic Corporation
L07-2528	Aug 4, 2008	12221484	Sep 3, 2013	8527851	US	Issued	LSI Logic Corporation
L04-1743/1D/1C	Dec 27, 2007	11964920	Jul 21, 2009	7565592	US	Issued	LSI Logic Corporation
L07-0731-TW	Jan 9, 2008	97100840	Feb 11, 2012	1358200	TW	Issued	LSI Logic Corporation
L07-2537	Jun 26, 2008	12215290			US	Pending	LSI Logic Corporation
L07-2539	Mar 31, 2008	12058824	Feb 14, 2012	8115531	US	Issued	LSI Logic Corporation
L07-2541	Dec 31, 2008	12347783	Nov 29, 2011	8069285	US	Issued	LSI Logic Corporation
L07-2542	Jan 26, 2009	12359461			US	Pending	LSI Logic Corporation
LLC-2265	Feb 4, 1994	08192228	Oct 28, 1997	5681779	US	Issued	LSI Logic Corporation
L07-2581	Nov 13, 2008	12270713	Aug 14, 2012	8245120	US	Issued	LSI Logic Corporation
L07-2582	Jul 1, 2008	12217201	Sep 13, 2011	8019953	US	Issued	LSI Logic Corporation
L08-0005	Sep 18, 2008	12212680	Nov 13, 2012	8312215	US	Issued	LSI Logic Corporation
L08-0010	Jul 14, 2008	12172384	Oct 18, 2011	8041891	US	Issued	LSI Logic Corporation
L03-2365/1C	Feb 4, 2008	12025233	Feb 9, 2010	7659939	US	Issued	LSI Logic Corporation
L08-0021	Dec 19, 2008	12339232	Nov 23, 2010	7839716	US	Issued	LSI Corporation
L08-0030	Sep 12, 2008	12210051	Sep 4, 2012	8261015	US	Issued	LSI Logic Corporation
L01-674/1C	Jan 15, 2008	12008946	Jul 13, 2010	7757024	US	Issued	LSI Logic Corporation
L08-0042	Aug 27, 2008	12199325	Apr 12, 2011	7924518	US	Issued	LSI Logic Corporation
L08-0059US1	Apr 28, 2009	12430927	May 14, 2013	8443267	US	Issued	LSI Corporation
L03-1922/1D	Jan 23, 2008	12018544	Feb 22, 2011	7893993	US	Issued	LSI Logic Corporation
L04-0928/1C	Jan 25, 2008	12020213	Jul 7, 2009	7558166	US	Issued	LSI Logic Corporation
L08-0084	Jun 24, 2008	12144777	Jul 17, 2012	8224944	US	Issued	LSI Logic Corporation
L05-0233/1D	Jan 24, 2008	12018849	Sep 1, 2009	7582566	US	Issued	LSI Logic Corporation
L03-2202/1D	Jan 29, 2008	12021728			US	Pending	LSI Logic Corporation
L08-0102US1	Apr 17, 2009	12425626	Jun 3, 2014	8745439	US	Issued	LSI Corporation
L08-0103US1	Feb 26, 2009	12393358			US	Pending	LSI Corporation
L08-0104	Apr 29, 2008	12111836	Apr 9, 2013	8418102	US	Issued	LSI Logic Corporation
L08-0111	Oct 14, 2008	12251088	May 15, 2012	8181144	US	Issued	LSI Logic Corporation
L07-2326/1C	Oct 16, 2007	11873328	Jul 21, 2009	7564379	US	Issued	LSI Logic Corporation
LLC-2274/1C	Jul 24, 1996	08685772	Nov 18, 1997	5689134	US	Issued	LSI Logic Corporation
L99-080-GB	Nov 8, 2000	001244102	Aug 29, 2007	1100121	GB	Issued	LSI Logic Corporation
L08-0145	Dec 10, 2008	12331561	Feb 28, 2012	8125091	US	Issued	LSI Logic Corporation
L99-127-DE	Jan 30, 2001	011016839	Mar 12, 2008	60133155.9	DE	Issued	LSI Logic Corporation
L99-127-FR	Jan 30, 2001	011016839	Mar 12, 2008	1143528	FR	Issued	LSI Logic Corporation
L08-0169	Jul 17, 2008	12175360	Jul 24, 2012	8228689	US	Issued	LSI Logic Corporation
L03-0836/1C	Feb 26, 2008	12037388	Apr 17, 2012	8160148	US	Issued	LSI Logic Corporation
L04-1868/1D	Mar 11, 2008	12046169	Feb 9, 2010	7661083	US	Issued	LSI Logic Corporation
L08-0185US1	Mar 24, 2009	12409559	Nov 22, 2011	8065558	US	Issued	LSI Corporation
L08-0199	Jun 26, 2008	12146545			US	Pending	LSI Logic Corporation
L08-0204	Jun 26, 2008	12215223	Jul 23, 2013	8495348	US	Issued	LSI Logic Corporation
LLC-2281	Jun 7, 1995	08485517	Dec 9, 1997	5696428	US	Issued	LSI Logic Corporation
L08-0209	Jul 2, 2008	12217152	Oct 18, 2011	8041849	US	Issued	LSI Logic Corporation
L07-2376-TW	Jan 13, 2009	098101082			TW	Pending	LSI Logic Corporation
L08-0105TW1	Jun 12, 2008	97121876	Jan 11, 2014	1423020	TW	Issued	LSI Corporation
LLC-2282/1D	Jun 5, 1995	08470945	Oct 13, 1998	5821624	US	Issued	LSI Logic Corporation
L07-1703-TW	Aug 5, 2008	97129666			TW	Pending	LSI Logic Corporation
L07-1774-TW	Aug 5, 2008	097129668			TW	Pending	LSI Logic Corporation
L08-0233US1	Jan 2, 2009	12348236	May 24, 2011	7948699	US	Issued	LSI Corporation
L03-0847/1C	Jun 17, 2008	12140502	Jun 29, 2010	7746722	US	Issued	LSI Logic Corporation
L00-100/1D	Oct 21, 2003	10691078	Feb 14, 2006	7000169	US	Issued	LSI Logic Corporation
L08-0237	Sep 16, 2008	12211188	Feb 28, 2012	8127182	US	Issued	LSI Logic Corporation
LLC-2284	Jun 7, 1995	08473543	Aug 19, 1997	5659189	US	Issued	LSI Logic Corporation
L08-0240	Jul 9, 2008	12169703	Jan 10, 2012	8095845	US	Issued	LSI Logic Corporation
L08-0242US1	Apr 8, 2009	12420535	Dec 4, 2012	8327235	US	Issued	LSI Corporation
L08-0243US1	Mar 30, 2010	12680810	Nov 20, 2012	8316272	US	Issued	LSI Corporation
L08-0244US1	Jul 28, 2009	12510639	Aug 20, 2013	8516330	US	Issued	LSI Corporation
L08-0245US1	Aug 12, 2009	12540078	Apr 15, 2014	8700976	US	Issued	LSI Corporation
L08-0248US1	Mar 10, 2009	12401116	May 21, 2013	8448039	US	Issued	LSI Corporation
LLC-2284/1D	Jun 11, 1996	08665016	Jul 22, 1997	5650348	US	Issued	LSI Logic Corporation
L08-0250US1	Jun 1, 2009	12475786	Dec 10, 2013	8607115	US	Issued	LSI Corporation
LLC-2284/1P	Jun 7, 1995	08484849	Feb 24, 1998	5721151	US	Issued	LSI Logic Corporation
L08-0265	Jul 9, 2008	12170030	Sep 21, 2010	7802159	US	Issued	LSI Logic Corporation
L99-127-GB	Jan 30, 2001	011016839	Mar 12, 2008	1143528	GB	Issued	LSI Logic Corporation
L99-127-NL	Jan 30, 2001	011016839	Mar 12, 2008	1143528	NL	Issued	LSI Logic Corporation
L07-2491-TW	Nov 13, 2008	97143920			TW	Pending	LSI Logic Corporation
L07-2391-TW	Nov 13, 2008	97143917			TW	Allowed	LSI Logic Corporation
L08-0282	Sep 30, 2008	12241919	Jul 17, 2012	8225183	US	Issued	LSI Logic Corporation
L08-0283	Oct 31, 2008	12262550	May 29, 2012	8190831	US	Issued	LSI Logic Corporation
L08-0284	Jul 23, 2008	12178064			US	Pending	LSI Logic Corporation
L08-0285	Sep 26, 2008	12238858	Oct 23, 2012	8296782	US	Issued	LSI Logic Corporation
L08-0302	Nov 20, 2008	12274547	Aug 16, 2011	8001432	US	Issued	LSI Logic Corporation
LLC-2289	Jul 19, 1994	08277344	Jan 9, 1996	5482897	US	Issued	LSI Logic Corporation
L08-0324	Dec 12, 2008	12333840	Mar 5, 2013	8392692	US	Issued	LSI Logic Corporation
L08-0326	Oct 20, 2008	12254421	Jul 20, 2010	7760578	US	Issued	LSI Logic Corporation
L08-0365	Dec 30, 2008	12345947	Mar 19, 2013	8402213	US	Issued	LSI Logic Corporation
L08-0370	Oct 15, 2008	12287959	Jun 12, 2012	8201051	US	Issued	LSI Logic Corporation
L08-0371US2	Mar 11, 2009	12402359	Apr 2, 2013	8413029	US	Issued	LSI Corporation
L08-0382	Jun 12, 2008	12138321	May 29, 2012	8190983	US	Issued	LSI Logic Corporation
L08-0391	Jul 30, 2008	12182174	Aug 17, 2010	7775611	US	Issued	LSI Logic Corporation
L08-0392	Jul 25, 2008	12179736	Jan 3, 2012	8090992	US	Issued	LSI Logic Corporation
L08-0393	Oct 1, 2008	12243768	Aug 16, 2011	8001497	US	Issued	LSI Logic Corporation
L03-2046/1C	May 1, 2008	12150846	Dec 29, 2009	7640152	US	Issued	LSI Logic Corporation
L08-0399	Jul 16, 2009	12523509			US	Pending	LSI Corporation
L08-0402US1	Apr 17, 2009	12425757	Aug 2, 2011	7990642	US	Issued	LSI Corporation
L08-0403US1	Aug 11, 2009	12538915	Aug 14, 2012	8245098	US	Issued	LSI Corporation
L08-0404	Sep 16, 2008	12211139	Jun 7, 2011	7958282	US	Issued	LSI Logic Corporation
L08-0424	Oct 30, 2008	12261163	Jun 1, 2010	7730252	US	Issued	LSI Logic Corporation
L08-0425	Oct 30, 2008	12261219	Feb 15, 2011	7890617	US	Issued	LSI Logic Corporation
L08-0427	Sep 16, 2008	12211138	Aug 20, 2013	8516189	US	Issued	LSI Logic Corporation
L08-0428US1	Apr 15, 2011	13124474	Jun 24, 2014	8761916	US	Issued	LSI Corporation

L08-0429US1	Aug 18, 2010	12918253	May 21, 2013	8447988	US	Issued	LSI Corporation
L08-0430	Sep 17, 2008	12212365			US	Pending	LSI Logic Corporation
L08-0434	Aug 18, 2008	12193566	Apr 24, 2012	8166428	US	Issued	LSI Logic Corporation
L08-0435	Aug 8, 2008	12188216			US	Pending	LSI Logic Corporation
L08-0436	Feb 8, 2011	13058176	Sep 17, 2013	8539424	US	Issued	LSI Corporation
L08-0439	Nov 18, 2008	12313205	Oct 18, 2011	8041991	US	Issued	LSI Logic Corporation
L04-0824/1C	May 16, 2008	12122307	Oct 11, 2011	8037448	US	Issued	LSI Logic Corporation
L08-0448	Aug 13, 2008	12190784	Jun 28, 2011	7971169	US	Issued	LSI Logic Corporation
L04-0977/1C	May 15, 2008	12120965	May 17, 2011	7945878	US	Issued	LSI Logic Corporation
L08-0457	Dec 3, 2008	12315400	Sep 3, 2013	8527720	US	Issued	LSI Corporation
L08-0458	Nov 21, 2008	12313593			US	Pending	LSI Logic Corporation
L08-0460	Jul 30, 2008	12182330	Jun 11, 2013	8464198	US	Issued	LSI Logic Corporation
L08-0462	Aug 8, 2008	12188227	Jul 9, 2013	8482329	US	Issued	LSI Logic Corporation
L03-2326/1D	May 8, 2008	12117379	Apr 19, 2011	7930655	US	Issued	LSI Logic Corporation
L08-0469US1	Jan 12, 2009	12352540	Jan 18, 2011	7872823	US	Issued	LSI Corporation
L08-0471	May 22, 2009	12470704	May 15, 2012	8180935	US	Issued	LSI Corporation
L08-0472US1	Feb 25, 2009	12392483	Aug 2, 2011	7990961	US	Issued	LSI Corporation
L08-0473	Jul 24, 2008	12179070	Aug 5, 2014	8799839	US	Pending	LSI Corporation
L08-0474	Nov 19, 2008	12273913	May 18, 2010	7719368	US	Issued	LSI Logic Corporation
L08-0481	Nov 16, 2010	12992933	Mar 18, 2014	8675298	US	Issued	LSI Corporation
L08-0482	Dec 18, 2008	12337805	Jun 21, 2011	7965467	US	Issued	LSI Logic Corporation
L08-0485	Dec 18, 2008	12337828	Apr 10, 2012	8154815	US	Issued	LSI Logic Corporation
L08-0487	Jun 1, 2009	12475694	Feb 19, 2013	8379665	US	Issued	LSI Corporation
LLC 2298	May 9, 1994	08239983	Jun 2, 1998	5761466	US	Issued	LSI Logic Corporation
L08-0492US1	Feb 26, 2009	12393269			US	Pending	LSI Corporation
L08-0493	Sep 15, 2008	12210470	May 29, 2012	8190972	US	Issued	LSI Logic Corporation
L08-0495	Dec 18, 2008	12337850	May 24, 2011	7948702	US	Issued	LSI Logic Corporation
L01-653/1P/1D	May 5, 2008	12151250	Aug 23, 2011	8005344	US	Issued	LSI Logic Corporation
L08-0510US1	Oct 31, 2008	12290590	Dec 25, 2012	8341349	US	Issued	LSI Logic Corporation
L07-2062-TW	Jul 15, 2008	097126749	Mar 1, 2013	1388105	TW	Issued	LSI Logic Corporation
L08-0514	Sep 29, 2008	12240046	Jan 24, 2012	8102910	US	Issued	LSI Logic Corporation
L08-0521	Oct 9, 2008	12248734	Apr 3, 2012	8151086	US	Issued	LSI Logic Corporation
L08-0091-TW	Oct 9, 2008	97138860	Aug 1, 2013	1404383	TW	Issued	LSI Logic Corporation
L08-0204-TW	Jul 16, 2008	097126897	Feb 21, 2013	1386797	TW	Issued	LSI Corporation
L04-0800/1D	May 30, 2008	12156281	Sep 6, 2011	8015540	US	Issued	LSI Logic Corporation
L08-0541	Dec 10, 2008	12332123	Oct 19, 2010	7818483	US	Issued	LSI Logic Corporation
L08-0550	Sep 16, 2008	12211238	Oct 25, 2011	8046726	US	Issued	LSI Logic Corporation
L08-0554US1	Apr 17, 2009	12425824	Jan 1, 2013	8347155	US	Issued	LSI Corporation
L08-0556US1	Jun 1, 2009	12475838	Feb 14, 2012	8116330	US	Issued	LSI Corporation
L08-0557	Jan 27, 2009	12360529	Oct 4, 2011	8032665	US	Issued	LSI Corporation
L08-0562	Nov 21, 2008	12313595	Mar 18, 2014	8677095	US	Issued	LSI Logic Corporation
L08-0568US	Oct 16, 2008	12288037			US	Pending	LSI Logic Corporation
L08-0283-TW	Jan 13, 2009	098101072			TW	Allowed	LSI Corporation
L08-0282-TW	Jan 13, 2009	098101075			TW	Allowed	LSI Corporation
L03-1237/1C	Jun 16, 2008	12140144	Feb 2, 2010	7657774	US	Issued	LSI Logic Corporation
L02-4469/1C	Jun 6, 2008	12134788	Apr 13, 2010	7697629	US	Issued	LSI Logic Corporation
LLC 2300-JP	Oct 18, 1994	07512704	Apr 13, 2007	3942630	JP	Issued	LSI Logic Corporation
L08-0584US1	Mar 30, 2009	12414217	Apr 10, 2012	8155518	US	Issued	LSI Corporation
L08-0592US1	Jun 18, 2009	12487638	Aug 21, 2012	8250434	US	Issued	LSI Corporation
L08-0601	Nov 3, 2008	12264080	Apr 23, 2013	8429261	US	Issued	LSI Logic Corporation
L06-0964-EPO	Sep 21, 2007	078430154			EP	Pending	LSI Logic Corporation
L06-0964-JP	Sep 21, 2007	2009537250	Aug 3, 2012	5055376	JP	Issued	LSI Logic Corporation
L06-0964-KR	Sep 21, 2007	1020087019981	Jun 25, 2014	10-1414017	KR	Issued	LSI Logic Corporation
L06-0964-CN	Sep 21, 2007	2007800056024	Apr 3, 2013	ZL 200780005602.4	CN	Issued	LSI Logic Corporation
L08-0609	Oct 14, 2008	12251110	Jul 17, 2012	8225257	US	Issued	LSI Logic Corporation
L08-0639	Feb 25, 2009	12380237	May 8, 2012	8176399	US	Issued	LSI Corporation
L08-0641	Dec 15, 2008	12335096	Jan 29, 2013	8365049	US	Issued	LSI Corporation
L08-0642US2	Jun 17, 2010	12808844			US	Pending	LSI Corporation
L07-1301-JP	Sep 19, 2008	2008241616	Feb 3, 2012	4916033	JP	Issued	LSI Logic Corporation
L08-0649	Dec 4, 2008	12327987	Aug 31, 2010	7787252	US	Issued	LSI Logic Corporation
LLC-2303/1C/1C	Dec 9, 1996	08762309	Jun 9, 1998	5765182	US	Issued	LSI Logic Corporation
L05-1514/1D	Jun 13, 2008	12139185	Apr 5, 2011	7919354	US	Issued	LSI Logic Corporation
L05-0526/1D	Jun 16, 2008	12139974	Apr 24, 2012	8166440	US	Issued	LSI Logic Corporation
LLC-2304/1C	Apr 13, 1995	08421321	Sep 3, 1996	5553023	US	Issued	LSI Logic Corporation
L08-0671US1	Jun 24, 2009	12491038	Jan 8, 2013	8352841	US	Issued	LSI Corporation
LLC-2305/1P	May 31, 1995	08443887	Jan 14, 1997	5594886	US	Issued	LSI Logic Corporation
L08-0691US1	Jan 27, 2009	12360193			US	Pending	LSI Corporation
L03-1054/1C	Jun 17, 2008	12140773	Feb 26, 2013	8384165	US	Issued	LSI Logic Corporation
L08-0700	Sep 29, 2008	12240210	Feb 7, 2012	8112734	US	Issued	LSI Logic Corporation
L03-1127/1C	Aug 1, 2008	12184961	Aug 30, 2011	8010708	US	Issued	LSI Logic Corporation
L08-0704	Dec 31, 2008	12346900	Sep 21, 2010	7800420	US	Issued	LSI Corporation
L08-0705US1	Jul 30, 2008	12512257	Nov 27, 2012	8321746	US	Issued	LSI Corporation
L08-0710US1	Jul 28, 2009	12510859	Nov 13, 2012	8312343	US	Issued	LSI Corporation
L08-0711US1	Jul 28, 2009	12510885	Jun 4, 2013	8458553	US	Issued	LSI Corporation
L08-0715	Jan 15, 2009	12321044			US	Pending	LSI Corporation
L08-0718	Dec 16, 2008	12335870	Sep 17, 2013	8539009	US	Issued	LSI Logic Corporation
LLC-2307	Aug 12, 1994	08289886	Aug 4, 1998	5790611	US	Issued	LSI Logic Corporation
L97-040-IT	Jul 27, 1998	989380308	Jul 4, 2007	1000399	IT	Issued	LSI Logic Corporation
B3-4293-FR	Mar 29, 2000	003025905	Aug 11, 2004	1041614	FR	Issued	LSI Logic Corporation
B3-4293-NL	Mar 29, 2000	003025905	Aug 11, 2004	1041614	NL	Issued	LSI Logic Corporation
L08-0725	Dec 9, 2008	12330828	Mar 8, 2011	7902904	US	Issued	LSI Logic Corporation
L08-0556-TW	Dec 11, 2009	098142596	Mar 11, 2013	1388989	TW	Issued	LSI Corporation
LLC-2309	Nov 13, 1995	08557721	Apr 28, 1998	5744399	US	Issued	LSI Logic Corporation
LLC-2310	Jun 7, 1995	08485060	Apr 14, 1998	5739584	US	Issued	LSI Logic Corporation
L08-0457-TW	May 11, 2009	098115503	Nov 21, 2013	1416325	TW	Issued	LSI Corporation
L08-0458-TW	Mar 25, 2009	98109656			TW	Pending	LSI Corporation
L08-0748	Dec 12, 2008	12334403	May 29, 2012	8191029	US	Issued	LSI Logic Corporation
L08-0752US1	Jan 7, 2011	13003058	Nov 5, 2013	8578146	US	Issued	LSI Corporation
L03-0066/1D/1D	Jul 3, 2008	12167381	Dec 29, 2009	7638245	US	Issued	LSI Logic Corporation
L08-0768	Nov 24, 2008	12276490	Nov 13, 2012	8310447	US	Issued	LSI Logic Corporation
L08-0772	Nov 29, 2008	12325149	Jul 9, 2013	8484506	US	Issued	LSI Logic Corporation
L04-0023/1C	Jul 15, 2008	12173135	May 10, 2011	7940615	US	Issued	LSI Logic Corporation
L04-1544/1C	Jul 16, 2008	12174479	Nov 9, 2010	7829424	US	Issued	LSI Logic Corporation
L08-0802US1	Sep 18, 2009	12562200	Nov 13, 2012	8312359	US	Issued	LSI Corporation
LLC-2315	Jun 7, 1995	08474794	Oct 7, 1997	5674774	US	Issued	LSI Logic Corporation
L08-0816	Dec 19, 2008	12339105	Jul 5, 2011	7975104	US	Issued	LSI Logic Corporation
L08-0823US1	Jul 29, 2009	12511429	Mar 13, 2012	8134395	US	Issued	LSI Corporation
L08-0824US1	Sep 14, 2009	12558611	Dec 13, 2011	8078926	US	Issued	LSI Corporation

L08-0828US1		Jun 29, 2009	12493658		May 15, 2012	8181147	US	Issued	LSI Corporation
LLC-2317		Nov 4, 1994	08334747		Nov 25, 1997	5692023	US	Issued	LSI Logic Corporation
L08-0837US1		Nov 5, 2009	12613456				US	Pending	LSI Corporation
L08-0840		Dec 17, 2008	12337398		Nov 8, 2011	8055467	US	Issued	LSI Logic Corporation
L08-0843		Dec 12, 2008	12333329		May 17, 2011	7945733	US	Issued	LSI Logic Corporation
L04-0914/1C		Aug 14, 2008	12191445		Nov 22, 2011	8065479	US	Issued	LSI Logic Corporation
LLC-2319/1D		Jun 5, 1995	08461387		Jul 22, 1997	5650648	US	Issued	LSI Logic Corporation
L08-0876		Dec 17, 2008	12337551		Mar 13, 2012	8135976	US	Issued	LSI Logic Corporation
L08-0879US1		Feb 5, 2009	12366551		Feb 28, 2012	8127165	US	Issued	LSI Corporation
L08-0881US1		Jan 2, 2009	12348142		Jan 1, 2013	8347041	US	Issued	LSI Corporation
LLC-2321		May 15, 1995	08441539		Jun 16, 1998	5768130	US	Issued	LSI Logic Corporation
L08-0900US1		Sep 14, 2009	12558615				US	Pending	LSI Corporation
L08-0905		Aug 27, 2008	12199379		Dec 28, 2010	7859780	US	Issued	LSI Logic Corporation
L08-0906		Oct 20, 2008	12254737		Sep 6, 2011	8014099	US	Issued	LSI Logic Corporation
L08-0914		Dec 12, 2008	12333327		Aug 30, 2011	8010743	US	Issued	LSI Logic Corporation
LLC-2323		Mar 17, 1995	08406017		Dec 9, 1997	5696836	US	Issued	LSI Logic Corporation
L08-0917US1		Jun 2, 2009	12476386				US	Pending	LSI Corporation
L08-0922US1		Sep 9, 2009	12556145		May 8, 2012	8176404	US	Issued	LSI Corporation
L08-0923US1		Apr 16, 2009	12424559		May 8, 2012	8176390	US	Issued	LSI Corporation
L04-0467/1D		Aug 5, 2008	12185864		Oct 18, 2011	8042072	US	Issued	LSI Logic Corporation
L08-0925US1		Jul 30, 2009	12512235		Aug 21, 2012	8250431	US	Issued	LSI Corporation
L08-0928		Nov 26, 2008	12323625		Mar 20, 2012	8140514	US	Issued	LSI Logic Corporation
LLC-2325		Apr 19, 1994	08230383		Dec 5, 2000	6155725	US	Issued	LSI Logic Corporation
L07-1710-TW		Jan 21, 2009	098102353		Jan 1, 2014	1421712	TW	Issued	LSI Logic Corporation
L05-1847/1D		Aug 5, 2008	12186159		Oct 11, 2011	8037432	US	Issued	LSI Logic Corporation
L08-0642-TW		Feb 9, 2009	098104085				TW	Pending	LSI Corporation
L03-0970/1C		Aug 13, 2008	12190629		Jul 31, 2012	8233547	US	Issued	LSI Logic Corporation
L08-0946US1		Jan 15, 2009	12353971		Aug 23, 2011	8004312	US	Issued	LSI Corporation
LLC-2327		Apr 19, 1994	08229624		Jun 22, 1999	5914887	US	Issued	LSI Logic Corporation
L08-0961		May 28, 2009	12473437		Apr 3, 2012	8151137	US	Issued	LSI Corporation
L08-0966		Dec 2, 2008	12326576		May 29, 2012	8190844	US	Issued	LSI Logic Corporation
L02-4397/1D/1D		Aug 13, 2008	12191171		Jan 12, 2010	7646077	US	Issued	LSI Logic Corporation
LLC-2328/1C		Jul 26, 1996	08687762		Sep 15, 1998	5808474	US	Issued	LSI Logic Corporation
L08-0977US1		Mar 10, 2009	12401445		Nov 13, 2012	8312370	US	Issued	LSI Corporation
L08-0993		Dec 18, 2008	12337925		May 7, 2013	8438204	US	Issued	LSI Corporation
L08-0997		Dec 18, 2008	12337907		Jun 12, 2012	8200907	US	Issued	LSI Logic Corporation
L05-1285/1D		Sep 15, 2008	12283820		Jun 23, 2009	7550839	US	Issued	LSI Logic Corporation
L08-1004US1		Jul 21, 2009	12506831				US	Pending	LSI Corporation
L03-2097/1D		Aug 22, 2008	12229446		Apr 3, 2012	8151237	US	Issued	LSI Logic Corporation
L08-1013		Dec 18, 2008	12337628		Apr 26, 2011	7932762	US	Issued	LSI Corporation
L08-1014		Dec 22, 2008	12341825		Jun 26, 2012	8209573	US	Issued	LSI Logic Corporation
L04-0825/1D		Sep 4, 2008	12204290		Jul 27, 2010	7763414	US	Issued	LSI Logic Corporation
L04-1631/1C		Sep 18, 2008	12212760		May 18, 2010	7719618	US	Issued	LSI Logic Corporation
L06-1597/1D		Sep 18, 2008	12212878		Dec 14, 2010	7852344	US	Issued	LSI Logic Corporation
L08-1034		Dec 31, 2008	12347910		Feb 15, 2011	7888815	US	Issued	LSI Corporation
L08-1044		Oct 6, 2008	12246195		May 8, 2012	8176405	US	Issued	LSI Logic Corporation
L04-1482/1D		Aug 29, 2008	12201575		Apr 10, 2012	8156454	US	Issued	LSI Logic Corporation
L08-1047US1		Apr 15, 2010	12761024				US	Pending	LSI Corporation
L08-1049US2		May 11, 2009	12463626		Jul 5, 2011	7974030	US	Issued	LSI Corporation
L03-1040/1C		Sep 25, 2008	12237741		Apr 26, 2011	7933331	US	Issued	LSI Logic Corporation
L02-0160/1C		Sep 16, 2008	12211317		May 24, 2011	7949776	US	Issued	LSI Logic Corporation
L08-1067US1		Jun 28, 2010	12824774		Jan 15, 2013	8354832	US	Issued	LSI Corporation
L08-1075US2		Apr 2, 2009	12384289		Dec 7, 2010	7849248	US	Issued	LSI Corporation
L08-1081US1		Apr 30, 2009	12387275				US	Pending	LSI Corporation
L08-1096		Dec 16, 2008	12336472		Jan 8, 2013	8352818	US	Issued	LSI Logic Corporation
L08-1097US1		Sep 30, 2009	12570326		Apr 16, 2013	8422609	US	Issued	LSI Corporation
L08-1100US1		Oct 30, 2009	12609031		Jul 5, 2011	7974369	US	Issued	LSI Corporation
L08-1118		May 5, 2009	12435538		Dec 4, 2012	8325793	US	Issued	LSI Corporation
L08-1133US1		Apr 29, 2009	12432004		Oct 25, 2011	8046631	US	Issued	LSI Corporation
L08-1142		Dec 31, 2008	12347916		Aug 7, 2012	8239801	US	Issued	LSI Corporation
L08-1149US1		Jul 16, 2009	12504426		Nov 1, 2011	8051050	US	Issued	LSI Corporation
L08-1154US1		Aug 26, 2009	12548303		Mar 6, 2012	8131688	US	Issued	LSI Corporation
L08-1164		Dec 18, 2008	12337629		Apr 9, 2013	8418008	US	Issued	LSI Logic Corporation
L04-2042/1C		Oct 13, 2008	12250017		Jan 4, 2011	7865661	US	Issued	LSI Logic Corporation
L08-1177US1		Apr 22, 2009	12427771		Oct 1, 2013	8546977	US	Issued	LSI Corporation
L08-1179US1		Aug 12, 2009	12540283		Sep 11, 2012	8266505	US	Issued	LSI Corporation
L08-1181US1		Sep 9, 2009	12556180		May 8, 2012	8176400	US	Issued	LSI Corporation
L08-1182		Mar 24, 2009	12383396				US	Pending	LSI Corporation
L08-1191US1		Apr 16, 2009	12386410		Nov 8, 2011	8055815	US	Issued	LSI Corporation
L08-1193US1		Jan 4, 2010	12651956		Nov 5, 2013	8578253	US	Issued	LSI Corporation
L08-1196US1		Nov 5, 2009	12613437		Sep 18, 2012	8271811	US	Issued	LSI Corporation
L08-1197US1		Mar 31, 2009	12384001		Dec 11, 2012	8332549	US	Issued	LSI Corporation
L08-1198US1		Mar 31, 2009	12384028		Sep 3, 2013	8527718	US	Issued	LSI Corporation
L08-1208		Nov 12, 2008	12269123		Sep 25, 2012	8276041	US	Issued	LSI Logic Corporation
L07-1881-TW		Jan 21, 2009	098102345		Feb 11, 2014	1423691	TW	Issued	LSI Logic Corporation
L07-2042-TW		Jan 21, 2009	098102349				TW	Allowed	LSI Logic Corporation
LLC-2339/1P		May 4, 1995	08434673		Aug 5, 1997	5654210	US	Issued	LSI Logic Corporation
L08-1211US1		Mar 31, 2010	12751960		Apr 23, 2013	8429500	US	Issued	LSI Corporation
L08-1219US1		Apr 29, 2009	12387178		Feb 18, 2014	8656070	US	Issued	LSI Corporation
L08-1221US1		Apr 29, 2009	12387189		Jun 11, 2013	8464034	US	Issued	LSI Corporation
L08-1229US1		May 13, 2009	12465521		Jan 3, 2012	8089261	US	Issued	LSI Corporation
L08-1235US1		Jun 5, 2009	12478771		Mar 27, 2012	8145840	US	Issued	LSI Corporation
L08-1237US1		Jan 4, 2010	12651547		Mar 25, 2014	8683306	US	Issued	LSI Corporation
L08-0241-TW		Jan 8, 2009	098100521				TW	Pending	LSI Corporation
L08-0243TW1		Jul 14, 2009	098123804		Jun 21, 2014	1442712	TW	Issued	LSI Corporation
L08-0371-TW		Apr 8, 2009	098111702		Feb 21, 2014	1427626	TW	Issued	LSI Corporation
L08-1239US1		Jun 3, 2009	12455550				US	Pending	LSI Corporation
L08-1240US1		Apr 3, 2009	12384359		Aug 21, 2012	8250589	US	Issued	LSI Corporation
L08-1242US1		Jul 1, 2010	12828460		Jan 15, 2013	8354870	US	Issued	LSI Corporation
L08-1248US1		Aug 11, 2010	12854682		Jul 29, 2014	8793549	US	Issued	LSI Corporation
L07-2490-TW		Nov 13, 2008	97143916				TW	Pending	LSI Logic Corporation
L08-1259US1		Jun 10, 2009	12482123		Sep 4, 2012	8260980	US	Issued	LSI Corporation
L08-1270US1		Sep 22, 2009	12564291		Jan 15, 2013	8356148	US	Issued	LSI Corporation
L08-1271US1		May 14, 2010	12780552		Jul 17, 2012	8224781	US	Issued	LSI Corporation
L08-1272US1		Jan 5, 2010	12652201		Jun 3, 2014	8743936	US	Issued	LSI Corporation
L08-1171TW1		Jun 15, 2009	98119933				TW	Pending	LSI Corporation
L08-1057TW1		Feb 26, 2010	099105732				TW	Pending	LSI Corporation
L08-1075TW1		Jun 30, 2009	98121995				TW	Allowed	LSI Corporation

L08-0959TW1	Jun 11, 2009	098119575	May 11, 2013	1396423	TW	Issued	LSI Corporation
L08-0948-TW	May 11, 2009	098115501	Jul 1, 2013	1400651	TW	Issued	LSI Corporation
L08-0949-TW	Apr 2, 2009	98110962			TW	Pending	LSI Corporation
L08-0950-TW	Apr 2, 2009	98110961			TW	Allowed	LSI Corporation
L08-1273US1	Dec 31, 2009	12651254	Apr 1, 2014	8688873	US	Issued	LSI Corporation
LLC-2345/1P	Jul 29, 1994	08283296	Dec 12, 1995	5474648	US	Issued	LSI Logic Corporation
L08-1303US1	Apr 30, 2009	12433101	Jan 10, 2012	8095734	US	Issued	LSI Corporation
L08-1312US1	Aug 17, 2009	12542250			US	Pending	LSI Corporation
L07-2117-TW	Nov 13, 2008	97143923			TW	Pending	LSI Logic Corporation
L08-1293TW1	Jan 8, 2009	098100523	Apr 21, 2014	1435211	TW	Issued	LSI Corporation
L08-1321US1	Sep 14, 2009	12558928	Mar 20, 2012	8139305	US	Issued	LSI Corporation
LLC-2346/1P	Jun 20, 1994	08262427	Sep 22, 1998	5812003	US	Issued	LSI Logic Corporation
LLC-2347	Aug 24, 1994	08295094	Jun 10, 1997	5638288	US	Issued	LSI Logic Corporation
LLC-2348	Aug 24, 1994	08294973	Mar 25, 1997	5615126	US	Issued	LSI Logic Corporation
L08-1354US1	Apr 30, 2009	12432763	Feb 14, 2012	8115321	US	Issued	LSI Corporation
L08-1355US1	Jul 28, 2009	12510791			US	Pending	LSI Corporation
LLC-2348/1D	Jan 13, 1997	08782585	Apr 27, 1999	5898677	US	Issued	LSI Logic Corporation
L08-1373US1	Apr 29, 2009	12432364	Aug 23, 2011	8005924	US	Issued	LSI Corporation
L08-0241US2	Mar 2, 2010	12675981	Mar 26, 2013	8407553	US	Issued	LSI Corporation
L08-1379	Apr 28, 2009	12431016	Dec 20, 2011	8082392	US	Issued	LSI Corporation
L08-1384US1	Apr 9, 2009	12421481	Aug 20, 2013	8515695	US	Issued	LSI Corporation
L08-1391US1	Apr 28, 2009	12431154			US	Pending	LSI Corporation
L08-1401US1	Feb 26, 2009	12393312	Jan 1, 2013	8347304	US	Issued	LSI Corporation
L08-1413US1	Mar 26, 2009	12411648			US	Pending	LSI Corporation
L02-5735/2D	Dec 19, 2008	12340234	Apr 10, 2012	8156466	US	Issued	LSI Logic Corporation
L08-1438US1	May 13, 2009	12464950	Mar 20, 2012	8139433	US	Issued	LSI Corporation
L05-0354/1D	Dec 17, 2008	12337519	Sep 4, 2012	8258016	US	Issued	LSI Logic Corporation
L08-1459US1	Apr 2, 2009	12384291	Dec 13, 2011	8077605	US	Issued	LSI Corporation
L08-1461US1	Apr 2, 2009	12384287	Mar 22, 2011	7913023	US	Issued	LSI Corporation
P-2353	May 26, 1995	08451177	Apr 27, 1999	5898595	US	Issued	LSI Logic Corporation
L08-1464US1	Apr 16, 2009	12424550			US	Pending	LSI Corporation
L08-1473US1	Jul 24, 2009	12508898	Jul 10, 2012	8219959	US	Issued	LSI Corporation
L05-1860/1D	Dec 9, 2008	12315998	Aug 23, 2011	8006209	US	Issued	LSI Logic Corporation
L08-1475US1	Apr 22, 2009	12427759	Mar 26, 2013	8407378	US	Issued	LSI Corporation
L08-1476US1	Apr 14, 2009	12423243	Oct 11, 2011	8037219	US	Issued	LSI Corporation
P-2354	Aug 31, 1994	08299209	Nov 14, 1995	5465470	US	Issued	LSI Logic Corporation
P-2355	Aug 9, 1994	08287653	Jan 23, 1996	5486786	US	Issued	LSI Logic Corporation
L05-0487/1D	Dec 15, 2008	12334992	Jan 5, 2010	7642804	US	Issued	LSI Logic Corporation
P-2355/1C	Dec 26, 1995	08578743	Nov 11, 1997	5686855	US	Issued	LSI Logic Corporation
L08-1488US1	Apr 17, 2009	12425494	Dec 25, 2012	8338988	US	Issued	LSI Corporation
P-2355/1P	Jul 25, 1995	08506821	May 20, 1997	5631596	US	Issued	LSI Logic Corporation
L08-1500US1	Apr 17, 2009	12425382	Jul 19, 2011	7984212	US	Issued	LSI Corporation
L08-1501US1	Jul 15, 2009	12503242	Jul 3, 2012	8214610	US	Issued	LSI Corporation
L08-1504US1	Jun 1, 2009	12476132	Nov 16, 2010	7834697	US	Issued	LSI Corporation
P-2356	Sep 9, 1994	08303444	Sep 24, 1996	5559999	US	Issued	LSI Logic Corporation
L02-0562/1D/1C	Dec 16, 2008	12336104	Mar 1, 2011	7900184	US	Issued	LSI Logic Corporation
L08-1513US1	Apr 2, 2009	12384288	Nov 27, 2012	8321596	US	Issued	LSI Corporation
L08-1521US1	Apr 2, 2009	12417096	Mar 20, 2012	8140762	US	Issued	LSI Corporation
L08-1522US1	Apr 17, 2009	12425386	Mar 5, 2013	8392654	US	Issued	LSI Corporation
L06-1103/1C	Jan 26, 2009	12359446	Dec 22, 2009	7636798	US	Issued	LSI Logic Corporation
L08-1529US1	Apr 9, 2009	12421527	Mar 20, 2012	8140923	US	Issued	LSI Corporation
L08-1533US1	Jul 1, 2009	12496378	Dec 24, 2013	8615615	US	Issued	LSI Corporation
P-2358	Jan 18, 1995	08374195	Jan 28, 1997	5598021	US	Issued	LSI Logic Corporation
L08-1536US1	Jun 11, 2009	12483139	Aug 9, 2011	7993981	US	Issued	LSI Corporation
L08-1538US1	May 14, 2009	12465810	Nov 23, 2010	7839164	US	Issued	LSI Corporation
L08-1539US1	Nov 24, 2009	12624664	Mar 12, 2013	8397143	US	Issued	LSI Corporation
L07-2105-TW	Jan 7, 2009	098100411	Dec 1, 2012	1378626	TW	Issued	LSI Logic Corporation
P-2358/1D	Aug 12, 1996	08695569	Sep 2, 1997	5663083	US	Issued	LSI Logic Corporation
L08-1543US1	Nov 4, 2009	12612141	Jan 29, 2013	8365054	US	Issued	LSI Corporation
L08-1552US1	Apr 3, 2009	12418400	Sep 20, 2011	8022684	US	Issued	LSI Corporation
L08-1553US1	Jun 10, 2009	12481577	Dec 13, 2011	8078799	US	Issued	LSI Corporation
L07-0887/1C	Mar 16, 2009	12405042	Apr 10, 2012	8156270	US	Issued	LSI Logic Corporation
L04-0373/1D	Jan 20, 2009	12356348	Jul 27, 2010	7764066	US	Issued	LSI Logic Corporation
L09-0018US1	Apr 28, 2009	12387076	Apr 24, 2012	8166478	US	Issued	LSI Corporation
L05-0836/1D	Jan 15, 2009	12354768	Apr 9, 2013	8415714	US	Issued	LSI Logic Corporation
L09-0041US1	Jun 5, 2009	12455747	Oct 2, 2012	8280715	US	Issued	LSI Corporation
L04-1763/1C	Feb 19, 2009	12388741	Sep 17, 2013	8539407	US	Issued	LSI Logic Corporation
420099-141 (103-077)	Jun 7, 1995	08482763	Oct 29, 1996	5570045	US	Issued	LSI Logic Corporation
P-2359/1C	Aug 28, 1996	08704831	Nov 11, 1997	5686845	US	Issued	LSI Logic Corporation
L09-0084US1	Nov 5, 2009	12613416	Dec 11, 2012	8331429	US	Issued	LSI Corporation
P-2360/2D	May 7, 1996	08646037	Jul 13, 1999	5923538	US	Issued	LSI Logic Corporation
L09-0102US1	Apr 9, 2009	12421198	Dec 18, 2012	8336012	US	Issued	LSI Corporation
L06-1114-JP	Jul 24, 2007	2009521801	Aug 10, 2012	5059860	JP	Issued	LSI Logic Corporation
L08-1488TW1	Aug 25, 2009	98128538			TW	Pending	LSI Corporation
P-2362/2C	Jan 31, 1997	08792479	Jun 30, 1998	5773855	US	Issued	LSI Logic Corporation
L08-0399-TW	Jan 7, 2009	098100401			TW	Pending	LSI Corporation
P-2366	Jan 20, 1995	08375951	Dec 24, 1996	5588029	US	Issued	LSI Logic Corporation
P-2366/1C	Dec 20, 1996	08771585	May 18, 1999	5905768	US	Issued	LSI Logic Corporation
P-2367	Dec 13, 1994	08358021	Dec 2, 1997	5694332	US	Issued	LSI Logic Corporation
L06-0782-JP	Feb 10, 2009	2009524648	Jun 29, 2012	5027233	JP	Issued	LSI Logic Corporation
L07-2331/1D	Mar 11, 2009	12402447	Sep 6, 2011	8015208	US	Issued	LSI Logic Corporation
P-2368	Aug 15, 1994	08290321	May 21, 1996	5519734	US	Issued	LSI Logic Corporation
P-2368/1C	Mar 21, 1996	08619300	Jun 2, 1998	5761249	US	Issued	LSI Logic Corporation
P-2369	Jul 12, 1995	08501289	Sep 23, 1997	5670393	US	Issued	LSI Logic Corporation
P-2370	Jul 13, 1995	08502566	Aug 6, 1996	5543643	US	Issued	LSI Logic Corporation
P-2370/1D	Mar 6, 1996	08612337	May 20, 1997	5631176	US	Issued	LSI Logic Corporation
P-2372	Jan 20, 1995	08376005	Apr 15, 1997	5621772	US	Issued	LSI Logic Corporation
P-2373	May 20, 1996	08650476	Jul 14, 1998	5780347	US	Issued	LSI Logic Corporation
420099-148 (103-083)	Jun 7, 1995	08472857	Nov 12, 1996	5574692	US	Issued	LSI Logic Corporation
P-2376/1C	Nov 12, 1996	08748186	Mar 31, 1998	5734615	US	Issued	LSI Logic Corporation
P-2377/1C	Aug 1, 1996	08690942	Jan 12, 1999	5859781	US	Issued	LSI Logic Corporation
103-085	Sep 13, 1994	08306385	Oct 22, 1996	5568636	US	Issued	LSI Logic Corporation
P-2379/1C	Oct 29, 1996	08735249	May 19, 1998	5754444	US	Issued	LSI Logic Corporation
P-2381	Sep 13, 1994	08306182	Apr 8, 1997	5619419	US	Issued	LSI Logic Corporation
P-2382	Sep 13, 1994	08306189	Jun 10, 1997	5638293	US	Issued	LSI Logic Corporation
P-2386	Sep 16, 1994	08307942	Sep 3, 1996	5552333	US	Issued	LSI Logic Corporation
P-2387	Jan 18, 1995	08374193	Jul 8, 1997	5646073	US	Issued	LSI Logic Corporation
P-2388	Jun 7, 1995	08484003	Oct 28, 1997	5682047	US	Issued	LSI Logic Corporation

P-2389	Jun 7, 1995	08475586	Jun 10, 1997	5637887	US	Issued	LSI Logic Corporation
P-2391	Sep 22, 1994	08310941	Nov 14, 1995	5467031	US	Issued	LSI Logic Corporation
P-2392	Sep 22, 1994	08310621	Jul 28, 1998	5786720	US	Issued	LSI Logic Corporation
P-2395	Sep 15, 1994	08306765	Jul 16, 1996	5537065	US	Issued	LSI Logic Corporation
P-2396	Mar 27, 1995	08412087	Mar 11, 1997	5610442	US	Issued	LSI Logic Corporation
2398	Nov 10, 1994	08337928	May 21, 1996	5519331	US	Issued	LSI Logic Corporation
P-2399	Jul 24, 1995	08506164	Apr 28, 1998	5744084	US	Issued	LSI Logic Corporation
P-2400	Dec 2, 1994	08348603	Dec 5, 1995	5472901	US	Issued	LSI Logic Corporation
P-2400/D/1C	Jul 31, 1996	08690024	Sep 2, 1997	5663590	US	Issued	LSI Logic Corporation
P-2405	Apr 19, 1994	08229949	Oct 28, 1997	5682322	US	Issued	LSI Logic Corporation
P-2407	Apr 19, 1994	08229954	Sep 29, 1998	5815403	US	Issued	LSI Logic Corporation
P-2408	Apr 19, 1994	08229616	Dec 10, 2002	6493658	US	Issued	LSI Logic Corporation
LSI1P026 - withdrawn	Jan 26, 1995	08378750	Mar 25, 1997	5614437	US	Issued	LSI Logic Corporation
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P2415	Feb 29, 1996	08608679	Aug 11, 1998	5793104	US	Issued	LSI Logic Corporation
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P-2419	Mar 6, 1996	08401099	Oct 28, 1997	5682323	US	Issued	LSI Logic Corporation
P-2421	Nov 26, 1996	08756662	Sep 28, 1999	5959776	US	Issued	LSI Logic Corporation
P-2427	Jan 9, 1995	08370210	Apr 29, 1997	5625563	US	Issued	LSI Logic Corporation
P-2428	Jan 9, 1995	08370434	Feb 3, 1998	5715274	US	Issued	LSI Logic Corporation
P-2430	Jan 24, 1995	08378027	Feb 4, 1997	5600182	US	Issued	LSI Logic Corporation
P-2430/D	Sep 24, 1996	08718852	Oct 27, 1998	5827777	US	Issued	LSI Logic Corporation
P-2435	Sep 8, 1995	08525839	Dec 16, 1997	5699265	US	Issued	LSI Logic Corporation
P-2437	Mar 24, 1995	08409757	Aug 26, 1997	5661663	US	Issued	LSI Logic Corporation
P-2438	Nov 2, 1994	08333367	Nov 26, 1996	5578840	US	Issued	LSI Logic Corporation
P-2438/11P	Aug 21, 1995	08517142	Jun 18, 2002	6407434	US	Issued	LSI Logic Corporation
P-2438/12P	Aug 21, 1995	08517153	Apr 21, 1998	5742086	US	Issued	LSI Logic Corporation
P-2438/13P	Aug 21, 1995	08517339	Mar 30, 1999	5889329	US	Issued	LSI Logic Corporation
P-2438/14P	Aug 21, 1995	08517266	Sep 1, 1998	5801422	US	Issued	LSI Logic Corporation
P-2438/15P	Aug 21, 1995	08517189	Feb 16, 1999	5872380	US	Issued	LSI Logic Corporation
P-2438/16P	Aug 21, 1995	08517479	Nov 10, 1998	5834821	US	Issued	LSI Logic Corporation
P-2438/17P	Aug 21, 1995	08517451	Jan 26, 1999	5864165	US	Issued	LSI Logic Corporation
P-2438/18P	Aug 21, 1995	08517892	Aug 1, 2000	6097073	US	Issued	LSI Logic Corporation
P-2438/1P	Aug 21, 1995	08517463	Sep 22, 1998	5811863	US	Issued	LSI Logic Corporation
P-2438/2P	Aug 21, 1995	08517441	Sep 15, 1998	5808330	US	Issued	LSI Logic Corporation
P-2438/4P	Aug 21, 1995	08517236	Aug 4, 1998	5789770	US	Issued	LSI Logic Corporation
P-2438/6P	Aug 21, 1995	08517406	Oct 26, 1999	5973376	US	Issued	LSI Logic Corporation
P-2438/7P	Aug 21, 1995	08517171	Oct 13, 1998	5822214	US	Issued	LSI Logic Corporation
P-2438/8P	Aug 21, 1995	08517508	Jul 7, 1998	5777360	US	Issued	LSI Logic Corporation
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LLC-2460	Aug 31, 1995	08521795	Dec 17, 1996	5585286	US	Issued	LSI Logic Corporation
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420099-(105-107)	Sep 7, 1994	08301687	Dec 24, 1996	5587923	US	Issued	LSI Logic Corporation
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P-2472	Jun 7, 1995	08477827	Sep 2, 1997	5663017	US	Issued	LSI Logic Corporation
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P-2494	Mar 1, 1995	08396560	Jul 23, 1996	5539246	US	Issued	LSI Logic Corporation
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1689	Jun 7, 1995	08488075	Dec 10, 1996	5583062	US	Issued	LSI Logic Corporation
P-2541/1P	Aug 20, 1996	08704472	Jun 9, 1998	5763302	US	Issued	LSI Logic Corporation
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P-2591		Oct 31, 1995	08550944		Sep 23, 1997	5670900	US	Issued	LSI Logic Corporation
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P-2701/1C		Oct 4, 1995	08538907		May 27, 1997	5632437	US	Issued	LSI Logic Corporation
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P-2703		Mar 12, 1996	08614403		Mar 3, 1998	5724361	US	Issued	LSI Logic Corporation
P-2703/1P		Aug 15, 1996	08698306		Mar 10, 1998	5726588	US	Issued	LSI Logic Corporation
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P-2711		Feb 7, 1996	08597964		Jun 9, 1998	5764878	US	Issued	LSI Logic Corporation
P-2718		Oct 6, 1995	08540382		Apr 7, 1998	5737562	US	Issued	LSI Logic Corporation
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P-2720		Oct 6, 1995	08540336		Feb 11, 1997	5603047	US	Issued	LSI Logic Corporation
P-2720/1C		Jan 16, 1997	08783810		Apr 21, 1998	5742780	US	Issued	LSI Logic Corporation
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P-2755		May 14, 1996	08645572		Jan 30, 2001	6182102	US	Issued	LSI Logic Corporation
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P-2759		May 3, 1996	08642393		Feb 9, 1999	5870310	US	Issued	LSI Logic Corporation
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P-2792		Jun 28, 1996	08671656		Dec 1, 1998	5844811	US	Issued	LSI Logic Corporation
P-2793		Jun 28, 1996	08672534		Feb 2, 1999	5867398	US	Issued	LSI Logic Corporation
P-2794		Jun 28, 1996	08672725		Nov 3, 1998	5831863	US	Issued	LSI Logic Corporation

P-2795	Jun 28, 1996	08672333	Nov 10, 1998	5835381	US	Issued	LSI Logic Corporation
P-2796	Jun 28, 1996	08672423	Oct 26, 1999	5971588	US	Issued	LSI Logic Corporation
P-2797	Jun 28, 1996	08674605	Sep 22, 1998	5812740	US	Issued	LSI Logic Corporation
P-2798	Jun 28, 1996	08672936	Oct 5, 1999	5963455	US	Issued	LSI Logic Corporation
P-2799	Jun 28, 1996	08672334	Jun 22, 1999	5914888	US	Issued	LSI Logic Corporation
P-2800	Jun 28, 1996	08672937	Feb 15, 2000	6026223	US	Issued	LSI Logic Corporation
P-2802	Jun 28, 1996	08672652	Feb 9, 1999	5870312	US	Issued	LSI Logic Corporation
P-2803	Jun 28, 1996	08672235	Sep 15, 1998	5808899	US	Issued	LSI Logic Corporation
P-2804	Dec 27, 1995	08579383	Sep 21, 1999	5956613	US	Issued	LSI Logic Corporation
P-2805	Mar 6, 1997	08812773	Nov 2, 1999	5977997	US	Issued	LSI Logic Corporation
P-2806	Oct 9, 1996	08723474	Sep 12, 2000	6118870	US	Issued	LSI Logic Corporation
P-2807	Oct 9, 1996	08723475	Jul 18, 2000	6092229	US	Issued	LSI Logic Corporation
P-2809	May 3, 1996	08643263	Jun 2, 1998	5761516	US	Issued	LSI Logic Corporation
P-2810	Aug 2, 1996	08691554	Mar 7, 2000	6035212	US	Issued	LSI Logic Corporation
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P-2814	Dec 29, 1995	08580579	Apr 28, 1998	5745865	US	Issued	LSI Logic Corporation
P-2815	Dec 29, 1995	08580540	Sep 15, 1998	5809243	US	Issued	LSI Logic Corporation
P-2816	Dec 29, 1995	08580547	Jul 21, 1998	5784572	US	Issued	LSI Logic Corporation
P-2817	Dec 29, 1995	08580577	Aug 29, 2000	6111863	US	Issued	LSI Logic Corporation
P-2818	Aug 2, 1996	08691745	Dec 21, 1999	6006105	US	Issued	LSI Logic Corporation
P-2818 JP	Jun 24, 1997	09167555	Dec 26, 2008	4237279	JP	Issued	LSI Logic Corporation
P-2819	Dec 29, 1995	08581676	Mar 17, 1998	5729535	US	Issued	LSI Logic Corporation
P-2820	Jan 16, 1996	08587417	Jun 17, 2003	6579777	US	Issued	LSI Logic Corporation
P-2822	Apr 19, 1996	08635288	Mar 28, 2000	6043100	US	Issued	LSI Logic Corporation
P-2827	Jan 31, 1996	08595022	Jun 17, 1997	5639696	US	Issued	LSI Logic Corporation
P-2830	Jul 31, 1996	08690577	May 9, 2000	6060375	US	Issued	LSI Logic Corporation
P-2831	Jul 31, 1996	08690592	Mar 2, 1999	5877530	US	Issued	LSI Logic Corporation
P-2834	Jul 11, 1996	08678718	May 26, 1998	5756369	US	Issued	LSI Logic Corporation
P-2834 JP	Jul 11, 1997	09186793	Nov 16, 2007	4041187	JP	Issued	LSI Logic Corporation
P-2837	Apr 16, 1996	08632952	Jun 2, 1998	5761048	US	Issued	LSI Logic Corporation
P-2839	Apr 2, 1996	08626776	Aug 4, 1998	5789783	US	Issued	LSI Logic Corporation
P-2841	Jun 7, 1996	08659860	Apr 7, 1998	5736418	US	Issued	LSI Logic Corporation
P-2847	Jun 10, 1996	08661186	Nov 25, 1997	5691910	US	Issued	LSI Logic Corporation
P-2848	Sep 17, 1997	08932614	Nov 30, 1999	5994775	US	Issued	LSI Logic Corporation
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P-2855	Jun 19, 1996	08668064	Feb 2, 1999	5867395	US	Issued	LSI Logic Corporation
P-2856	Apr 2, 1996	08626773	Oct 13, 1998	5822226	US	Issued	LSI Logic Corporation
P-2858	May 23, 1996	08652905	Sep 7, 1999	5948697	US	Issued	LSI Logic Corporation
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P-2881	Mar 8, 1996	08613061	Dec 15, 1998	5850572	US	Issued	LSI Logic Corporation
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P-2888	Dec 19, 1996	08770109	Oct 5, 1999	5963801	US	Issued	LSI Logic Corporation
P-2891	Jun 28, 1996	08672535	Feb 16, 1999	5872718	US	Issued	LSI Logic Corporation
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P-2895	May 7, 1996	08644000	Jul 14, 1998	5780924	US	Issued	LSI Logic Corporation
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P-2928	Aug 22, 1996	08701632	Sep 22, 1998	5812603	US	Issued	LSI Logic Corporation
P-2929	Aug 22, 1996	08701710	Jan 13, 1998	5708665	US	Issued	LSI Logic Corporation
P-2930/IP	Jan 21, 1997	08785391	Nov 30, 1999	5996112	US	Issued	LSI Logic Corporation
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P-3043	Dec 23, 1996	08772310	Jun 23, 1998	5769692	US	Issued	LSI Logic Corporation
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P-3047	Feb 11, 1997	08798880	Jul 27, 1999	5930500	US	Issued	LSI Logic Corporation
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P-3110	Apr 23, 1998	09066100	Apr 30, 2002	6381719	US	Issued	LSI Logic Corporation
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P-3115-GB	Jun 4, 1997	97115596	Jun 5, 2002	2325996	GB	Issued	LSI Logic Corporation
P-3117	Apr 8, 1997	08841947	Nov 23, 1999	5990010	US	Issued	LSI Logic Corporation
P-3122	May 7, 1997	08852692	Nov 16, 1999	5987632	US	Issued	LSI Logic Corporation
P-3123	May 19, 1997	08858270	Aug 18, 1998	5796650	US	Issued	LSI Logic Corporation
P-3132	Jun 16, 1997	08876925	Oct 20, 1998	5825601	US	Issued	LSI Logic Corporation
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P-3134	May 19, 1997	08858271	May 11, 1999	5903505	US	Issued	LSI Logic Corporation
11728-0085	Apr 21, 1997	08837685	Nov 24, 1998	5841198	US	Issued	LSI Logic Corporation
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5748-075	May 7, 1997	08852597	Oct 26, 1999	5972738	US	Issued	LSI Logic Corporation
11782-009300	Apr 21, 1997	08837618	Jul 13, 1999	5923047	US	Issued	LSI Logic Corporation
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P-3161	Jun 18, 1997	08878335	May 4, 1999	5901184	US	Issued	LSI Logic Corporation
P-3162	Jun 18, 1997	08878354	Oct 6, 1998	5819157	US	Issued	LSI Logic Corporation
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P-3175	Jul 9, 1997	08890222	Feb 23, 1999	5874342	US	Issued	LSI Logic Corporation
P-3177	Jun 25, 1997	08882524	Mar 14, 2000	6037796	US	Issued	LSI Logic Corporation
P-3179	Oct 2, 1997	08942991	Aug 31, 1999	5944585	US	Issued	LSI Logic Corporation
P-3182	Oct 30, 1997	08961382	Jun 13, 2000	6074288	US	Issued	LSI Logic Corporation
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P-3201	Jun 27, 1997	08883137	Nov 16, 1999	5987258	US	Issued	LSI Logic Corporation
P-3202	May 30, 1997	08865737	Sep 5, 2000	6115761	US	Issued	LSI Logic Corporation
P-3203	May 21, 1997	08859751	May 30, 2000	6069027	US	Issued	LSI Logic Corporation
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P-3205	May 5, 1997	08850292	Jan 4, 2000	6011304	US	Issued	LSI Logic Corporation
P-3208	Jun 16, 1997	08876208	Nov 9, 1999	5982837	US	Issued	LSI Logic Corporation
P-3209	May 29, 1997	08864994	May 25, 1999	5907189	US	Issued	LSI Logic Corporation
P-3211	Jun 3, 1997	08868316	Jun 1, 1999	5909056	US	Issued	LSI Logic Corporation
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P-2705-JP	Apr 18, 1997	09102173	Feb 28, 2003	3401758	JP	Issued	LSI Logic Corporation
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P-3223	Aug 6, 1997	08906949	Sep 26, 2000	6123736	US	Issued	LSI Logic Corporation
P-3224	Aug 6, 1997	08906948	May 2, 2000	6058254	US	Issued	LSI Logic Corporation
P-3225	Aug 6, 1997	08906947	Feb 13, 2001	6186676	US	Issued	LSI Logic Corporation
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P-3230	Jul 23, 1997	08899111	May 30, 2000	6069085	US	Issued	LSI Logic Corporation
P-3231	Aug 25, 1997	08918846	Aug 3, 1999	5931719	US	Issued	LSI Logic Corporation
P-3232	Jul 17, 1997	08895659	Oct 6, 1998	5816900	US	Issued	LSI Logic Corporation
P-3233	Jul 17, 1997	08895960	Dec 21, 1999	6004193	US	Issued	LSI Logic Corporation
P-3234	May 8, 1997	08853155	Jun 20, 2000	6078738	US	Issued	LSI Logic Corporation
P-3235	Jun 23, 1997	08879659	Aug 3, 1999	5933757	US	Issued	LSI Logic Corporation
P-3239	Nov 10, 1997	08966637	Feb 22, 2000	6028014	US	Issued	LSI Logic Corporation
P-3241	Jul 23, 1997	08899464	Feb 17, 2004	6692338	US	Issued	LSI Logic Corporation
P-3242	Feb 6, 1998	09020029	Mar 7, 2000	6034401	US	Issued	LSI Logic Corporation
P-3243	Apr 14, 1998	09059943	Dec 5, 2000	6157691	US	Issued	LSI Logic Corporation
P-3245	Aug 19, 1997	08914854	Mar 16, 1999	5882251	US	Issued	LSI Logic Corporation
P-3249	Jun 12, 1997	08874085	Jan 8, 2002	6337710	US	Issued	LSI Logic Corporation
P-3251	Aug 20, 1997	08915000	Feb 2, 1999	5865666	US	Issued	LSI Logic Corporation
LSI P025B - withdrawn	Apr 21, 1997	08833750	Jul 7, 1998	5777354	US	Issued	LSI Logic Corporation
P-3255	Oct 5, 1998	09166262	Jun 12, 2001	6247084	US	Issued	LSI Logic Corporation
P-3143/1P	May 19, 1997	08859788	Jan 23, 2001	6178203	US	Issued	LSI Logic Corporation
P-3261	Jan 12, 1998	09005491	Aug 29, 2000	6111313	US	Issued	LSI Logic Corporation
P-3262	Jul 9, 1997	08889839	Apr 20, 1999	5895267	US	Issued	LSI Logic Corporation
P-3264	Jun 26, 1997	08882861	Apr 6, 1999	5892374	US	Issued	LSI Logic Corporation
P-3265	Jul 2, 1997	08887487	Mar 9, 1999	5880579	US	Issued	LSI Logic Corporation
P-3267	Jul 29, 1997	08902343	May 16, 2000	6064220	US	Issued	LSI Logic Corporation
P-3269	Oct 24, 1997	08957692	Jan 25, 2000	6017808	US	Issued	LSI Logic Corporation
P-3270	Jul 28, 1998	09363311	Nov 22, 2005	6968286	US	Issued	LSI Logic Corporation
LLC-2284/1C	Jul 15, 1997	08892827	Jun 30, 1998	5773854	US	Issued	LSI Logic Corporation
P-3271	Aug 5, 1997	08906343	Feb 22, 2000	6028449	US	Issued	LSI Logic Corporation
P-2695	Mar 8, 1996	08613040	Dec 16, 1997	5698873	US	Issued	LSI Logic Corporation
LLC-2186/1D/1P-JP	Mar 10, 1997	09074575	Feb 1, 2008	4074682	JP	Issued	LSI Logic Corporation
P-3274	Jul 30, 1997	08902762	Jul 13, 1999	5922043	US	Issued	LSI Logic Corporation
P-2932-JP	May 27, 1997	09136971	Apr 6, 2007	3937032	JP	Issued	LSI Logic Corporation
P-3278	Sep 9, 1997	08927358	Dec 21, 1999	6005413	US	Issued	LSI Logic Corporation
P-3279	Aug 15, 1997	08911949	May 4, 1999	5900750	US	Issued	LSI Logic Corporation
P-3282	Jul 25, 1997	08900845	Dec 7, 1999	5998853	US	Issued	LSI Logic Corporation
P-2729/1C	Dec 7, 1994	08351516	May 6, 1997	5627099	US	Issued	LSI Logic Corporation
P-3293	Oct 1, 1997	08942006	May 22, 2001	6234883	US	Issued	LSI Logic Corporation
P-3298	Mar 23, 1998	09046781	Jan 25, 2000	6018257	US	Issued	LSI Logic Corporation
P-3302	Aug 28, 1997	08919394	Dec 22, 1998	5851890	US	Issued	LSI Logic Corporation
P-3304	Jul 28, 1997	08901580	Jun 6, 2000	6072548	US	Issued	LSI Logic Corporation
P-3305	Jul 28, 1997	08901581	Jul 20, 1999	5926227	US	Issued	LSI Logic Corporation
P-3314	Aug 14, 1997	08911515	Oct 3, 2000	6126063	US	Issued	LSI Logic Corporation
P-2576-JP	May 30, 1997	1580321997	Aug 20, 2010	4572011	JP	Issued	LSI Logic Corporation
P-2602-JP	May 30, 1997	1580331997	Jul 16, 2010	4550173	JP	Issued	LSI Logic Corporation
5201-11100	Dec 19, 1997	08994139	Jan 4, 2000	6012138	US	Issued	LSI Logic Corporation
P-3472	Dec 3, 1997	08984003	Aug 10, 1999	5936876	US	Issued	LSI Logic Corporation
P-3330	Oct 30, 1997	08960925	Oct 5, 1999	5961375	US	Issued	LSI Logic Corporation
P-3321	Dec 16, 1997	08991906	Mar 27, 2001	6208621	US	Issued	LSI Logic Corporation
P-3325	Oct 16, 1997	08951896	Jul 4, 2000	6085257	US	Issued	LSI Logic Corporation
P-3326	Oct 16, 1997	08951530	May 9, 2000	6061747	US	Issued	LSI Logic Corporation
P-3329	Dec 23, 1997	08996970	Dec 26, 2000	6167077	US	Issued	LSI Logic Corporation
P-3331	Aug 14, 1997	08911418	Jul 4, 2000	6081997	US	Issued	LSI Logic Corporation
P-3337	Aug 22, 1997	08916819	Feb 22, 2000	6028462	US	Issued	LSI Logic Corporation
P-3338	Aug 22, 1997	08917646	Apr 10, 2001	6215835	US	Issued	LSI Logic Corporation
P-3340	Aug 27, 1997	08919248	Dec 28, 1999	6008680	US	Issued	LSI Logic Corporation
P-2450/1C	May 27, 1997	08863373	Nov 3, 1998	5832279	US	Issued	LSI Logic Corporation
P-2372/1C	Apr 14, 1997	08843222	Nov 9, 1999	5982830	US	Issued	LSI Logic Corporation
P-2595-JP	May 7, 1997	13163097	Nov 13, 2009	4405599	JP	Issued	LSI Logic Corporation
P-3103/1C	Aug 26, 1997	08920111	Oct 24, 2000	6137716	US	Issued	LSI Logic Corporation
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P-3351	Feb 12, 1998	09022588	Sep 12, 2000	6117795	US	Issued	LSI Logic Corporation
LLC-2347/1C	Jun 9, 1997	08871212	May 18, 1999	5905655	US	Issued	LSI Logic Corporation
P-3352	Sep 8, 1997	08924903	Nov 9, 1999	5981352	US	Issued	LSI Logic Corporation
P-3353	Sep 8, 1997	08925200	Oct 12, 1999	5966613	US	Issued	LSI Logic Corporation
LLC-2233/2C	May 5, 1997	08851607	Apr 27, 1999	5898478	US	Issued	LSI Logic Corporation

P-3354	Sep 10, 1997	08927704	Sep 5, 2000	6114189	US	Issued	LSI Logic Corporation
P-2504/1C	Jul 11, 1997	08891593	Jan 26, 1999	5864587	US	Issued	LSI Logic Corporation
P-3355	Sep 29, 1997	08939586	Sep 14, 1999	5952892	US	Issued	LSI Logic Corporation
P-2724/1C	Jun 12, 1997	08873809	Apr 20, 1999	5895261	US	Issued	LSI Logic Corporation
P-3357	Sep 22, 1997	08934529	Nov 10, 1998	5835355	US	Issued	LSI Logic Corporation
P-3360	Oct 9, 1997	08947742	Sep 14, 1999	5953614	US	Issued	LSI Logic Corporation
P-3361	Dec 22, 1997	08995875	Apr 17, 2001	6218276	US	Issued	LSI Logic Corporation
P-3363	Sep 10, 1997	08926560	Dec 28, 1999	6009470	US	Issued	LSI Logic Corporation
P-3365	Aug 25, 1998	09382945	May 7, 2002	6385361	US	Issued	LSI Logic Corporation
P-2588/1D	Jun 20, 1997	08879341	Jun 27, 2000	6081008	US	Issued	LSI Logic Corporation
P-3374	Oct 30, 1997	08960969	Sep 28, 1999	5957757	US	Issued	LSI Logic Corporation
P-3375	Oct 3, 1997	08943371	Apr 27, 1999	5898228	US	Issued	LSI Logic Corporation
P-3380	Sep 5, 1997	08924187	Jan 11, 2000	6013533	US	Issued	LSI Logic Corporation
P-3376	Jun 24, 1999	09344169	Sep 29, 2009	7596483	US	Issued	LSI Logic Corporation
P-3379	Oct 6, 1997	08944247	Apr 25, 2000	6054062	US	Issued	LSI Logic Corporation
P-2770A/1C	Jun 23, 1997	08879673	Aug 4, 1998	5790563	US	Issued	LSI Logic Corporation
LLC-2317/1D	Jul 8, 1997	08889374	Jul 28, 1998	5787135	US	Issued	LSI Logic Corporation
P-3384	Dec 22, 1998	09219567	Jul 24, 2001	6265922	US	Issued	LSI Logic Corporation
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P-3386	Sep 8, 1997	08924902	Jul 20, 1999	5926720	US	Issued	LSI Logic Corporation
P-3387	Nov 13, 1997	08969100	Dec 29, 1998	5854575	US	Issued	LSI Logic Corporation
P-3389	Apr 17, 1998	09061972	Sep 12, 2000	6118303	US	Issued	LSI Logic Corporation
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P-3393	Nov 21, 1997	08976033	Nov 30, 1999	5994211	US	Issued	LSI Logic Corporation
P-3394	Sep 8, 1997	08925041	Sep 21, 1999	5955978	US	Issued	LSI Logic Corporation
P-3395	Dec 19, 1997	08995260	May 23, 2000	6066561	US	Issued	LSI Logic Corporation
P-3398	Apr 17, 1998	09062219	Nov 28, 2000	6154874	US	Issued	LSI Logic Corporation
P-3399	Apr 17, 1998	09062218	Jun 26, 2001	6253363	US	Issued	LSI Logic Corporation
P-3401	Apr 17, 1998	09062217	Jan 16, 2001	6175950	US	Issued	LSI Logic Corporation
P-3404	Jan 21, 1998	09010396	May 31, 2005	6901571	US	Issued	LSI Logic Corporation
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P-3408	Sep 22, 1997	08935834	Dec 14, 1999	6002171	US	Issued	LSI Logic Corporation
P-3409	Sep 23, 1997	08935424	Jun 1, 1999	5909057	US	Issued	LSI Logic Corporation
P2415-1D	Aug 1, 1997	08904530	Jun 8, 1999	5911112	US	Issued	LSI Logic Corporation
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P-3413	Jan 14, 1998	09007242	Feb 13, 2001	6189131	US	Issued	LSI Logic Corporation
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P-3456	Nov 20, 1997	08975025	Sep 12, 2000	6117352	US	Issued	LSI Logic Corporation
P-3415	Sep 30, 1997	08940784	Jan 14, 2003	6507672	US	Issued	LSI Logic Corporation
P-3416	Oct 27, 1997	08958776	Dec 7, 1999	5998242	US	Issued	LSI Logic Corporation
P-2822/1D	Aug 7, 1997	08908404	Nov 23, 1999	5990543	US	Issued	LSI Logic Corporation
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P-3422	Mar 9, 1998	09037588	Jul 11, 2000	6087229	US	Issued	LSI Logic Corporation
P-3421	Oct 22, 1997	08955929	Oct 26, 1999	5973397	US	Issued	LSI Logic Corporation
P-3428	Sep 9, 1998	09150220	Jun 19, 2001	6248180	US	Issued	LSI Logic Corporation
P-3429	Jan 22, 1998	09010938	Aug 1, 2000	6097199	US	Issued	LSI Logic Corporation
P-3432	May 1, 1998	09071401	Nov 13, 2001	6317473	US	Issued	LSI Logic Corporation
P-3433	Nov 13, 1997	08969401	Sep 18, 2001	6292522	US	Issued	LSI Logic Corporation
P-3434	Oct 10, 1997	08948920	Nov 9, 1999	5982681	US	Issued	LSI Logic Corporation
P-3436	Oct 30, 1997	08961206	Jun 27, 2000	6081527	US	Issued	LSI Logic Corporation
P-3437	Oct 30, 1997	08961150	Jun 20, 2000	6078962	US	Issued	LSI Logic Corporation
P-3438	Nov 3, 1997	08963553	Sep 12, 2000	6118180	US	Issued	LSI Logic Corporation
P-3439	Nov 5, 1997	08964784	Dec 7, 1999	6000038	US	Issued	LSI Logic Corporation
P-3444	Oct 20, 1998	09175605	Mar 14, 2000	6037843	US	Issued	LSI Logic Corporation
P-3445	Oct 1, 1997	08941718	Oct 10, 2000	6131079	US	Issued	LSI Logic Corporation
P-3447	Nov 10, 1997	08967150	Jan 30, 2001	6181157	US	Issued	LSI Logic Corporation
P-3453	Nov 18, 1997	08972231	Nov 2, 1999	5978197	US	Issued	LSI Logic Corporation
P-3452	Dec 1, 1997	08982263	Mar 21, 2000	6041348	US	Issued	LSI Logic Corporation
P-2533/1C	Aug 11, 1997	08909296	Oct 26, 1999	5973742	US	Issued	LSI Logic Corporation
P-2880/1D	Aug 14, 1997	08909312	Mar 23, 1999	5885855	US	Issued	LSI Logic Corporation
P-2758/1D	Aug 1, 1997	08904916	May 11, 1999	5903312	US	Issued	LSI Logic Corporation
P-3042/1D	Aug 29, 1997	08922141	Jul 28, 1998	5786073	US	Issued	LSI Logic Corporation
P-2586/1C	Aug 14, 1997	08912944	Nov 17, 1998	5837615	US	Issued	LSI Logic Corporation
P-3454	Dec 9, 1997	08987858	Nov 23, 1999	5990749	US	Issued	LSI Logic Corporation
P-3455	Jan 16, 1998	09007913	May 30, 2000	6070218	US	Issued	LSI Logic Corporation
P-2760/1D	Aug 15, 1997	08912887	May 4, 1999	5900338	US	Issued	LSI Logic Corporation
P-3457	Nov 26, 1997	08978979	Mar 28, 2000	6043539	US	Issued	LSI Logic Corporation
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P-3464	Jul 10, 1998	09113995	Mar 30, 2004	6714903	US	Issued	LSI Logic Corporation
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P-3444-GB	Oct 21, 1997	97222061	Jun 28, 2000	2330711	GB	Issued	LSI Logic Corporation
P-3467	Apr 8, 1998	09057188	Jan 25, 2000	6018480	US	Issued	LSI Logic Corporation
LLC-2289/2C	Jun 2, 1997	08867286	Apr 6, 1999	5892272	US	Issued	LSI Logic Corporation
P-3470	May 3, 2000	09564062	Oct 29, 2002	6473891	US	Issued	LSI Logic Corporation
P-3148/1P	Aug 29, 1997	08920511	Jul 24, 2001	6266091	US	Issued	LSI Logic Corporation
P-2438/5P/1D	Jun 5, 1998	09092827	Nov 6, 2001	6312980	US	Issued	LSI Logic Corporation
P-3471	Jan 16, 1998	09007912	Mar 28, 2000	6044460	US	Issued	LSI Logic Corporation
P-2399/1D	Aug 29, 1997	08920430	Jul 27, 1999	5927505	US	Issued	LSI Logic Corporation
P-3073/1P	Aug 27, 1997	08921917	Aug 8, 2000	6100894	US	Issued	LSI Logic Corporation
P-3073/2P	Aug 27, 1997	08921918	Apr 3, 2001	6211883	US	Issued	LSI Logic Corporation
P-2950/1D	Sep 9, 1997	08926220	Feb 29, 2000	6030460	US	Issued	LSI Logic Corporation
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P-3478	Mar 19, 1998	09045738	Oct 10, 2000	6130173	US	Issued	LSI Logic Corporation
P-3485	Dec 8, 1997	08986537	Aug 1, 2000	6097884	US	Issued	LSI Logic Corporation
P-2947-KR	Mar 26, 1997	1019970010426	Jul 21, 2003	0393385	KR	Issued	LSI Logic Corporation
P-3487	Dec 15, 1997	08990315	May 9, 2000	6059637	US	Issued	LSI Logic Corporation
P-3489	Nov 20, 1997	08975524	Jun 11, 2002	6404817	US	Issued	LSI Logic Corporation
P-2885/1P/1D	Sep 25, 1997	08936829	Oct 19, 1999	5970321	US	Issued	LSI Logic Corporation
P-3490	Jan 16, 1998	09008109	Dec 26, 2000	6167098	US	Issued	LSI Logic Corporation
P-3491	Feb 4, 1998	09018679	Dec 5, 2000	6157683	US	Issued	LSI Logic Corporation
P-3492	Feb 4, 1998	09018185	Dec 28, 1999	6009446	US	Issued	LSI Logic Corporation
P-3493	Feb 4, 1998	09018602	Sep 19, 2000	6122325	US	Issued	LSI Logic Corporation
P-3494	Feb 4, 1998	09018677	Oct 31, 2000	6141391	US	Issued	LSI Logic Corporation
P-3497	Mar 30, 1998	09050824	Jan 23, 2001	6178541	US	Issued	LSI Logic Corporation

P-3498	Mar 30, 1998	09050823	Dec 25, 2001	6334207	US	Issued	LSI Logic Corporation
P-3499	Jun 4, 1998	09090467	Aug 15, 2000	6105086	US	Issued	LSI Logic Corporation
P-2805-JP	Mar 6, 1998	10055309	Sep 12, 2008	4183296	JP	Issued	LSI Logic Corporation
P-3504	Mar 9, 1998	09038684	Mar 7, 2000	6033998	US	Issued	LSI Logic Corporation
P-3506	Jan 26, 1998	09013510	Sep 26, 2000	6124143	US	Issued	LSI Logic Corporation
P-3507	Mar 19, 1998	09045062	Aug 15, 2000	6103615	US	Issued	LSI Logic Corporation
P-3508	May 11, 1998	09075710	Sep 11, 2001	6289386	US	Issued	LSI Logic Corporation
P-2932/1D	Oct 8, 1997	08947271	Aug 22, 2000	6108805	US	Issued	LSI Logic Corporation
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P-2537/1C	Sep 15, 1997	08929613	Jun 13, 2000	6076150	US	Issued	LSI Logic Corporation
P-3527	Mar 10, 1999	09266174	Jul 10, 2001	6258514	US	Issued	LSI Logic Corporation
P-2834/1D	Oct 21, 1997	08954791	Apr 17, 1999	5893952	US	Issued	LSI Logic Corporation
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P-3531	Feb 10, 1998	09021356	Dec 21, 1999	6006283	US	Issued	LSI Logic Corporation
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P-2952-JP	Nov 21, 1997	09321537	Oct 17, 2008	4202450	JP	Issued	LSI Logic Corporation
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P-3538	Mar 17, 1998	09040086	Dec 19, 2000	6163540	US	Issued	LSI Logic Corporation
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P-3540	Dec 22, 1998	09219247	Aug 6, 2002	6430148	US	Issued	LSI Logic Corporation
P-3541	Dec 22, 1998	09219246	Apr 1, 2003	6542460	US	Issued	LSI Logic Corporation
P-3549	Apr 2, 1998	09054279	Dec 7, 1999	5998226	US	Issued	LSI Logic Corporation
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P-3554	Dec 3, 1997	08984447	Jan 4, 2000	6012157	US	Issued	LSI Logic Corporation
P-2536/1C	Nov 7, 1997	08967267	Jul 21, 1998	5784634	US	Issued	LSI Logic Corporation
P-3030-KR	Nov 25, 1997	9762865	Aug 21, 2000	0271949	KR	Issued	LSI Logic Corporation
P-3557	May 4, 1998	09072915	Nov 30, 1999	5992242	US	Issued	LSI Logic Corporation
P-3376-GB	Jul 2, 1998	98143795	Feb 19, 2003	2341937	GB	Issued	LSI Logic Corporation
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P-2675/1C	Aug 1, 1997	08904743	Jan 12, 1999	5859552	US	Issued	LSI Logic Corporation
P-3551	Feb 20, 1998	09027307	Dec 21, 1999	6004880	US	Issued	LSI Logic Corporation
P-3566	Mar 27, 1998	09049852	Jun 1, 1999	5909404	US	Issued	LSI Logic Corporation
P-3567	May 11, 1998	09076312	Oct 10, 2000	6130546	US	Issued	LSI Logic Corporation
P-3569	Apr 20, 1998	09063153	May 8, 2001	6230295	US	Issued	LSI Logic Corporation
P-3571	May 11, 1998	09076502	Oct 3, 2000	6127286	US	Issued	LSI Logic Corporation
P-3572	May 13, 1998	09078093	May 30, 2000	6068727	US	Issued	LSI Logic Corporation
P-3573	May 5, 1998	09073047	Jul 18, 2000	6092159	US	Issued	LSI Logic Corporation
P-3574	May 29, 1998	09087673	Jul 11, 2000	6087867	US	Issued	LSI Logic Corporation
P-3540-GB	Dec 22, 1997	97270342	Jul 19, 2000	2332603	GB	Issued	LSI Logic Corporation
P-3576	Mar 27, 1998	09049412	Aug 7, 2001	6272187	US	Issued	LSI Logic Corporation
P-3541-GB	Dec 22, 1997	97270284	Mar 8, 2000	2332602	GB	Issued	LSI Logic Corporation
P-3586	Dec 19, 1997	08994430	Oct 17, 2000	6134687	US	Issued	LSI Logic Corporation
P-3537	Mar 20, 1998	09045256	Jul 18, 2000	6092167	US	Issued	LSI Logic Corporation
P-3577-GB	Mar 6, 1998	98049109	Feb 12, 2003	2337834	GB	Issued	LSI Logic Corporation
P-3384-GB	Dec 22, 1997	97270243	Jun 21, 2000	2332792	GB	Issued	LSI Logic Corporation
P-3588	Oct 31, 2000	09702384	Dec 4, 2001	6327169	US	Issued	LSI Logic Corporation
P-3580	Apr 21, 1998	09063801	May 9, 2000	6061814	US	Issued	LSI Logic Corporation
P-3591	Apr 17, 1998	09062598	Aug 22, 2000	6108633	US	Issued	LSI Logic Corporation
P-3581	Feb 4, 1998	09018678	Aug 8, 2000	6101626	US	Issued	LSI Logic Corporation
P-3622	Jun 17, 1998	09098653	Sep 19, 2000	6122619	US	Issued	LSI Logic Corporation
P-3623	Jun 17, 1998	09098662	Oct 3, 2000	6128597	US	Issued	LSI Logic Corporation
P-3582	Jun 16, 1998	09098099	Oct 10, 2000	6130556	US	Issued	LSI Logic Corporation
P-3584	May 11, 1998	09076399	Dec 18, 2001	6331468	US	Issued	LSI Logic Corporation
P-3601	Feb 20, 1998	09027422	Sep 11, 2001	6289498	US	Issued	LSI Logic Corporation
P-3602	Feb 20, 1998	09027512	Jul 17, 2001	6263483	US	Issued	LSI Logic Corporation
P-3603	Feb 20, 1998	09027501	Sep 11, 2001	6289491	US	Issued	LSI Logic Corporation
P-3604	Feb 20, 1998	09027399	Mar 20, 2001	6205572	US	Issued	LSI Logic Corporation
P-3605	Feb 20, 1998	09026790	Dec 28, 2004	6836877	US	Issued	LSI Logic Corporation
P-3606	Feb 20, 1998	09027423	Jan 9, 2001	6173435	US	Issued	LSI Logic Corporation
P-3607	May 8, 1998	09075300	Sep 12, 2000	6117695	US	Issued	LSI Logic Corporation
P-3609	Mar 20, 1998	09046113	Jan 11, 2000	6013952	US	Issued	LSI Logic Corporation
P-2421-JP	Nov 26, 1997	09340704	Dec 14, 2007	4054424	JP	Issued	LSI Logic Corporation
P-3610	Feb 26, 1998	09031956	Jul 25, 2000	6093214	US	Issued	LSI Logic Corporation
P-3611	Jul 22, 1998	09120622	Aug 29, 2000	6111397	US	Issued	LSI Logic Corporation
P-3612	May 19, 1998	09081337	Jun 13, 2000	6073361	US	Issued	LSI Logic Corporation
P-3624	Sep 30, 1998	09164245	Dec 3, 2002	6490325	US	Issued	LSI Logic Corporation
LSI1P137	Apr 30, 1998	09070671	May 11, 1999	5903050	US	Issued	LSI Logic Corporation
A4-4003-GB	Jun 30, 1998	98141880	Feb 6, 2002	2339352	GB	Issued	LSI Logic Corporation
B1-4004	May 5, 1998	09072570	Dec 4, 2001	6327696	US	Issued	LSI Logic Corporation
B1-4005-GB	May 15, 1998	98106040	Apr 11, 2001	2337346	GB	Issued	LSI Logic Corporation
B2-4006	Jun 26, 1998	09105702	Sep 5, 2000	6114982	US	Issued	LSI Logic Corporation
C2-4013	Apr 24, 1998	09066048	Jul 31, 2001	6269129	US	Issued	LSI Logic Corporation
A2-4014-GB	Apr 27, 1998	98089931	Jun 19, 2002	2325129	GB	Issued	LSI Logic Corporation
A2-4015-GB	Apr 27, 1998	98089907	Jun 19, 2002	2325126	GB	Issued	LSI Logic Corporation
A2-4016-GB	Apr 27, 1998	98089923	Jun 19, 2002	2325128	GB	Issued	LSI Logic Corporation
A2-4017-GB	Apr 27, 1998	98089915	Jun 19, 2002	2325127	GB	Issued	LSI Logic Corporation
P-2435/1C	Dec 16, 1997	08991419	Oct 17, 2000	6134702	US	Issued	LSI Logic Corporation
P-3076-JP	Dec 24, 1997	1997355616	Nov 5, 2010	4620189	JP	Issued	LSI Logic Corporation
B4-4018	Jul 8, 1998	09112106	Aug 27, 2002	6442331	US	Issued	LSI Logic Corporation
B3-4022	Jun 3, 1998	09089703	May 1, 2001	6225143	US	Issued	LSI Logic Corporation
A3-4024	Jun 16, 1998	09098172	Oct 3, 2000	6128757	US	Issued	LSI Logic Corporation
P-2774A/1C	Feb 5, 1996	08597896	Jul 14, 1998	5781038	US	Issued	LSI Logic Corporation
B3-4029	Apr 28, 1999	09301278	Nov 6, 2001	6313683	US	Issued	LSI Logic Corporation
A3-4031	Jul 21, 1999	09358606	Jul 30, 2002	6426131	US	Issued	LSI Logic Corporation
A3-4033-GB	May 26, 1998	98112840	Oct 31, 2001	2337882	GB	Issued	LSI Logic Corporation
B2-4036	Jun 10, 1998	09095180	Sep 26, 2000	6125415	US	Issued	LSI Logic Corporation
B2-4037	Jun 10, 1998	09095183	Nov 28, 2000	6154784	US	Issued	LSI Logic Corporation
P-3432-GB	May 1, 1998	983034463	Jan 16, 2008	0877526	GB	Issued	LSI Logic Corporation
P-2953-TW	Mar 4, 1998	87103103	Jun 7, 2001	135215	TW	Issued	LSI Logic Corporation
B3-4039	May 26, 1998	09085143	Feb 3, 2004	6687661	US	Issued	LSI Logic Corporation
A2-4032	Jan 24, 2000	09423596	Jun 3, 2003	6574590	US	Issued	LSI Logic Corporation
A4-4003	Dec 13, 1999	09345568	Apr 26, 2005	6885324	US	Issued	LSI Logic Corporation

LSIP142		Jun 18, 1998	09099574		Apr 18, 2000	6052304	US	Issued	LSI Logic Corporation
C3-4043		May 19, 1999	09314660		Sep 3, 2002	6446216	US	Issued	LSI Logic Corporation
C3-4044-GB		May 19, 1998	98107691		Nov 27, 2002	2339989	GB	Issued	LSI Logic Corporation
C3-4045		May 13, 1998	09078188		Mar 28, 2000	6043672	US	Issued	LSI Logic Corporation
A2-4014		May 1, 1998	09071588		Oct 10, 2000	6130922	US	Issued	LSI Logic Corporation
A2-4015		May 1, 1998	09071456		Nov 20, 2001	6320917	US	Issued	LSI Logic Corporation
A2-4016		May 1, 1998	09071575		May 29, 2001	6240146	US	Issued	LSI Logic Corporation
A2-4017		May 1, 1998	09071585		Oct 24, 2000	6137847	US	Issued	LSI Logic Corporation
P-3042-JP		Dec 24, 1997	1997355620		Mar 25, 2011	4709336	JP	Issued	LSI Logic Corporation
B3-4046		May 13, 1998	09079413		Dec 26, 2000	6166422	US	Issued	LSI Logic Corporation
B4-4048		Jun 8, 1998	09093362		Mar 13, 2001	6201563	US	Issued	LSI Logic Corporation
P-2768/1C		Mar 7, 1996	08612112		Nov 9, 1999	5982749	US	Issued	LSI Logic Corporation
B4-4049-GB		May 19, 1998	98107733		Feb 19, 2003	2341460	GB	Issued	LSI Logic Corporation
B4-4049		May 19, 1999	09314655		Nov 20, 2001	6321309	US	Issued	LSI Logic Corporation
B3-4053		May 28, 1999	09322191		Mar 7, 2000	6032529	US	Issued	LSI Logic Corporation
B2-4054		Jun 2, 1998	09089006		Oct 9, 2001	6301264	US	Issued	LSI Logic Corporation
A4-4056		Jun 22, 1999	09337953		Apr 29, 2003	6557117	US	Issued	LSI Logic Corporation
A2-4057-GB		Apr 27, 1998	98089899		Jun 5, 2002	2325125	GB	Issued	LSI Logic Corporation
A2-4057		May 1, 1998	09071573		Mar 20, 2001	6205188	US	Issued	LSI Logic Corporation
P-3269-JP		Oct 26, 1998	10304413		Aug 26, 2011	4809510	JP	Issued	LSI Logic Corporation
A4-4058		Jul 17, 1998	09118737		Aug 29, 2000	6111824	US	Issued	LSI Logic Corporation
B3-4062		Jun 15, 1998	09098032		Mar 14, 2000	6037262	US	Issued	LSI Logic Corporation
B3-4063		Jun 16, 1998	09098635		May 9, 2000	6060370	US	Issued	LSI Logic Corporation
A2-4064		Jun 18, 1998	09099550		Sep 19, 2000	6122680	US	Issued	LSI Logic Corporation
P-2436/1C		Dec 8, 1997	08986753		Nov 17, 1998	5838585	US	Issued	LSI Logic Corporation
P-2766/1C		Mar 7, 1996	08614806		Jul 6, 1999	5920561	US	Issued	LSI Logic Corporation
P-2761/1P		Mar 4, 1998	09035110		Oct 26, 1999	5972541	US	Issued	LSI Logic Corporation
P-2914-JP		Dec 19, 1997	09369994		Jun 8, 2007	3966524	JP	Issued	LSI Logic Corporation
P-3027-KR		Jan 13, 1998	1019980000706		Jan 26, 2005	470181	KR	Issued	LSI Logic Corporation
B3-4066		May 28, 1999	09321659		Oct 9, 2001	6299723	US	Issued	LSI Logic Corporation
B3-4067		May 28, 1999	09321658		Aug 21, 2001	6276379	US	Issued	LSI Logic Corporation
B3-4068		Jun 15, 1998	09098019		Nov 14, 2000	6147409	US	Issued	LSI Logic Corporation
B3-4069		Jun 12, 1998	09097081		Feb 6, 2001	6185706	US	Issued	LSI Logic Corporation
C4-4073		Apr 17, 1998	09062254		May 2, 2000	6057169	US	Issued	LSI Logic Corporation
C4-4074		Jun 23, 1998	09103654		Nov 27, 2001	6323559	US	Issued	LSI Logic Corporation
C4-4075		Mar 13, 1998	09042230		Jun 5, 2001	6243849	US	Issued	LSI Logic Corporation
B3-4078		Jul 8, 1998	09112403		May 23, 2000	6066266	US	Issued	LSI Logic Corporation
P-3700-JP		Apr 2, 1997	09083808		Jun 8, 2007	3966571	JP	Issued	LSI Logic Corporation
P-3700		Mar 27, 1998	09049890		Jun 19, 2001	6249640	US	Issued	LSI Logic Corporation
B3-4079		Apr 27, 1998	09069027		Mar 14, 2000	6037233	US	Issued	LSI Logic Corporation
B3-4080		Oct 30, 1998	09183637		Aug 14, 2001	6275973	US	Issued	LSI Logic Corporation
P-3348		Jul 24, 1998	09122335		Dec 5, 2000	6156676	US	Issued	LSI Logic Corporation
A4-4081		Mar 30, 1999	09281381		Oct 24, 2000	6137734	US	Issued	LSI Logic Corporation
A4-4082		Jul 1, 1998	09109025		Dec 10, 2002	6493506	US	Issued	LSI Logic Corporation
B4-4084		Nov 24, 1999	09448677		Jan 30, 2001	6181214	US	Issued	LSI Logic Corporation
P-2767/1C		Mar 7, 1996	08614803		Mar 18, 2003	6535512	US	Issued	LSI Logic Corporation
P-2764/1C		Mar 7, 1996	08614804		Dec 8, 1998	5848068	US	Issued	LSI Logic Corporation
A4-4085		Sep 8, 1999	09391973		Dec 16, 2003	6665355	US	Issued	LSI Logic Corporation
C4-4086		Jul 14, 1998	09115464		May 29, 2001	6240542	US	Issued	LSI Logic Corporation
B3-4087		Jul 6, 1998	09111271		Sep 5, 2000	6114215	US	Issued	LSI Logic Corporation
B3-4088		Dec 8, 1998	09207395		Nov 7, 2000	6144076	US	Issued	LSI Logic Corporation
C4-4089		Oct 1, 1999	09410405		May 7, 2002	6385761	US	Issued	LSI Logic Corporation
P-3093-JP		Mar 4, 1998	1998051650		Dec 9, 2011	4881497	JP	Issued	LSI Logic Corporation
P-3122-JP		May 7, 1998	1998140571		Apr 8, 2011	4716530	JP	Issued	LSI Logic Corporation
P-3122-KR		May 6, 1998	19980016166		Jan 16, 2006	545225	KR	Issued	LSI Logic Corporation
P-3122-DE		May 7, 1998	198204426		Oct 2, 2009	4381491	DE	Pending	LSI Logic Corporation
P-3154-JP		Apr 7, 1998	1998094757		May 18, 2012	4996781	JP	Issued	LSI Logic Corporation
P-2953-JP		Jan 27, 1998	10014449		Oct 2, 2009	4381491	JP	Issued	LSI Logic Corporation
A3-4033		May 26, 1999	09320239		Jan 15, 2002	6339389	US	Issued	LSI Logic Corporation
A4-4094		Jul 17, 1998	09118387		Sep 18, 2001	6292283	US	Issued	LSI Logic Corporation
A4-4095		Mar 30, 1999	09281365		Sep 5, 2006	7103187	US	Issued	LSI Logic Corporation
B3-4118		Jun 19, 1998	09100665		May 16, 2000	6061889	US	Issued	LSI Logic Corporation
B2-4117		Jun 15, 1998	09097882		Nov 7, 2000	6143586	US	Issued	LSI Logic Corporation
A4-4099		Jun 26, 1998	09105939		Jan 22, 2002	6341198	US	Issued	LSI Logic Corporation
A4-4100		Jun 26, 1998	09105940		Aug 21, 2001	6278838	US	Issued	LSI Logic Corporation
A4-4101		Jun 26, 1998	09105493		Oct 17, 2000	6133960	US	Issued	LSI Logic Corporation
A4-4102		Jun 26, 1998	09105243		Aug 7, 2001	6272497	US	Issued	LSI Logic Corporation
A4-4103		Jun 26, 1998	09105971		Jul 23, 2002	6424381	US	Issued	LSI Logic Corporation
A4-4106		Jun 26, 1998	09105668		Dec 25, 2001	6334026	US	Issued	LSI Logic Corporation
A4-4107		Jun 26, 1998	09105719		Aug 22, 2000	6108622	US	Issued	LSI Logic Corporation
A4-4108		Jun 26, 1998	09105720		May 9, 2000	6061655	US	Issued	LSI Logic Corporation
A4-4109		Jun 26, 1998	09105718		Aug 29, 2000	6112170	US	Issued	LSI Logic Corporation
A4-4110		Jun 26, 1998	09105492		Mar 9, 2004	6704846	US	Issued	LSI Logic Corporation
A4-4111		Jun 26, 1998	09106049		Dec 12, 2000	6160847	US	Issued	LSI Logic Corporation
A4-4113		Jun 26, 1998	09105614		Sep 12, 2000	6119092	US	Issued	LSI Logic Corporation
C2-4120		Apr 24, 1998	09065751		May 15, 2001	6233712	US	Issued	LSI Logic Corporation
B2-4122		Mar 23, 1999	09275357		Oct 29, 2002	6473801	US	Issued	LSI Logic Corporation
B2-4123-GB		Jun 10, 1998	98125123		Oct 23, 2002	2338320	GB	Issued	LSI Logic Corporation
B2-4123		Mar 5, 1999	09262817		Oct 29, 2002	6473727	US	Issued	LSI Logic Corporation
A4-4124		Jun 26, 1998	09105490		Aug 1, 2000	6098044	US	Issued	LSI Logic Corporation
A4-4125		Jun 26, 1998	09105487		Sep 12, 2000	6119091	US	Issued	LSI Logic Corporation
A4-4126		Jun 26, 1998	09105969		Aug 27, 2001	6272153	US	Issued	LSI Logic Corporation
P-3104-JP		Mar 12, 1998	1998060975				JP	Pending	LSI Logic Corporation
A4-4119		May 6, 1998	09073719		Aug 21, 2001	6278835	US	Issued	LSI Logic Corporation
B3-4096		Jul 22, 1998	09121283		Dec 5, 2000	6156620	US	Issued	LSI Logic Corporation
C4-4130		Oct 30, 1998	09183292		Jan 16, 2001	6174742	US	Issued	LSI Logic Corporation
B2-4128		Jun 25, 1998	09104838		Nov 9, 1999	5981311	US	Issued	LSI Logic Corporation
B2-4129		Jun 23, 1998	09103291		Aug 29, 2000	6110815	US	Issued	LSI Logic Corporation
P-3111-JP		Mar 18, 1998	1998068296		Feb 24, 2012	4932980	JP	Issued	LSI Logic Corporation
B3-4134		Jun 2, 1998	09089461		Oct 10, 2000	6130428	US	Issued	LSI Logic Corporation
P-3432-A		May 1, 1998	09071605		Nov 20, 2001	6320627	US	Issued	LSI Logic Corporation
B2-4142-GB		Jun 19, 1998	98133127		Feb 19, 2003	2342730	GB	Issued	LSI Logic Corporation
B2-4143-GB		Jun 10, 1998	98125099		Mar 12, 2003	2341950	GB	Issued	LSI Logic Corporation
B2-4143		Jun 9, 1999	09328519		Apr 8, 2003	6546409	US	Issued	LSI Logic Corporation
B2-4142		Jun 16, 1999	09334297		Jun 25, 2002	6411975	US	Issued	LSI Logic Corporation
B2-4144-GB		Jun 10, 1998	98125057		Mar 12, 2003	2342729	GB	Issued	LSI Logic Corporation
B2-4144		Jun 9, 1999	09328335		Jul 23, 2002	6424955	US	Issued	LSI Logic Corporation
B3-4145		Dec 11, 1998	09209996		Apr 2, 2002	6367042	US	Issued	LSI Logic Corporation

B1-4146	May 17, 2001	09859880	Jul 8, 2003	6590289	US	Issued	LSI Logic Corporation
B2-4147-GB	Jul 2, 1998	98143787	Jun 18, 2003	2340000	GB	Issued	LSI Logic Corporation
B2-4147	Jul 1, 1999	09346439	Jul 1, 2003	6587157	US	Issued	LSI Logic Corporation
P-3577	Mar 5, 1999	09262816	May 7, 2002	6385742	US	Issued	LSI Logic Corporation
B3-4151	Aug 27, 1999	09384705	Jul 13, 2004	6763033	US	Issued	LSI Logic Corporation
P-3271/IP	Aug 13, 1997	08910730	Oct 5, 1999	5963057	US	Issued	LSI Logic Corporation
B2-4156	Jun 15, 1998	09097883	Dec 14, 1999	6002169	US	Issued	LSI Logic Corporation
P-3141	Apr 13, 1998	09059243	Mar 28, 2000	6043716	US	Issued	LSI Logic Corporation
P-2693/IP-JP	Apr 23, 1998	10153504	Nov 12, 1999	3001855	JP	Issued	LSI Logic Corporation
A4-4162	Dec 20, 1999	09467193	Oct 9, 2001	6300770	US	Issued	LSI Logic Corporation
A4-4168	Dec 17, 1999	09465618	Apr 9, 2002	6369859	US	Issued	LSI Logic Corporation
A4-4172	May 28, 1998	09087459	Oct 17, 2000	6134696	US	Issued	LSI Logic Corporation
P-3141-JP	Apr 16, 1998	10635498	May 16, 2008	4124511	JP	Issued	LSI Logic Corporation
A4-4178	Dec 9, 1998	09207704	Oct 9, 2001	6301598	US	Issued	LSI Logic Corporation
C3-4173	Jul 17, 1998	09118602	May 9, 2000	6061264	US	Issued	LSI Logic Corporation
C3-4174	Jul 17, 1998	09118232	Jul 10, 2001	6259146	US	Issued	LSI Logic Corporation
P-2811/ID	Apr 20, 1998	09063476	Jun 22, 2004	6754196	US	Issued	LSI Logic Corporation
P-2927-GB	May 2, 1997	974009920	Mar 22, 2006	0876016	GB	Issued	LSI Logic Corporation
P-2927	May 1, 1998	09071269	Jun 26, 2001	6252850	US	Issued	LSI Logic Corporation
11728-88	Apr 23, 1997	08842379	May 2, 2000	6057594	US	Issued	LSI Logic Corporation
A4-4179	Jun 19, 1998	09100510	Oct 24, 2000	6138265	US	Issued	LSI Logic Corporation
B3-4181	Mar 1, 1999	09261270	Jul 11, 2000	6087726	US	Issued	LSI Logic Corporation
P-3030-TW	Feb 25, 1998	87102678	May 11, 2000	115428	TW	Issued	LSI Logic Corporation
P-3091/ID	Apr 27, 1998	09067545	Jan 18, 2000	6016009	US	Issued	LSI Logic Corporation
B3-4183/ID	Apr 22, 1998	09064802	Jul 9, 2002	6418353	US	Issued	LSI Logic Corporation
P-3117-JP	Apr 8, 1998	1998096236	Aug 13, 2010	4565674	JP	Issued	LSI Logic Corporation
P-2971-1C-GB	Mar 6, 1998	98049133	May 9, 2001	2322994	GB	Issued	LSI Logic Corporation
A4-4186	Jun 1, 1998	09088429	Feb 19, 2002	6349117	US	Issued	LSI Logic Corporation
P-2773A/1C	Feb 5, 1996	08596978	Apr 20, 1999	5896426	US	Issued	LSI Logic Corporation
C1-4187	Jan 20, 1999	09233885	Jan 9, 2001	6171731	US	Issued	LSI Logic Corporation
C1-4189	Jan 19, 1999	09233828	Mar 6, 2001	6197456	US	Issued	LSI Logic Corporation
A4-4192	Jul 9, 1999	09350700	Nov 4, 2003	6643332	US	Issued	LSI Logic Corporation
P-3013-1C-GB	Mar 6, 1998	98049158	Jan 31, 2001	2322995	GB	Issued	LSI Logic Corporation
B4-4196	Dec 12, 2000	09735255	Oct 14, 2003	6634014	US	Issued	LSI Logic Corporation
B4-4197	May 2, 2001	09847460	Dec 31, 2002	6502230	US	Issued	LSI Logic Corporation
A4-4204	Nov 5, 1999	09435184	Apr 1, 2003	6542196	US	Issued	LSI Logic Corporation
C4-4206	Jul 16, 1998	09118661	Jan 30, 2001	6182272	US	Issued	LSI Logic Corporation
C4-4207	Jul 22, 1998	09120617	Jun 25, 2002	6421202	US	Issued	LSI Logic Corporation
A4-4208	Feb 4, 1999	09244596	Jul 16, 2002	6421400	US	Issued	LSI Logic Corporation
P-2356/1C/1C	Sep 23, 1996	08717843	Sep 28, 1999	5960006	US	Issued	LSI Logic Corporation
C1-4189-JP	Jul 19, 2002	2001554123	Sep 30, 2011	4831802	JP	Issued	LSI Logic Corporation
C1-4188-JP	Jan 20, 2000	2001554268	Sep 3, 2010	4580134	JP	Issued	LSI Logic Corporation
P-2379/1C/1D	May 18, 1998	09081387	Jul 11, 2000	6088519	US	Issued	LSI Logic Corporation
P-3175-KR	Jun 30, 1998	1019980025571	Dec 9, 2005	537034	KR	Issued	LSI Logic Corporation
B3-4210	Jan 12, 2000	09481891	Jul 3, 2001	6255836	US	Issued	LSI Logic Corporation
A5-4211	Aug 16, 1999	09375835	Jul 24, 2001	6266249	US	Issued	LSI Logic Corporation
A4-4217	Jan 5, 2000	09477658	Apr 27, 2004	6728327	US	Issued	LSI Logic Corporation
P-3162-JP	Jun 18, 1998	10171629	Jul 4, 2008	4149567	JP	Issued	LSI Logic Corporation
P-3161-JP	Jun 18, 1998	10171393	Jul 25, 2008	4160166	JP	Issued	LSI Logic Corporation
P-3159-JP	Jun 18, 1998	10170846	Aug 15, 2008	4170444	JP	Issued	LSI Logic Corporation
P-3164-JP	Jun 18, 1998	10171632	Jul 31, 2009	4351306	JP	Issued	LSI Logic Corporation
B3-4231	Dec 29, 1999	09474666	Nov 27, 2001	6323106	US	Issued	LSI Logic Corporation
B3-4236	Oct 30, 2000	09703616	May 21, 2002	6391768	US	Issued	LSI Logic Corporation
C4-4253	Feb 29, 2000	09515250	Nov 19, 2002	6484297	US	Issued	LSI Logic Corporation
C4-4247	Feb 29, 2000	09515376	Nov 16, 2004	6820048	US	Issued	LSI Logic Corporation
C4-4254	Sep 20, 2000	09665924	Jan 13, 2004	6678711	US	Issued	LSI Logic Corporation
B3-4260	Jan 15, 1999	09231265	Jan 1, 2002	6335295	US	Issued	LSI Logic Corporation
B3-4260-JP	Jan 17, 2000	2000008156	Jul 8, 2011	4777494	JP	Issued	LSI Logic Corporation
A4-4264	Mar 30, 2000	09539681	May 2, 2006	7039298	US	Issued	LSI Logic Corporation
A4-4266	Sep 22, 1999	09400686	Jul 9, 2002	6417562	US	Issued	LSI Logic Corporation
P-2844/1D	Jun 26, 1998	09105546	Oct 26, 1999	5973767	US	Issued	LSI Logic Corporation
B4-4283	Nov 24, 1999	09449324	Apr 1, 2003	6542834	US	Issued	LSI Logic Corporation
B4-4285	Nov 24, 1999	09448307	Oct 9, 2001	6300800	US	Issued	LSI Logic Corporation
A4-4286	May 9, 1995	08437957	Sep 2, 1997	5663900	US	Issued	LSI Logic Corporation
P-3191-KR	Aug 25, 1998	10199834422	Sep 23, 2005	518150	KR	Issued	LSI Logic Corporation
P-3302-KR	Aug 20, 1998	1019980033782	Jun 24, 2005	499194	KR	Issued	LSI Logic Corporation
P-3239-JP	Oct 9, 1998	1998287829	Jul 23, 2010	4555410	JP	Issued	LSI Logic Corporation
A4-4291	Dec 27, 1999	09472630	Nov 1, 2005	6961514	US	Issued	LSI Logic Corporation
B3-4293	Mar 29, 1999	09281602	Mar 20, 2001	6204192	US	Issued	LSI Logic Corporation
B3-4296	Jul 27, 1999	09362645	Sep 5, 2000	6114259	US	Issued	LSI Logic Corporation
P-3375/1C	Sep 9, 1998	09150076	Apr 24, 2001	6221681	US	Issued	LSI Logic Corporation
P-2786/1C	Mar 1, 1996	08609397	Mar 14, 2000	6038385	US	Issued	LSI Logic Corporation
LLC-2108/1D/1C/1C	Jun 8, 1998	09093437	Jan 9, 2001	6171888	US	Issued	LSI Logic Corporation
A4-4299	Jan 4, 2000	09477317	Mar 30, 2004	6714606	US	Issued	LSI Logic Corporation
C3-4300	Oct 28, 1999	09428799	Jan 7, 2003	6505308	US	Issued	LSI Logic Corporation
C3-4302	Mar 29, 1999	09281514	Feb 22, 2000	6028015	US	Issued	LSI Logic Corporation
C3-4303	Mar 22, 1999	09274457	Oct 16, 2001	6303047	US	Issued	LSI Logic Corporation
A3-4313	Jul 28, 1999	09363697	Apr 15, 2003	6550032	US	Issued	LSI Logic Corporation
A3-4315	Aug 11, 1999	09372275	Dec 17, 2002	6496950	US	Issued	LSI Logic Corporation
A3-4316	Sep 16, 1999	09397542	Jun 29, 2004	6757854	US	Issued	LSI Logic Corporation
P-3035/1C	Mar 28, 1997	08829520	Nov 2, 1999	5977574	US	Issued	LSI Logic Corporation
4322	Dec 16, 1998	09212853	Sep 24, 2002	6456647	US	Issued	LSI Logic Corporation
P-3386/1D	Nov 23, 1998	09198208	May 29, 2001	6239499	US	Issued	LSI Logic Corporation
P-2801/1C	Jun 28, 1996	08671659	Jul 4, 2000	6085032	US	Issued	LSI Logic Corporation
C3-4303-JP	Mar 22, 2000	2000079900	May 23, 2003	3432783	JP	Issued	LSI Logic Corporation
L94-6360-20	Dec 31, 1996	08777858	Jan 26, 1999	5864712	US	Issued	LSI Logic Corporation
L94-6318	Dec 18, 1995	08579029	Feb 17, 1998	5719983	US	Issued	LSI Logic Corporation
L95-085	Mar 29, 1996	08624235	Feb 2, 1999	5867736	US	Issued	LSI Logic Corporation
L95-086	Oct 20, 1995	08546003	Sep 23, 1997	5671365	US	Issued	LSI Logic Corporation
L95-078	Sep 30, 1996	08720601	Aug 26, 1997	5661687	US	Issued	LSI Logic Corporation
L95-076	Sep 30, 1996	08723327	Nov 17, 1998	5838616	US	Issued	LSI Logic Corporation
L95-075	Mar 21, 1997	08823305	Apr 3, 2001	6211096	US	Issued	LSI Logic Corporation
L95-071	Dec 29, 1995	08580955	Jun 2, 1998	5761424	US	Issued	LSI Logic Corporation
L95-066	Dec 22, 1995	08576894	Nov 24, 1998	5841427	US	Issued	LSI Logic Corporation
L95-068	Dec 13, 1995	08573211	Jun 16, 1998	5768616	US	Issued	LSI Logic Corporation
L95-069	Dec 29, 1995	08580947	Jul 7, 1998	5777987	US	Issued	LSI Logic Corporation
L95-065	Feb 23, 1996	08605965	May 25, 1999	5907717	US	Issued	LSI Logic Corporation
L95-118	Nov 12, 1996	08745526	Nov 9, 1999	5983017	US	Issued	LSI Logic Corporation

L95-020	Aug 11, 1995	08514479	May 5, 1998	5748871	US	Issued	LSI Logic Corporation
L95-122	Feb 9, 1996	08599569	Jan 12, 1999	5859392	US	Issued	LSI Logic Corporation
L95-123	Apr 8, 1996	08629154	Jul 7, 1998	5778194	US	Issued	LSI Logic Corporation
L95-120	Feb 9, 1996	08599574	Nov 17, 1998	5837947	US	Issued	LSI Logic Corporation
L95-096	Jun 28, 1996	08673654	Aug 10, 1999	5937174	US	Issued	LSI Logic Corporation
L95-091	Mar 28, 1996	08623470	Jan 19, 1999	5861652	US	Issued	LSI Logic Corporation
L95-093	Jun 25, 1996	08668657	Jul 7, 1998	5777509	US	Issued	LSI Logic Corporation
L95-095	Feb 9, 1996	08599609	May 11, 1999	5902967	US	Issued	LSI Logic Corporation
L95-106	May 22, 1996	08650248	Mar 25, 2003	6539509	US	Issued	LSI Logic Corporation
L95-097	Dec 22, 1995	08580036	Jun 12, 2001	6246278	US	Issued	LSI Logic Corporation
L95-098	Jun 28, 1996	08673390	Nov 13, 2001	6317469	US	Issued	LSI Logic Corporation
L95-100	Oct 27, 1995	08549384	Oct 26, 1999	5974502	US	Issued	LSI Logic Corporation
L95-103	Jun 28, 1996	08671863	Jan 12, 1999	5860091	US	Issued	LSI Logic Corporation
L95-104	Dec 29, 1995	08586013	Dec 25, 2001	6334195	US	Issued	LSI Logic Corporation
L95-094	Mar 26, 1997	08824170	Nov 16, 1999	5987085	US	Issued	LSI Logic Corporation
L95-017	Apr 4, 1996	08630906	Jun 2, 1998	5761705	US	Issued	LSI Logic Corporation
L95-029	Oct 31, 1995	08551303	Aug 27, 2002	6441810	US	Issued	LSI Logic Corporation
L95-027	Dec 29, 1995	08580560	Aug 4, 1998	5790773	US	Issued	LSI Logic Corporation
L95-026	Dec 29, 1995	08581153	Apr 21, 1998	5742752	US	Issued	LSI Logic Corporation
L95-024	Jul 24, 1995	08506148	Mar 17, 1998	5729705	US	Issued	LSI Logic Corporation
L95-021	May 23, 1995	08447594	Jun 25, 2002	6412045	US	Issued	LSI Logic Corporation
L95-033	Nov 13, 1995	08556689	Jul 7, 1998	5777596	US	Issued	LSI Logic Corporation
L95-018	May 22, 1995	08445828	Jun 29, 1999	5917723	US	Issued	LSI Logic Corporation
L95-034	Oct 16, 1995	08543767	Aug 11, 1998	5793822	US	Issued	LSI Logic Corporation
L95-016	Oct 23, 1995	08546861	Jul 7, 1998	5778426	US	Issued	LSI Logic Corporation
L95-004	Sep 26, 1995	08534228	Aug 18, 1998	5796778	US	Issued	LSI Logic Corporation
L95-019	Aug 11, 1995	08514013	Aug 4, 1998	5790794	US	Issued	LSI Logic Corporation
L95-045	Jul 24, 1995	08506293	Mar 31, 1998	5734848	US	Issued	LSI Logic Corporation
L95-058	Dec 29, 1995	08580566	Jul 28, 1998	5787242	US	Issued	LSI Logic Corporation
L95-054	Mar 29, 1996	08625665	Sep 21, 1999	5956492	US	Issued	LSI Logic Corporation
L95-032	Dec 11, 1995	08570153	Aug 24, 1999	5943483	US	Issued	LSI Logic Corporation
L95-037	Dec 29, 1995	08580110	Jul 14, 1998	5781769	US	Issued	LSI Logic Corporation
L95-051	Jul 21, 1995	08505044	Dec 15, 1998	5850422	US	Issued	LSI Logic Corporation
L96-153	Jan 10, 1997	08781462	Jan 22, 2002	6341301	US	Issued	LSI Logic Corporation
L97-005	Aug 6, 1997	08906918	Aug 10, 1999	5937428	US	Issued	LSI Logic Corporation
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L97-012	May 5, 1998	09072566	Jul 4, 2000	6083271	US	Issued	LSI Logic Corporation
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L97-017	Mar 21, 1997	08823298	Nov 5, 2002	6477584	US	Issued	LSI Logic Corporation
L97-016	Dec 30, 1997	09000688	Apr 11, 2000	6049520	US	Issued	LSI Logic Corporation
L97-014	Jun 29, 1998	09106728	Feb 6, 2001	6185171	US	Issued	LSI Logic Corporation
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L96-131	Dec 19, 1997	08995213	Aug 15, 2000	6105103	US	Issued	LSI Logic Corporation
L96-152	Jan 10, 1997	08781336	Jul 13, 1999	5922057	US	Issued	LSI Logic Corporation
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L96-124	Dec 13, 1996	08766920	Mar 9, 1999	5881215	US	Issued	LSI Logic Corporation
L96-123	May 12, 1997	08854298	May 9, 2000	6061806	US	Issued	LSI Logic Corporation
L96-122	Sep 30, 1997	08941620	Nov 21, 2000	6151641	US	Issued	LSI Logic Corporation
L95-114	Dec 30, 1997	08999160	Oct 17, 2000	6134063	US	Issued	LSI Logic Corporation
L96-120	Feb 21, 1997	08804326	Jun 29, 1999	5918241	US	Issued	LSI Logic Corporation
L96-129	Dec 23, 1996	08772443	Nov 25, 2003	6654853	US	Issued	LSI Logic Corporation
L96-150	Jan 10, 1997	08781871	Oct 12, 1999	5966547	US	Issued	LSI Logic Corporation
L96-147	Dec 23, 1996	08773469	Nov 30, 1999	5995740	US	Issued	LSI Logic Corporation
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L96-140	Aug 1, 1997	08904736	Jul 17, 2001	6262567	US	Issued	LSI Logic Corporation
L97-077	Mar 31, 1998	09052853	Jul 10, 2001	6260093	US	Issued	LSI Logic Corporation
L97-068	Jan 13, 1998	09006918	Oct 17, 2000	6133077	US	Issued	LSI Logic Corporation
L97-075	May 8, 1998	09075029	Jul 25, 2000	6093585	US	Issued	LSI Logic Corporation
L97-089	Dec 29, 1998	09222054	Mar 4, 2003	6529963	US	Issued	LSI Logic Corporation
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L97-082	Mar 25, 1998	09047877	Oct 31, 2000	6141631	US	Issued	LSI Logic Corporation
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L97-036	Mar 31, 1998	09052854	Jan 2, 2001	6170034	US	Issued	LSI Logic Corporation
L97-035	Apr 16, 1998	09061435	Nov 23, 1999	5991890	US	Issued	LSI Logic Corporation
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L97-049	Dec 23, 1997	08996730	Mar 7, 2000	6033441	US	Issued	LSI Logic Corporation
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L96-024	Jun 28, 1996	08674592	Mar 9, 1999	5881254	US	Issued	LSI Logic Corporation
L96-027	Dec 23, 1996	08771006	Apr 25, 2000	6055228	US	Issued	LSI Logic Corporation
1496.00022	Jun 28, 1996	08672784	Sep 5, 2000	6115769	US	Issued	LSI Logic Corporation
L96-022	May 23, 1997	08862233	Nov 30, 1999	5995730	US	Issued	LSI Logic Corporation
L96-021	Jun 17, 1997	08877117	Oct 26, 1999	5974241	US	Issued	LSI Logic Corporation
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L96-026	Mar 31, 1997	08828614	Aug 31, 1999	5944838	US	Issued	LSI Logic Corporation
L96-041	Jun 3, 1997	08867992	Nov 30, 1999	5996037	US	Issued	LSI Logic Corporation
L96-046	Feb 6, 1997	08796707	Jan 19, 1999	5862352	US	Issued	LSI Logic Corporation
L96-042	Aug 19, 1996	08704456	Jul 7, 1998	5777898	US	Issued	LSI Logic Corporation
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L95-138	Dec 22, 1995	08575793	Nov 4, 1997	5684415	US	Issued	LSI Logic Corporation
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L95-133	Sep 30, 1996	08720595	Mar 9, 1999	5880515	US	Issued	LSI Logic Corporation
L95-132	Dec 23, 1996	08772617	Jun 22, 1999	5914617	US	Issued	LSI Logic Corporation

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L97-097	Oct 17, 1997	08953184	Dec 14, 1999	6002567	US	Issued	LSI Logic Corporation
L96-013	Sep 29, 1997	08939942	Jan 11, 2000	6014052	US	Issued	LSI Logic Corporation
L96-009	Jun 27, 1996	08672180	Nov 23, 1999	5990716	US	Issued	LSI Logic Corporation
L96-012	Mar 29, 1996	08625452	May 5, 1998	5748050	US	Issued	LSI Logic Corporation
L95-139	May 16, 1996	08648849	Aug 20, 2002	6437932	US	Issued	LSI Logic Corporation
L95-142	Jun 28, 1996	08671862	Dec 7, 1999	5999029	US	Issued	LSI Logic Corporation
L96-005	May 21, 1996	08651018	Oct 12, 1999	5966599	US	Issued	LSI Logic Corporation
L96-004	Jun 18, 1997	08878160	Aug 17, 1999	5939912	US	Issued	LSI Logic Corporation
L96-010	Jun 28, 1996	08671850	Sep 1, 1998	5801564	US	Issued	LSI Logic Corporation
L96-098	May 7, 1998	09074298	Jun 6, 2000	6071562	US	Issued	LSI Logic Corporation
L96-096	Dec 23, 1996	08773471	Oct 5, 1999	5963828	US	Issued	LSI Logic Corporation
L96-092	Dec 20, 1996	08777686	Aug 1, 2000	6097218	US	Issued	LSI Logic Corporation
L96-089	Sep 11, 1997	08927947	Sep 19, 2000	6122336	US	Issued	LSI Logic Corporation
L96-088	Mar 27, 1997	08825082	Jul 6, 1999	5920211	US	Issued	LSI Logic Corporation
L96-087	Dec 23, 1997	08997503	May 25, 1999	5907511	US	Issued	LSI Logic Corporation
L96-110	Dec 23, 1997	08997242	May 4, 1999	5901095	US	Issued	LSI Logic Corporation
L96-117	Jul 29, 1997	08902146	May 2, 2000	6058485	US	Issued	LSI Logic Corporation
L96-116	Mar 31, 1997	08829409	May 30, 2000	6070206	US	Issued	LSI Logic Corporation
L96-115	Apr 15, 1997	08843419	May 9, 2000	6061194	US	Issued	LSI Logic Corporation
L96-113	Jun 27, 1997	08884233	Feb 22, 2000	6029216	US	Issued	LSI Logic Corporation
L96-102	Mar 31, 1998	09052851	May 2, 2000	6057571	US	Issued	LSI Logic Corporation
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L96-107	Dec 13, 1996	08763373	Oct 13, 1998	5821013	US	Issued	LSI Logic Corporation
L96-103	Mar 23, 1998	09046242	Jun 6, 2000	6071817	US	Issued	LSI Logic Corporation
L96-058	Dec 11, 1996	08764547	Mar 9, 1999	5880599	US	Issued	LSI Logic Corporation
L96-062	Dec 17, 1996	08768905	Oct 13, 1998	5821572	US	Issued	LSI Logic Corporation
L96-061	Aug 13, 1996	08696445	Feb 9, 1999	5868608	US	Issued	LSI Logic Corporation
L96-059	Sep 4, 1997	08923676	Jun 29, 1999	5915414	US	Issued	LSI Logic Corporation
L96-067	Oct 14, 1997	08949738	Oct 26, 1999	5974582	US	Issued	LSI Logic Corporation
L96-057	Oct 14, 1997	08949737	Aug 24, 1999	5943348	US	Issued	LSI Logic Corporation
L96-054	Mar 31, 1997	08828496	Jan 26, 1999	5864246	US	Issued	LSI Logic Corporation
L96-053	Sep 30, 1996	08724596	Jan 18, 2000	6016527	US	Issued	LSI Logic Corporation
L96-060/1C	Oct 20, 1997	08954006	Aug 1, 2000	6096625	US	Issued	LSI Logic Corporation
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L96-083	May 8, 1998	09074837	Jul 18, 2000	6090656	US	Issued	LSI Logic Corporation
L96-077	Mar 31, 1998	09052849	Sep 9, 2003	6617893	US	Issued	LSI Logic Corporation
L96-073	Dec 23, 1996	08772616	Nov 23, 1999	5991891	US	Issued	LSI Logic Corporation
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L96-070	Mar 27, 1998	09049316	Sep 28, 1999	5959914	US	Issued	LSI Logic Corporation
L96-069	Mar 17, 1997	08819018	Jan 18, 2000	6016525	US	Issued	LSI Logic Corporation
L96-075	Jun 28, 1996	08672796	Aug 3, 1999	5931921	US	Issued	LSI Logic Corporation
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L95-024-JP	Jul 23, 1996	08193056	May 11, 2001	3187720	JP	Issued	LSI Logic Corporation
L95-045-JP	Jul 23, 1996	08193058	Jul 12, 2002	3328141	JP	Issued	LSI Logic Corporation
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L95-024-KR	Jul 24, 1996	1019960030027	Aug 10, 2000	0271118	KR	Issued	LSI Logic Corporation
L95-027-JP	Dec 25, 1996	08344897	May 11, 2001	3187730	JP	Issued	LSI Logic Corporation
L95-007-JP	Dec 25, 1996	08344898	Oct 20, 2000	3121274	JP	Issued	LSI Logic Corporation
L95-095-KR	Feb 6, 1997	39731997	Apr 4, 2001	0293651	KR	Issued	LSI Logic Corporation
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L95-142-TW	Jun 17, 1997	86108399	May 17, 2000	110798	TW	Issued	LSI Logic Corporation
L95-117-NL	Jun 18, 1997	979261542	May 16, 2001	0948770	NL	Issued	LSI Logic Corporation
L96-010-TW	Jun 17, 1997	86108400	May 20, 1999	100344	TW	Issued	LSI Logic Corporation
L95-015	May 23, 1995	08447377	Dec 24, 1996	5588110	US	Issued	LSI Logic Corporation
L95-135	Dec 29, 1995	08580674	Jul 8, 1997	5645736	US	Issued	LSI Logic Corporation
L95-080	Jun 28, 1996	08674593	Jul 15, 1997	5648930	US	Issued	LSI Logic Corporation
L95-002	Jun 30, 1995	08496861	Aug 5, 1997	5654537	US	Issued	LSI Logic Corporation
L96-127	Jul 31, 1997	08904444	Jan 23, 2001	6178520	US	Issued	LSI Logic Corporation
L97-109	Apr 3, 1998	09054849	Feb 6, 2001	6185620	US	Issued	LSI Logic Corporation
L97-129	Mar 25, 1998	09047772	Sep 5, 2000	6115770	US	Issued	LSI Logic Corporation
L96-125-TW	Nov 11, 1997	86116794	Mar 30, 2000	107997	TW	Issued	LSI Logic Corporation
L95-118-TW	Nov 11, 1997	86116796	Apr 4, 2002	146371	TW	Issued	LSI Logic Corporation
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L97-121	Mar 4, 1998	09034965	Dec 7, 1999	5999469	US	Issued	LSI Logic Corporation
L95-007	Mar 20, 1997	08822078	Jan 19, 1999	5861055	US	Issued	LSI Logic Corporation
L97-138	Mar 31, 1998	09052713	Sep 12, 2000	6119182	US	Issued	LSI Logic Corporation
L97-139	Oct 13, 1998	09170497	Oct 3, 2000	6128760	US	Issued	LSI Logic Corporation
L97-142	Dec 23, 1997	08997366	Apr 20, 1999	5896331	US	Issued	LSI Logic Corporation
L97-120	Oct 19, 1998	09174790	Dec 18, 2001	6332177	US	Issued	LSI Logic Corporation
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L95-099/1C	Sep 4, 1997	08923228	May 23, 2000	6067635	US	Issued	LSI Logic Corporation
L96-107-TW	Dec 13, 1997	86118838	Jul 4, 2000	112608	TW	Issued	LSI Logic Corporation
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L97-158	Dec 23, 1997	08996528	Dec 7, 1999	6000037	US	Issued	LSI Logic Corporation
L97-160	Dec 30, 1997	09000532	Apr 27, 2004	6727728	US	Issued	LSI Logic Corporation
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L98-015	May 21, 1998	09082810	Mar 27, 2001	6206573	US	Issued	LSI Logic Corporation
L98-017	Jun 30, 1998	09109331	Jun 6, 2000	6071818	US	Issued	LSI Logic Corporation
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L98-035	Aug 4, 1999	09366827	Apr 10, 2001	6216199	US	Issued	LSI Logic Corporation
L98-036	Jun 30, 1998	09107874	Nov 2, 1999	5978304	US	Issued	LSI Logic Corporation
L98-037	Mar 30, 1998	09052274	Jan 30, 2001	6180998	US	Issued	LSI Logic Corporation
L98-038	Jun 30, 1998	09106965	Dec 21, 1999	6005824	US	Issued	LSI Logic Corporation
L97-125	May 21, 1998	09082663	Mar 29, 2005	6873948	US	Issued	LSI Logic Corporation
L98-044	Sep 30, 1998	09163623	May 30, 2000	6069048	US	Issued	LSI Logic Corporation
L97-119	May 13, 1999	09311316	Aug 14, 2001	6275898	US	Issued	LSI Logic Corporation
L98-052	Mar 31, 1998	09052715	Sep 5, 2000	6115771	US	Issued	LSI Logic Corporation
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L98-061	Dec 16, 1998	09212769	Apr 10, 2001	6216254	US	Issued	LSI Logic Corporation
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L97-116	May 8, 1998	09074836	Nov 2, 1999	5977812	US	Issued	LSI Logic Corporation
L98-007	Jun 30, 1998	09107342	Jun 5, 2001	6241847	US	Issued	LSI Logic Corporation
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L96-108-TW	Feb 17, 1998	87102155	Nov 11, 1999	109370	TW	Issued	LSI Logic Corporation
L97-133	Mar 2, 2000	09517150	Nov 12, 2002	6479857	US	Issued	LSI Logic Corporation
L98-065	Oct 14, 1998	09172563	Aug 22, 2000	6108740	US	Issued	LSI Logic Corporation
L98-022	Aug 28, 1998	09143083	Jul 17, 2001	6261870	US	Issued	LSI Logic Corporation
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L98-019	Jul 8, 1998	09112222	Jun 13, 2000	6074517	US	Issued	LSI Logic Corporation
L97-123	Jan 20, 1999	09233529	Jun 18, 2002	6408265	US	Issued	LSI Logic Corporation
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L98-027	Dec 21, 1998	09217183	Aug 10, 2004	6775453	US	Issued	LSI Logic Corporation
L95-083	Mar 31, 1998	09052914	Feb 22, 2000	6028995	US	Issued	LSI Logic Corporation
L98-074	Sep 11, 1998	09151900	Aug 7, 2001	6272671	US	Issued	LSI Logic Corporation
L98-080	Sep 14, 1999	09395507	Dec 11, 2001	6328802	US	Issued	LSI Logic Corporation
L98-034	Dec 18, 1998	09216636	Nov 28, 2000	6154331	US	Issued	LSI Logic Corporation
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L95-075-TW	Mar 17, 1998	87103907	Oct 8, 2001	133913	TW	Issued	LSI Logic Corporation
L98-087	Jul 29, 1998	09124494	May 23, 2000	6067652	US	Issued	LSI Logic Corporation
L98-088	Dec 8, 1998	09207191	Oct 23, 2001	6308292	US	Issued	LSI Logic Corporation
L98-042	Sep 29, 1998	09162407	Apr 3, 2001	6211555	US	Issued	LSI Logic Corporation
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L98-093	Dec 15, 1998	09211922	Jul 18, 2000	6090724	US	Issued	LSI Logic Corporation
L98-095	Sep 30, 1998	09164069	Sep 2, 2003	6614097	US	Issued	LSI Logic Corporation
L98-096	Mar 30, 1998	09050674	Dec 7, 1999	5999440	US	Issued	LSI Logic Corporation
L98-097	Mar 30, 1998	09052279	May 16, 2000	6064588	US	Issued	LSI Logic Corporation
L98-098	Mar 30, 1998	09052273	Oct 26, 1999	5973952	US	Issued	LSI Logic Corporation
L96-135-TW	Apr 2, 1998	87104961	Dec 5, 2000	118316	TW	Issued	LSI Logic Corporation
L98-064	Dec 17, 1998	09213847	Jan 23, 2001	6177305	US	Issued	LSI Logic Corporation
L98-040	Jul 31, 1998	09127486	Jun 5, 2001	6242814	US	Issued	LSI Logic Corporation
L98-113	Jun 25, 1998	09104487	May 16, 2000	6065089	US	Issued	LSI Logic Corporation
L98-115	Aug 28, 1998	09143086	Mar 18, 2003	6535519	US	Issued	LSI Logic Corporation
L98-116	Oct 5, 1998	09166304	May 7, 2002	6385236	US	Issued	LSI Logic Corporation
L97-143	Dec 18, 1998	09216394	May 22, 2001	6235590	US	Issued	LSI Logic Corporation
L98-070	Oct 9, 1998	09169368	May 15, 2001	6233210	US	Issued	LSI Logic Corporation
L98-138	Nov 16, 1998	09192891	Jul 23, 2002	6425021	US	Issued	LSI Logic Corporation
L98-140	Oct 9, 1998	09169812	Jun 19, 2001	6249237	US	Issued	LSI Logic Corporation
L98-086	Aug 31, 1998	09143195	Jan 30, 2001	6182245	US	Issued	LSI Logic Corporation
L98-144	Jun 25, 1999	09344056	Feb 19, 2002	6348808	US	Issued	LSI Logic Corporation
L98-145	Apr 14, 1999	09292079	Apr 3, 2001	6211051	US	Issued	LSI Logic Corporation
L98-146	Dec 11, 1998	09209907	Jul 18, 2000	6091652	US	Issued	LSI Logic Corporation
L98-149	Dec 15, 1998	09212503	Sep 12, 2000	6117779	US	Issued	LSI Logic Corporation
L98-151	Dec 17, 1998	09213803	Nov 13, 2001	6316276	US	Issued	LSI Logic Corporation
L98-152	Oct 22, 1998	09177335	Mar 13, 2001	6201253	US	Issued	LSI Logic Corporation
L98-075	Sep 30, 1998	09163683	Aug 29, 2000	6111310	US	Issued	LSI Logic Corporation
L98-153	Sep 10, 1998	09151228	Apr 9, 2002	6370493	US	Issued	LSI Logic Corporation
L98-155	Dec 11, 1998	09210284	Sep 4, 2001	6285637	US	Issued	LSI Logic Corporation
L98-156	Dec 14, 1998	09211129	Oct 16, 2001	6304993	US	Issued	LSI Logic Corporation
L98-157	Dec 11, 1998	09209856	Jul 10, 2001	6259659	US	Issued	LSI Logic Corporation
L98-164	Jul 8, 1998	09111529	Sep 4, 2001	6285035	US	Issued	LSI Logic Corporation
L98-175	Dec 15, 1998	09212366	Nov 21, 2000	6150175	US	Issued	LSI Logic Corporation
L98-183	Jun 18, 1999	09336649	May 31, 2005	6901456	US	Issued	LSI Logic Corporation
L98-184	Dec 18, 1998	09217974	Sep 18, 2001	6292855	US	Issued	LSI Logic Corporation
L97-028-TW	Jun 30, 1998	87110531	Oct 8, 2001	133937	TW	Issued	LSI Logic Corporation
L98-163	Jul 30, 1999	09364140	Sep 17, 2002	6451699	US	Issued	LSI Logic Corporation
L98-154	Dec 3, 1998	09204766	Apr 6, 2004	6717947	US	Issued	LSI Logic Corporation
L98-158	Dec 11, 1998	09209704	Sep 19, 2000	6121147	US	Issued	LSI Logic Corporation
L97-132	Jun 30, 1998	09109335	Jun 20, 2000	6077783	US	Issued	LSI Logic Corporation
L98-062	Jun 30, 1998	09108082	Dec 4, 2001	6327638	US	Issued	LSI Logic Corporation
L98-189	Sep 2, 1999	09388727	Mar 19, 2002	6359314	US	Issued	LSI Logic Corporation
L98-192	Dec 3, 1998	09204815	Sep 5, 2000	6115232	US	Issued	LSI Logic Corporation
L98-197	Apr 30, 1999	09302832	Sep 11, 2001	6287987	US	Issued	LSI Logic Corporation
L98-201	Apr 30, 1999	09302830	Oct 24, 2000	6136719	US	Issued	LSI Logic Corporation
L98-204	Dec 3, 1998	09204767	Jan 16, 2001	6174407	US	Issued	LSI Logic Corporation
L98-170	Dec 31, 1998	09224524	Dec 4, 2001	6327672	US	Issued	LSI Logic Corporation
L98-104	Nov 23, 1998	09198062	Jun 13, 2000	6075733	US	Issued	LSI Logic Corporation
L95-117-DE	Jun 18, 1997	979261542	May 16, 2001	69704880.2	DE	Issued	LSI Logic Corporation
L95-117-FR	Jun 18, 1997	979261542	May 16, 2001	0948770	FR	Issued	LSI Logic Corporation
L95-117-GB	Jun 18, 1997	979261542	May 16, 2001	0948770	GB	Issued	LSI Logic Corporation
L98-214	Mar 29, 1999	09280093	Jul 24, 2001	6266723	US	Issued	LSI Logic Corporation
L98-215	May 25, 1999	09322329	Sep 25, 2001	6294937	US	Issued	LSI Logic Corporation
L98-221	Mar 23, 1999	09274566	Nov 20, 2001	6321342	US	Issued	LSI Logic Corporation
L97-055-JP	Sep 25, 1998	10271860	Mar 14, 2008	4094743	JP	Issued	LSI Logic Corporation
L97-055-TW	Sep 23, 1998	87115810	Feb 1, 2001	120367	TW	Issued	LSI Logic Corporation
L96-059-TW	Sep 4, 1998	87114682	Feb 8, 2002	142684	TW	Issued	LSI Logic Corporation
L98-231	Aug 27, 1999	09385588	Nov 19, 2002	6483879	US	Issued	LSI Logic Corporation
L98-207	Jan 28, 2000	09494070	Jun 4, 2002	6397944	US	Issued	LSI Logic Corporation
L98-238	Mar 16, 1999	09270586	Jan 22, 2002	6341355	US	Issued	LSI Logic Corporation
L98-226	Nov 23, 1999	09448793	Sep 17, 2002	6453425	US	Issued	LSI Logic Corporation
L98-232	Dec 26, 2000	09748324	Oct 12, 2004	6804737	US	Issued	LSI Logic Corporation
L98-241	Dec 23, 1998	09221023	Jun 26, 2001	6251740	US	Issued	LSI Logic Corporation
L98-191	Dec 23, 1998	09219655	Jul 9, 2002	6417535	US	Issued	LSI Logic Corporation
L98-242	Dec 21, 1998	09217184	Nov 27, 2001	6324313	US	Issued	LSI Logic Corporation
L98-243	Dec 21, 1998	09217182	Aug 28, 2001	6282358	US	Issued	LSI Logic Corporation
L98-244	Apr 27, 2000	09559934	Jan 29, 2002	6342734	US	Issued	LSI Logic Corporation
0298ad-98-239	Jul 2, 1999	09347487	Aug 28, 2001	6281092	US	Issued	LSI Logic Corporation
L98-250	Dec 23, 1999	09471642	Jul 22, 2003	6598106	US	Issued	LSI Logic Corporation
L95-091-FR	Mar 26, 1997	979156007	Aug 8, 2001	0892988	FR	Issued	LSI Logic Corporation
L95-091-GB	Mar 26, 1997	979156007	Aug 8, 2001	0892988	GB	Issued	LSI Logic Corporation
L95-091-NL	Mar 26, 1997	979156007	Aug 8, 2001	0892988	NL	Issued	LSI Logic Corporation
L95-091-DE	Mar 26, 1997	979156007	Aug 8, 2001	69706043.8	DE	Issued	LSI Logic Corporation

L98-262	Sep 24, 1999	09404889	Jan 9, 2001	6172633	US	Issued	LSI Logic Corporation
L98-264	Aug 9, 1999	09370564	Oct 16, 2001	6304942	US	Issued	LSI Logic Corporation
L98-265	May 13, 1999	09311253	Oct 24, 2000	6136662	US	Issued	LSI Logic Corporation
L98-107	Dec 7, 1998	09206448	Oct 8, 2002	6463552	US	Issued	LSI Logic Corporation
L97-086	Aug 13, 1999	09373864	Mar 12, 2002	6356969	US	Issued	LSI Logic Corporation
L98-199	Apr 30, 2001	09847838	Mar 4, 2003	6530073	US	Issued	LSI Logic Corporation
L92-5572/1D	Apr 30, 1998	09070188	Jul 6, 1999	5920110	US	Issued	LSI Logic Corporation
L95-003/1C	Nov 14, 1997	08962890	Mar 21, 2000	6041090	US	Issued	LSI Logic Corporation
L95-013/1C	Jan 6, 1997	08781992	Apr 7, 1998	5736680	US	Issued	LSI Logic Corporation
L95-019/1D	Mar 30, 1998	09061743	Aug 27, 2002	6442599	US	Issued	LSI Logic Corporation
L95-039/1C	Sep 12, 1997	08928366	Oct 31, 2000	6138523	US	Issued	LSI Logic Corporation
L95-086/1C	Mar 20, 1997	08822591	Feb 23, 1999	5875343	US	Issued	LSI Logic Corporation
L96-062/1D	May 19, 1998	09081475	Oct 10, 2000	6130117	US	Issued	LSI Logic Corporation
L98-208	Aug 21, 2001	09934287	Apr 30, 2002	6380776	US	Issued	LSI Logic Corporation
L98-210	Mar 15, 2000	09525489	Aug 27, 2002	6441419	US	Issued	LSI Logic Corporation
L98-234	May 25, 1999	09322328	Apr 29, 2003	6557066	US	Issued	LSI Logic Corporation
L98-256	Mar 2, 2000	09517817	Sep 30, 2003	6629156	US	Issued	LSI Logic Corporation
L98-273	Sep 8, 1999	09392039	Jun 11, 2002	6405270	US	Issued	LSI Logic Corporation
P-3432/1C (A) GB	May 5, 1998	98095870	Apr 24, 2002	2326070	GB	Issued	LSI Logic Corporation
P-3432/1C GB	May 5, 1998	98095854	Jun 19, 2002	2326069	GB	Issued	LSI Logic Corporation
A3-4319	Jun 30, 1999	09346493	May 15, 2001	6232658	US	Issued	LSI Logic Corporation
P-2920 GB	Jun 10, 1997	98257264	Sep 20, 2000	2329495	GB	Issued	LSI Logic Corporation
11728-005300	Apr 28, 1998	08430681	Aug 3, 1999	5931941	US	Issued	LSI Logic Corporation
1998-4324	Mar 25, 1999	09276262	Mar 27, 2001	6209078	US	Issued	LSI Logic Corporation
L1998-4325	Feb 25, 1999	09257840	Aug 14, 2001	6275891	US	Issued	LSI Logic Corporation
P-3262/1D	Dec 22, 1998	09218780	Oct 2, 2001	6297555	US	Issued	LSI Logic Corporation
L98-290	Dec 31, 1998	09224527	Jul 24, 2001	6265946	US	Issued	LSI Logic Corporation
L98-295	Oct 6, 1999	09413667	Mar 12, 2002	6355532	US	Issued	LSI Logic Corporation
1998-4328	Feb 25, 1999	09258032	Sep 17, 2002	6452984	US	Issued	LSI Logic Corporation
P-3393/1D	Feb 17, 1999	09251702	Mar 20, 2001	6204550	US	Issued	LSI Logic Corporation
L98-4330-JP	Nov 6, 1998	1998316394	Apr 1, 2011	4712922	JP	Issued	LSI Logic Corporation
L96-043/1C	Dec 14, 1998	09211465	Feb 13, 2001	6189062	US	Issued	LSI Logic Corporation
P-3309/1C	Jun 5, 1997	08869796	May 1, 2001	6225695	US	Issued	LSI Logic Corporation
L98-283	May 27, 1999	09321298	Oct 3, 2000	6127726	US	Issued	LSI Logic Corporation
L96-058/1D	Dec 14, 1998	09211384	Jul 6, 1999	5920204	US	Issued	LSI Logic Corporation
L97-081/1D	Dec 14, 1998	09211468	Jun 6, 2000	6072306	US	Issued	LSI Logic Corporation
L96-061/1D	Dec 14, 1998	09211024	Jan 2, 2001	6168502	US	Issued	LSI Logic Corporation
L98-303	Apr 11, 2000	09546786	Jul 1, 2003	6587813	US	Issued	LSI Logic Corporation
L98-179/2D	Dec 31, 1998	09223871	Jan 1, 2002	6336150	US	Issued	LSI Logic Corporation
L98-179/3D	Dec 31, 1998	09223878	Nov 27, 2001	6324594	US	Issued	LSI Logic Corporation
P-3041/1C	Aug 26, 1997	08918360	May 30, 2000	6068879	US	Issued	LSI Logic Corporation
P-2961/1D	Feb 3, 1999	09244327	Nov 28, 2000	6154039	US	Issued	LSI Logic Corporation
L98-055/1P	May 7, 1999	09307533	Jul 3, 2001	6255878	US	Issued	LSI Logic Corporation
L96-144/1C	Nov 12, 1996	08747485	Oct 24, 2000	6135648	US	Issued	LSI Logic Corporation
L96-108/1D	Dec 14, 1998	09272732	Nov 13, 2001	6316817	US	Issued	LSI Logic Corporation
P-2707/1C	Apr 10, 1996	08630257	May 23, 2000	6066178	US	Issued	LSI Logic Corporation
L99-005	Nov 16, 1999	09441250	Aug 14, 2001	6275087	US	Issued	LSI Logic Corporation
L99-006	Jun 13, 2000	09592749	Sep 24, 2002	6457160	US	Issued	LSI Logic Corporation
L99-009	Nov 18, 1999	09443036	Sep 25, 2001	6294840	US	Issued	LSI Logic Corporation
L99-013	Jul 1, 1999	09345432	Nov 21, 2000	6150729	US	Issued	LSI Logic Corporation
L99-014	Jan 20, 2000	09487984	Sep 10, 2002	6448084	US	Issued	LSI Logic Corporation
L99-021	Mar 21, 2000	09532148	Sep 16, 2003	6622183	US	Issued	LSI Logic Corporation
L99-023	Feb 11, 2000	09502854	Feb 22, 2005	6859609	US	Issued	LSI Logic Corporation
L99-024	Sep 22, 1999	09400767	Dec 11, 2001	6328347	US	Issued	LSI Logic Corporation
L99-025	Mar 21, 2000	09532146	Feb 3, 2004	6687255	US	Issued	LSI Logic Corporation
L99-029	Dec 10, 1999	09467081	May 1, 2001	6225690	US	Issued	LSI Logic Corporation
L99-032	Nov 9, 1999	09436535	Apr 29, 2003	6556635	US	Issued	LSI Logic Corporation
L99-036	Oct 25, 1999	09426034	Dec 17, 2002	6496947	US	Issued	LSI Logic Corporation
L99-038	Jun 30, 1999	09343872	Jul 5, 2005	6915369	US	Issued	LSI Logic Corporation
L99-047	Dec 22, 1999	09469579	Jan 29, 2002	6342429	US	Issued	LSI Logic Corporation
L99-058	Dec 21, 1999	09468577	Nov 26, 2002	6487692	US	Issued	LSI Logic Corporation
L99-060	Oct 22, 1999	09425552	Jul 23, 2002	6423628	US	Issued	LSI Logic Corporation
L99-072	Nov 5, 1999	09434340	Jul 18, 2000	6090651	US	Issued	LSI Logic Corporation
L99-073	Aug 9, 1999	09370856	Sep 10, 2002	6449748	US	Issued	LSI Logic Corporation
5748-077 (22978.4)	May 8, 1997	08853154	Sep 12, 2000	6115910	US	Issued	LSI Logic Corporation
P-3353/1D	Apr 12, 1999	09289828	Dec 5, 2000	6157087	US	Issued	LSI Logic Corporation
P-3075/1C	Jan 23, 1997	08787992	Jan 4, 2000	6010952	US	Issued	LSI Logic Corporation
P-3234/1C	Apr 26, 1999	09299967	Jun 27, 2000	6081659	US	Issued	LSI Logic Corporation
L99-077	May 27, 1999	09322064	Oct 17, 2000	6133064	US	Issued	LSI Logic Corporation
L99-078	Oct 26, 1999	09428344	Nov 13, 2001	6316354	US	Issued	LSI Logic Corporation
L99-080	Nov 12, 1999	09438642	Nov 14, 2000	6147012	US	Issued	LSI Logic Corporation
L99-081	Nov 26, 1999	09449403	Jan 28, 2003	6513106	US	Issued	LSI Logic Corporation
L98-006-DE	May 5, 1999	199207577	May 15, 2008	19920757.7	DE	Issued	LSI Logic Corporation
P-2858/1D	Apr 27, 1999	09300823	Feb 29, 2000	6030425	US	Issued	LSI Logic Corporation
L99-085	Oct 12, 1999	09417255	Jul 30, 2002	6425179	US	Issued	LSI Logic Corporation
LLC-2322/1D/1C/1C/1C	Aug 19, 1997	08918577	Jul 25, 2000	6093936	US	Issued	LSI Logic Corporation
L95-053/1C	Dec 27, 1995	08579320	May 4, 2004	6730862	US	Issued	LSI Logic Corporation
L99-094	Aug 19, 1998	09377887	Sep 4, 2001	6285077	US	Issued	LSI Logic Corporation
L99-097	Sep 27, 1999	09406308	Oct 23, 2001	6306751	US	Issued	LSI Logic Corporation
L99-098	Oct 21, 1999	09420636	Dec 30, 2003	6671842	US	Issued	LSI Logic Corporation
L99-101	Mar 28, 2000	09536527	Nov 6, 2001	6313668	US	Issued	LSI Logic Corporation
L99-102	Oct 22, 1999	09426056	May 21, 2002	6391795	US	Issued	LSI Logic Corporation
P-3117/1D	Jul 27, 1999	09362648	Aug 14, 2001	6273798	US	Issued	LSI Logic Corporation
P-2805/1D	Jul 12, 1999	09352153	May 29, 2001	6240516	US	Issued	LSI Logic Corporation
L99-104	Aug 4, 2000	09632901	Dec 16, 2003	6665745	US	Issued	LSI Logic Corporation
L99-116	Feb 2, 2000	09496031	Feb 25, 2003	6526478	US	Issued	LSI Logic Corporation
L99-121	Jun 29, 2000	09607169	Apr 1, 2003	6541383	US	Issued	LSI Logic Corporation
L99-122	Nov 27, 2000	09723434	Feb 25, 2003	6524926	US	Issued	LSI Logic Corporation
L99-127	Feb 2, 2000	09496971	Jan 7, 2003	6504202	US	Issued	LSI Logic Corporation
L99-130	May 17, 2000	09573123	Jan 22, 2002	6341056	US	Issued	LSI Logic Corporation
L99-132	Sep 29, 1999	09407357	May 1, 2001	6223770	US	Issued	LSI Logic Corporation
L99-134	Jan 28, 2000	09493467	Sep 3, 2002	6446248	US	Issued	LSI Logic Corporation
L99-135	May 17, 2000	09573137	May 20, 2003	6566186	US	Issued	LSI Logic Corporation
P-3352/1D	Jul 27, 1999	09361684	May 9, 2000	6060787	US	Issued	LSI Logic Corporation
P-3551/1D	Aug 2, 1999	09365440	Jul 18, 2000	6090239	US	Issued	LSI Logic Corporation
L99-139	Dec 22, 1999	09470004	Sep 23, 2003	6625463	US	Issued	LSI Logic Corporation
L99-140	Jan 10, 2000	09480220	May 25, 2004	6741613	US	Issued	LSI Logic Corporation
L98-001/1D	Aug 9, 1999	09370501	Feb 25, 2003	6525377	US	Issued	LSI Logic Corporation

L99-144	Mar 14, 2001	09808549	Oct 8, 2002	6463571	US	Issued	LSI Logic Corporation
L99-146	Mar 26, 2001	09817642	Nov 5, 2002	6476497	US	Issued	LSI Logic Corporation
L99-160	Nov 9, 2000	09710359	Dec 2, 2003	6658630	US	Issued	LSI Logic Corporation
L99-162	Nov 17, 2000	09715814	Dec 17, 2002	6496962	US	Issued	LSI Logic Corporation
L99-176	Mar 2, 2000	09517398	Aug 12, 2003	6606365	US	Issued	LSI Logic Corporation
L99-179	Feb 10, 2000	09501807	Oct 14, 2003	6634003	US	Issued	LSI Logic Corporation
L99-180	Nov 12, 1999	09439126	Jun 24, 2003	6584151	US	Issued	LSI Logic Corporation
P-3435/1D	Aug 2, 1999	09365455	May 23, 2000	6066525	US	Issued	LSI Logic Corporation
P-3080/1C	Mar 7, 1997	08813340	Jul 10, 2001	6260175	US	Issued	LSI Logic Corporation
P-3509/1C	May 18, 1998	09081403	May 29, 2001	6239491	US	Issued	LSI Logic Corporation
L99-187	Dec 22, 1999	09470362	Sep 23, 2003	6625572	US	Issued	LSI Logic Corporation
L99-191	Dec 7, 1999	09457117	Aug 6, 2002	6429902	US	Issued	LSI Logic Corporation
L99-193-JP	Dec 10, 1999	1999351216	Jan 7, 2011	4657412	JP	Issued	LSI Logic Corporation
L99-197	Jun 30, 2000	09608556	Jan 6, 2004	6675258	US	Issued	LSI Logic Corporation
L99-199	Jan 18, 2000	09484630	Aug 24, 2004	6782043	US	Issued	LSI Logic Corporation
L99-200	Mar 9, 2000	09521312	Jul 2, 2002	6413881	US	Issued	LSI Logic Corporation
L99-202	Dec 23, 1999	09471842	Aug 14, 2001	6274395	US	Issued	LSI Logic Corporation
L99-203	Nov 19, 1999	09444424	Jul 24, 2001	6265914	US	Issued	LSI Logic Corporation
L99-205	Dec 7, 1999	09457021	Apr 4, 2006	7023801	US	Issued	LSI Logic Corporation
L99-211	Nov 30, 1999	09452272	Oct 14, 2003	6633989	US	Issued	LSI Logic Corporation
L99-212	Jan 5, 2000	09478164	Feb 12, 2002	6347291	US	Issued	LSI Logic Corporation
L99-213	Dec 17, 1999	09466389	Jan 7, 2003	6505313	US	Issued	LSI Logic Corporation
L99-214	Jun 20, 2000	09597433	Sep 23, 2003	6625770	US	Issued	LSI Logic Corporation
L99-216	Nov 1, 1999	09431606	Jan 21, 2003	6510481	US	Issued	LSI Logic Corporation
L99-217	Oct 20, 1999	09421844	May 4, 2004	6732230	US	Issued	LSI Logic Corporation
L99-219	May 15, 2000	09571399	Aug 31, 2004	6785655	US	Issued	LSI Logic Corporation
L99-223	Feb 27, 2001	09794852	Oct 7, 2003	6630965	US	Issued	LSI Logic Corporation
L99-224	Dec 27, 1999	09472670	Jul 1, 2003	6587155	US	Issued	LSI Logic Corporation
L99-225	Dec 17, 1999	09466519	Oct 9, 2001	6300769	US	Issued	LSI Logic Corporation
L99-226	Oct 6, 2000	09680893	Aug 27, 2002	6442741	US	Issued	LSI Logic Corporation
L99-229	Jun 29, 2000	09607177	Oct 15, 2002	6464566	US	Issued	LSI Logic Corporation
L99-230	Apr 20, 2000	09553140	Jul 6, 2010	7751609	US	Issued	LSI Logic Corporation
Q-043/1C	Jul 16, 1998	09118700	Jan 9, 2001	6173380	US	Issued	LSI Logic Corporation
L95-117/1C	Jun 20, 1996	08667204	Aug 22, 2000	6108812	US	Issued	LSI Logic Corporation
Q-042/1C	Jul 16, 1998	09118337	Mar 20, 2001	6205493	US	Issued	LSI Logic Corporation
Q-045/1D	Jul 31, 1998	09127993	Dec 21, 1999	6005892	US	Issued	LSI Logic Corporation
Q-038	Aug 15, 1996	08699031	Mar 28, 2000	6044110	US	Issued	LSI Logic Corporation
Q-048/1C	Jan 27, 1999	09240788	Feb 6, 2001	6185190	US	Issued	LSI Logic Corporation
Q-046/1D	Jul 31, 1998	09127657	Dec 7, 1999	5999568	US	Issued	LSI Logic Corporation
L96-050/1C	Sep 30, 1996	08723110	Aug 29, 2000	6112278	US	Issued	LSI Logic Corporation
Q-034	Aug 15, 1996	08699030	Jun 15, 1999	5912924	US	Issued	LSI Logic Corporation
Q-035	Aug 12, 1996	08695793	Aug 4, 1998	5790888	US	Issued	LSI Logic Corporation
Q-037	Aug 15, 1996	08698374	Mar 10, 1998	5727006	US	Issued	LSI Logic Corporation
L96-032/1C	Oct 22, 1999	09425493	Jun 5, 2001	6243784	US	Issued	LSI Logic Corporation
Q-047/1C	Dec 18, 1998	09216501	Dec 4, 2001	6327309	US	Issued	LSI Logic Corporation
L96-048/1C	Sep 30, 1996	08724522	Feb 22, 2000	6029226	US	Issued	LSI Logic Corporation
Q-041/1C	Jun 19, 1998	09100270	Jul 4, 2000	6085258	US	Issued	LSI Logic Corporation
Q-044/1D	Jul 31, 1998	09127515	Aug 15, 2000	6104750	US	Issued	LSI Logic Corporation
Q-040/1D	May 20, 1997	08859017	Jun 16, 1998	5768301	US	Issued	LSI Logic Corporation
Q-039	Aug 11, 1997	08909459	Aug 1, 2000	6098103	US	Issued	LSI Logic Corporation
Q-033	Aug 7, 1996	08693760	Jul 6, 1999	5920897	US	Issued	LSI Logic Corporation
Q-032	Sep 25, 1996	08719608	Apr 27, 1999	5898678	US	Issued	LSI Logic Corporation
Q-030	Apr 17, 1996	08634088	Feb 25, 1997	5606295	US	Issued	LSI Logic Corporation
Q-029A	Apr 19, 1996	08634879	Jul 7, 1998	5777488	US	Issued	LSI Logic Corporation
P-3420/1C	Oct 27, 1999	09428164	Oct 24, 2000	6137168	US	Issued	LSI Logic Corporation
L99-238	Dec 16, 1999	09464741	Aug 13, 2002	6434735	US	Issued	LSI Logic Corporation
L99-239	Dec 16, 1999	09464623	Jul 1, 2003	6588006	US	Issued	LSI Logic Corporation
L99-240	Dec 28, 1999	09473382	Apr 27, 2004	6728477	US	Issued	LSI Logic Corporation
L99-243	Apr 17, 2000	09550764	Nov 25, 2003	6654919	US	Issued	LSI Logic Corporation
L99-244	Apr 5, 2000	09543647	Oct 7, 2003	6631418	US	Issued	LSI Logic Corporation
L99-245	Mar 30, 2000	09539686	May 31, 2005	6901207	US	Issued	LSI Logic Corporation
L96-063/1C	Sep 30, 1996	08719830	Nov 14, 2000	6148326	US	Issued	LSI Logic Corporation
L96-135-JP	Apr 2, 1998	1998542006	Oct 9, 2009	4386468	JP	Issued	LSI Logic Corporation
P-3549/1D	Sep 13, 1999	09395062	Sep 11, 2001	6288453	US	Issued	LSI Logic Corporation
L99-248	Nov 10, 1999	09437454	Nov 11, 2003	6647027	US	Issued	LSI Logic Corporation
L99-249	Jun 19, 2000	09596568	May 14, 2002	6388486	US	Issued	LSI Logic Corporation
L99-252	Nov 10, 1999	09437464	May 6, 2003	6560716	US	Issued	LSI Logic Corporation
L99-253	Apr 5, 2001	09828553	Jul 20, 2004	6766499	US	Issued	LSI Logic Corporation
L99-254	Nov 15, 1999	09440492	Apr 16, 2002	6373142	US	Issued	LSI Logic Corporation
L99-255	Mar 7, 2001	09801392	Mar 11, 2003	6532576	US	Issued	LSI Logic Corporation
L99-256	Jan 31, 2000	09494605	Jul 23, 2002	6425114	US	Issued	LSI Logic Corporation
L99-265	Jun 12, 2001	09880607	Sep 17, 2002	6453451	US	Issued	LSI Logic Corporation
L99-269	Nov 27, 2001	09994556	Feb 8, 2005	6854082	US	Issued	LSI Logic Corporation
L99-271	Dec 20, 1999	09465425	Nov 20, 2001	6320127	US	Issued	LSI Logic Corporation
L99-272	Feb 20, 2001	09790088	Apr 20, 2004	6725294	US	Issued	LSI Logic Corporation
P-2606/2C	Mar 30, 1998	09052043	May 16, 2000	6065134	US	Issued	LSI Logic Corporation
L99-274	May 15, 2000	09571691	Aug 24, 2004	6782366	US	Issued	LSI Logic Corporation
L99-275	May 22, 2000	09576575	Aug 5, 2003	6604189	US	Issued	LSI Logic Corporation
L99-276	Jan 6, 2000	09477692	Jan 28, 2003	6513126	US	Issued	LSI Logic Corporation
L99-278	Jan 20, 2000	09488438	Aug 28, 2001	6279889	US	Issued	LSI Logic Corporation
L99-288	Dec 20, 1999	09467622	Apr 23, 2002	6375791	US	Issued	LSI Logic Corporation
L99-289	Jul 27, 2000	09626037	Mar 18, 2003	6536016	US	Issued	LSI Logic Corporation
L99-290	Jul 25, 2000	09624932	Jan 22, 2002	6341367	US	Issued	LSI Logic Corporation
L99-294	Jan 13, 2000	09482291	Jun 11, 2002	6404241	US	Issued	LSI Logic Corporation
L99-297	Feb 25, 2000	09513018	Oct 16, 2001	6304107	US	Issued	LSI Logic Corporation
L99-298	Dec 21, 1999	09469730	Sep 11, 2001	6288656	US	Issued	LSI Logic Corporation
L99-299	Dec 21, 1999	09468746	Mar 1, 2005	6862296	US	Issued	LSI Logic Corporation
L99-300	Dec 21, 1999	09468711	Jul 24, 2001	6265924	US	Issued	LSI Logic Corporation
L99-301	Oct 25, 1999	09427200	Feb 6, 2001	6185140	US	Issued	LSI Logic Corporation
L99-302	Apr 5, 2000	09543412	Feb 12, 2002	6346490	US	Issued	LSI Logic Corporation
L99-303	Oct 10, 2000	09685990	Feb 11, 2003	6519746	US	Issued	LSI Logic Corporation
L99-305	Jun 5, 2000	09587609	Apr 23, 2002	6375550	US	Issued	LSI Logic Corporation
L99-306	Oct 2, 2000	09677276	Mar 4, 2003	6530063	US	Issued	LSI Logic Corporation
L99-307	Oct 1, 2000	09678201	Jul 1, 2003	6587990	US	Issued	LSI Logic Corporation
P-3407/1C	Sep 23, 1997	08935583	Dec 26, 2000	6166434	US	Issued	LSI Logic Corporation
L99-308	Jun 15, 2000	09594376	Mar 18, 2003	6535969	US	Issued	LSI Logic Corporation
L99-309	Dec 16, 1999	09465132	May 28, 2002	6395097	US	Issued	LSI Logic Corporation
L99-315	Mar 31, 2000	09540197	Jun 3, 2003	6574762	US	Issued	LSI Logic Corporation

L99-316	Feb 22, 2000	09510009	Jan 20, 2004	6681358	US	Issued	LSI Logic Corporation
L99-318	Mar 10, 2000	09523224	Apr 8, 2003	6546538	US	Issued	LSI Logic Corporation
L99-320	May 30, 2000	09580106	Mar 12, 2002	6355577	US	Issued	LSI Logic Corporation
L99-321	Dec 13, 1999	09459507	Jan 15, 2002	6339391	US	Issued	LSI Logic Corporation
L99-323	Jun 19, 2000	09596677	Jan 22, 2002	6340905	US	Issued	LSI Logic Corporation
P-2832/1C	Dec 19, 1996	08770046	Jan 30, 2001	6180470	US	Issued	LSI Logic Corporation
P-3181/1C	Aug 25, 1997	08918293	Jan 2, 2001	6168508	US	Issued	LSI Logic Corporation
P-3518/1C	Jan 14, 1998	09007258	Sep 5, 2000	6114903	US	Issued	LSI Logic Corporation
B3-4181/1D	Oct 26, 1999	09427572	Jan 16, 2001	6174798	US	Issued	LSI Logic Corporation
L99-325	Mar 14, 2000	09524831	Jul 16, 2002	6420987	US	Issued	LSI Logic Corporation
L99-328	Nov 10, 1999	09437559	Nov 5, 2002	6475828	US	Issued	LSI Logic Corporation
L99-331	Jun 28, 2000	09607512	Feb 26, 2002	6350700	US	Issued	LSI Logic Corporation
L99-332	Feb 7, 2000	09499194	May 25, 2004	6741644	US	Issued	LSI Logic Corporation
L95-129/1D	Nov 1, 1999	09431439	Sep 4, 2001	6284586	US	Issued	LSI Logic Corporation
L99-337	Jul 27, 2001	09916924	May 9, 2006	7043416	US	Issued	LSI Logic Corporation
L99-338	Mar 10, 2000	09523489	Feb 25, 2003	6525781	US	Issued	LSI Logic Corporation
L99-339	Dec 15, 2000	09738485	Apr 18, 2006	7032104	US	Issued	LSI Logic Corporation
L99-340	Jun 28, 2000	09607511	Apr 9, 2002	6368979	US	Issued	LSI Logic Corporation
L99-345	Aug 11, 2000	09637230	Oct 14, 2003	6633969	US	Issued	LSI Logic Corporation
P-3507/1D	Dec 15, 1999	09464225	Aug 21, 2001	6278129	US	Issued	LSI Logic Corporation
P-3230/1D	Dec 2, 1999	09454257	Oct 2, 2001	6297558	US	Issued	LSI Logic Corporation
B3-4132/1C	Dec 11, 1998	09209938	May 23, 2000	6067262	US	Issued	LSI Logic Corporation
P-3185/1D	Nov 16, 1999	09442078	Jan 30, 2001	6179956	US	Issued	LSI Logic Corporation
P-3185/1C	Jan 9, 1998	09005364	Mar 11, 2003	6531397	US	Issued	LSI Logic Corporation
L95-129/1C	Jun 28, 1996	08673655	Sep 5, 2000	6115233	US	Issued	LSI Logic Corporation
L99-348	Oct 2, 2000	09678479	Apr 1, 2003	6543032	US	Issued	LSI Logic Corporation
L99-346	Oct 2, 2000	09677940	Oct 21, 2003	6637011	US	Issued	LSI Logic Corporation
L99-349	Oct 2, 2000	09678478	Jan 20, 2004	6681373	US	Issued	LSI Logic Corporation
L99-350	Oct 2, 2000	09678481	Mar 11, 2003	6532582	US	Issued	LSI Logic Corporation
L99-351	Oct 2, 2000	09677475	May 13, 2003	6564361	US	Issued	LSI Logic Corporation
L99-354	Mar 15, 2000	09525995	Aug 14, 2001	6275108	US	Issued	LSI Logic Corporation
L99-355	Feb 3, 2000	09498492	Jan 9, 2001	6172495	US	Issued	LSI Logic Corporation
P-3418/1C/1C	Sep 12, 1997	08928826	Aug 5, 2003	6603200	US	Issued	LSI Logic Corporation
L99-356	Mar 10, 2000	09523505	Oct 23, 2001	6307414	US	Issued	LSI Logic Corporation
L99-357	Mar 14, 2000	09524734	May 15, 2001	6233197	US	Issued	LSI Logic Corporation
L99-358	Apr 19, 2000	09552266	Jan 1, 2002	6335899	US	Issued	LSI Logic Corporation
L99-359	Apr 3, 2000	09542078	Jan 30, 2001	6181626	US	Issued	LSI Logic Corporation
L99-360	Feb 20, 2001	09789108	Apr 8, 2003	6546541	US	Issued	LSI Logic Corporation
L99-362	Jan 8, 2001	09756506	Feb 25, 2003	6526540	US	Issued	LSI Logic Corporation
L99-364	May 19, 2000	09574771	Jan 14, 2003	6506678	US	Issued	LSI Logic Corporation
L99-366	Dec 14, 2000	09736571	Apr 8, 2003	6546539	US	Issued	LSI Logic Corporation
L99-368	Dec 14, 2000	09737239	Apr 29, 2003	6557144	US	Issued	LSI Logic Corporation
L99-371	Feb 3, 2000	09497652	Jun 5, 2001	6242897	US	Issued	LSI Logic Corporation
L99-372	Nov 13, 2000	09711498	Nov 18, 2003	6651165	US	Issued	LSI Logic Corporation
P-3145/1C	Jun 4, 1997	08869278	Aug 22, 2000	6108093	US	Issued	LSI Logic Corporation
P-3383/1C	Oct 30, 1997	08961383	Aug 22, 2000	6106371	US	Issued	LSI Logic Corporation
L98-051/1C	Mar 31, 1998	09052714	Oct 7, 2003	6631484	US	Issued	LSI Logic Corporation
L98-006/1D	Dec 20, 1999	09467340	May 8, 2001	6228767	US	Issued	LSI Logic Corporation
L99-385	Aug 18, 2000	09641661	Jul 22, 2003	6598194	US	Issued	LSI Logic Corporation
L99-386	Aug 15, 2000	09639440	Aug 24, 2004	6782500	US	Issued	LSI Logic Corporation
L99-387	Feb 8, 2000	09499801	Jan 1, 2002	6335491	US	Issued	LSI Logic Corporation
L99-381	Mar 28, 2001	09820577	Feb 4, 2003	6515893	US	Issued	LSI Logic Corporation
L99-382	May 15, 2001	09858686	Mar 1, 2005	6861739	US	Issued	LSI Logic Corporation
L99-392	Jan 10, 2001	09758909	Dec 6, 2005	6973441	US	Issued	LSI Logic Corporation
L99-393	Jan 10, 2001	09758972	Jul 11, 2006	7076439	US	Issued	LSI Logic Corporation
L99-396	Jul 10, 2000	09612867	Oct 15, 2002	6465338	US	Issued	LSI Logic Corporation
L99-397	Aug 30, 2000	09651308	Aug 27, 2002	6441499	US	Issued	LSI Logic Corporation
L99-398	Jun 7, 2000	09589930	Oct 24, 2006	7127646	US	Issued	LSI Logic Corporation
L99-399	May 18, 2000	09573806	Oct 22, 2002	6470484	US	Issued	LSI Logic Corporation
L99-400	Apr 13, 2000	09548507	Oct 21, 2003	6636979	US	Issued	LSI Logic Corporation
L99-401	Apr 14, 2000	09549621	Oct 28, 2003	6640321	US	Issued	LSI Logic Corporation
L99-402	Apr 13, 2000	09548498	Jul 17, 2001	6262634	US	Issued	LSI Logic Corporation
L99-404	Dec 5, 2001	10005097	Sep 23, 2003	6624048	US	Issued	LSI Logic Corporation
L99-406	Jul 6, 2000	09611524	Sep 21, 2004	6795942	US	Issued	LSI Logic Corporation
L99-407	Sep 13, 2001	09951252	Aug 20, 2002	6437615	US	Issued	LSI Logic Corporation
L99-408	Dec 30, 2000	09753000	Jun 18, 2002	6407462	US	Issued	LSI Logic Corporation
L99-410	May 19, 2000	09574804	Jul 30, 2002	6426286	US	Issued	LSI Logic Corporation
L99-411	Jul 24, 2000	09624060	Dec 24, 2002	6498999	US	Issued	LSI Logic Corporation
L99-412	Aug 6, 2001	09922755	Feb 15, 2005	6857084	US	Issued	LSI Logic Corporation
L99-413	Mar 28, 2001	09820477	Jan 24, 2006	6990073	US	Issued	LSI Logic Corporation
L96-065/1C	Sep 30, 1996	08720393	Jun 12, 2001	6247040	US	Issued	LSI Logic Corporation
P-2781/1C	Jan 4, 2000	09477306	Dec 10, 2002	6492253	US	Issued	LSI Logic Corporation
B3-4063/1D	Feb 18, 2000	09507042	Jul 23, 2002	6424019	US	Issued	LSI Logic Corporation
C4-4073/1D	Jan 26, 2000	09492881	Sep 24, 2002	6457157	US	Issued	LSI Logic Corporation
L97-094/1C	Jan 31, 2000	09494477	Apr 24, 2001	6223240	US	Issued	LSI Logic Corporation
P-3356/1C	Sep 5, 1997	08924277	Aug 15, 2000	6102962	US	Issued	LSI Logic Corporation
L99-416	Jun 7, 2000	09590310	Apr 2, 2002	6365528	US	Issued	LSI Logic Corporation
L99-421	May 11, 2000	09569715	Jul 8, 2003	6591310	US	Issued	LSI Logic Corporation
L00-422	Jan 12, 2001	09758603	May 25, 2004	6741122	US	Issued	LSI Logic Corporation
L00-022	Mar 29, 2001	09823184	May 6, 2003	6560761	US	Issued	LSI Logic Corporation
L00-023	Mar 13, 2001	09805642	Dec 17, 2002	6496967	US	Issued	LSI Logic Corporation
L00-025	Jun 15, 2001	09882114	Aug 19, 2003	6609238	US	Issued	LSI Logic Corporation
L00-027	Nov 30, 2000	09727426	Sep 10, 2002	6449760	US	Issued	LSI Logic Corporation
L00-029	Jun 19, 2001	09885596	Jan 14, 2003	6507937	US	Issued	LSI Logic Corporation
L00-039	Dec 11, 2000	09734539	Apr 20, 2004	6725389	US	Issued	LSI Logic Corporation
L00-040	Feb 15, 2001	09788257	Nov 12, 2002	6480994	US	Issued	LSI Logic Corporation
L00-043	Jan 26, 2001	09771272	Apr 1, 2003	6543038	US	Issued	LSI Logic Corporation
L00-062	Jun 13, 2000	09595002	Jun 22, 2004	6754179	US	Issued	LSI Logic Corporation
L00-064	Apr 27, 2000	09559193	Jun 24, 2003	6584531	US	Issued	LSI Logic Corporation
L00-065	Mar 22, 2001	09815987	Mar 8, 2005	6865189	US	Issued	LSI Logic Corporation
L00-066	Aug 15, 2000	09639181	Apr 13, 2004	6721869	US	Issued	LSI Logic Corporation
L00-068	Sep 5, 2000	09654952	Sep 28, 2004	6799229	US	Issued	LSI Logic Corporation
L00-071	Nov 3, 2000	09706286	Apr 8, 2003	6544807	US	Issued	LSI Logic Corporation
L00-072	Jun 22, 2001	09888207	Aug 31, 2004	6785107	US	Issued	LSI Logic Corporation
L00-074	Dec 19, 2000	09741568	Jun 10, 2003	6576404	US	Issued	LSI Logic Corporation
L00-075	Nov 28, 2000	09723516	Aug 20, 2002	6436845	US	Issued	LSI Logic Corporation
L00-076	Nov 28, 2000	09724225	Feb 18, 2003	6521549	US	Issued	LSI Logic Corporation
L00-078	Apr 17, 2000	09550679	Dec 11, 2001	6329851	US	Issued	LSI Logic Corporation

L97-068/1D	Feb 1, 2000	09495512	Feb 27, 2001	6194766	US	Issued	LSI Logic Corporation
P-2599-DE	Sep 11, 1996	969308873	Aug 16, 2000	69609847.4	DE	Issued	LSI Logic Corporation
P-2599-GB	Sep 11, 1996	969308873	Aug 16, 2000	0850482	GB	Issued	LSI Logic Corporation
P-2599-IT	Sep 11, 1996	969308873	Aug 16, 2000	0 850 482	IT	Issued	LSI Logic Corporation
P-2599-NL	Sep 11, 1996	969308873	Aug 16, 2000	0 850 482	NL	Issued	LSI Logic Corporation
P-2599-FR	Sep 11, 1996	969308873	Aug 16, 2000	0 850 482	FR	Issued	LSI Logic Corporation
00-080	Dec 10, 2001	10012821	Jan 1, 2008	7314527	US	Issued	LSI Logic Corporation
00-083	May 19, 2000	09574365	Jan 28, 2003	6512985	US	Issued	LSI Logic Corporation
P-2800/1C	Feb 14, 2000	09503691	Apr 24, 2001	6223332	US	Issued	LSI Logic Corporation
LLC-2216/3C	Mar 9, 2000	09521811	Mar 19, 2002	6359483	US	Issued	LSI Logic Corporation
P-3384-GB/1D	Dec 22, 1997	00076414	Oct 25, 2000	2346022	GB	Issued	LSI Logic Corporation
P-3384-GB/2D	Dec 22, 1997	00076422	Oct 25, 2000	2346278	GB	Issued	LSI Logic Corporation
00-088	Oct 11, 2000	09686675	Jan 11, 2005	6842490	US	Issued	LSI Logic Corporation
00-089	Apr 16, 2001	09836129	Jul 22, 2003	6598213	US	Issued	LSI Logic Corporation
00-092	May 30, 2002	10158641	Mar 8, 2005	6864563	US	Issued	LSI Logic Corporation
00-094	Aug 29, 2000	09650164	Oct 21, 2003	6635116	US	Issued	LSI Logic Corporation
P-3548/1C	Jul 21, 1998	09119990	Feb 13, 2001	6189093	US	Issued	LSI Logic Corporation
00-099	Jul 14, 2000	09615890	Sep 2, 2003	6614851	US	Issued	LSI Logic Corporation
08-0901AUS1	Apr 17, 2009	12425532	Aug 7, 2012	8239700	US	Issued	LSI Corporation
08-0901BUS1	Apr 17, 2009	12425547			US	Pending	LSI Corporation
06-1114-CN	Jul 24, 2007	2007800321161	Aug 14, 2013	ZL200780032116.1	CN	Issued	LSI Logic Corporation
06-0782-CN	Aug 13, 2007	2007800303619	May 30, 2012	ZL200780030361.9	CN	Issued	LSI Logic Corporation
08-0439-TW	Apr 2, 2009	98110964	Jun 21, 2014	1442225	TW	Issued	LSI Logic Corporation
08-0510-TW	Apr 2, 2009	98110966			TW	Pending	LSI Logic Corporation
07-1715-TW	Mar 12, 2009	98108063			TW	Pending	LSI Logic Corporation
05-0731/ID	May 11, 2009	12463509	Apr 17, 2012	8161447	US	Issued	LSI Logic Corporation
06-1264-JP	Sep 17, 2007	2009529211	Aug 10, 2012	5059116	JP	Issued	LSI Logic Corporation
05-1484-DE	Sep 18, 2007	1120070021705			DE	Pending	LSI Logic Corporation
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05-1484-JP	Sep 18, 2007	2009529225	Jun 7, 2013	5285611	JP	Issued	LSI Logic Corporation
05-1787-JP	Sep 18, 2007	2009529224	Jun 7, 2013	5285610	JP	Issued	LSI Logic Corporation
05-1484-KR	Sep 18, 2007	1020097005276	Mar 29, 2013	10-1251245	KR	Issued	LSI Logic Corporation
05-1787-KR	Sep 18, 2007	1020097005277			KR	Pending	LSI Logic Corporation
05-1787-CN	Sep 18, 2007	2007800341644			CN	Pending	LSI Logic Corporation
06-0233-CN	Sep 21, 2007	2007800368810	Oct 10, 2012	ZL 200780036881.0	CN	Issued	LSI Logic Corporation
06-1264-EPO	Sep 17, 2007	078384278			EP	Pending	LSI Logic Corporation
06-1466-CN1	Sep 28, 2007	2007800378954	Sep 25, 2013	ZL200780037895.4	CN	Issued	LSI Logic Corporation
06-1264-KR	Sep 17, 2007	20097007188	Dec 20, 2012	1216142	KR	Issued	LSI Logic Corporation
06-1264-CN	Sep 17, 2007	2007800347528	Aug 22, 2012	ZL 200780034752.8	CN	Issued	LSI Logic Corporation
08-0481-TW	Feb 24, 2009	98105796			TW	Pending	LSI Corporation
07-2105-CN	Mar 27, 2008	2008800012656	Aug 14, 2013	ZL200880001265.6	CN	Issued	LSI Logic Corporation
07-2105-EPO	Mar 27, 2008	087329165			EP	Pending	LSI Logic Corporation
06-1114-EPO	Jul 24, 2007	078362167			EP	Pending	LSI Logic Corporation
06-1114-KR	Jul 24, 2007	20097001801	Aug 17, 2012	1176584	KR	Issued	LSI Logic Corporation
06-1513-JP	Sep 24, 2007	2009534575			JP	Pending	LSI Logic Corporation
06-1513-CN	Sep 24, 2007	2007800393935	Oct 3, 2012	ZL200780039393.5	CN	Issued	LSI Logic Corporation
06-1597-CN	Sep 28, 2007	2007800401522	Jan 9, 2013	ZL200780040152.2	CN	Issued	LSI Logic Corporation
06-1597-JP	Sep 28, 2007	2009534581	Feb 1, 2013	5190460	JP	Issued	LSI Logic Corporation
06-0233-JP	Sep 21, 2007	2009531521	Sep 13, 2013	5361727	JP	Issued	LSI Logic Corporation
09-0431US1	Jul 28, 2009	12510722	Oct 8, 2013	8555129	US	Issued	LSI Corporation
09-0432US1	Jul 28, 2009	12510667	Jul 23, 2013	8495449	US	Issued	LSI Corporation
04-2069/ID	Apr 30, 2009	12432996	Jan 17, 2012	8099708	US	Issued	LSI Logic Corporation
08-1171US1	Apr 28, 2009	13126748			US	Pending	LSI Corporation
07-1715-JP	Apr 27, 2009	2009107302	Oct 11, 2013	5384187	JP	Issued	LSI Logic Corporation
07-1715-KR	Apr 30, 2009	1020090037983			KR	Pending	LSI Logic Corporation
08-0612-TW	Aug 19, 2009	098127901	Aug 1, 2013	1403891	TW	Issued	LSI Corporation
07-0891-JP	Sep 18, 2007	2009542981	Mar 30, 2012	4961481	JP	Issued	LSI Logic Corporation
04-0507-DE	Apr 24, 2002	027258110	Feb 11, 2009	60231112.8	DE	Issued	LSI Logic Corporation
07-0891-CN	Sep 18, 2007	2007800479781	Jul 24, 2013	ZL200780047978.1	CN	Issued	LSI Logic Corporation
08-0242AUS1	Jun 26, 2009	12492328	Mar 26, 2013	8407567	US	Issued	LSI Corporation
08-0242BUS1	Jun 26, 2009	12492346	Nov 13, 2012	8312342	US	Issued	LSI Corporation
08-0242CUS1	Jun 26, 2009	12492357	Nov 6, 2012	8307253	US	Issued	LSI Corporation
08-0242DUS1	Jun 26, 2009	12492374	Jun 18, 2013	8468429	US	Issued	LSI Corporation
06-0782-EPO	Aug 13, 2007	078367679			EP	Pending	LSI Logic Corporation
06-0233-KR	Sep 21, 2007	20097006951	Feb 12, 2014	10-1364929	KR	Issued	LSI Logic Corporation
07-2105-JP	Mar 27, 2008	2010537998	Jun 29, 2012	5028530	JP	Issued	LSI Logic Corporation
07-2105-KR	Mar 27, 2008	1020097026125	Jul 5, 2012	10-1164809	KR	Issued	LSI Logic Corporation
06-1247-CN	Oct 9, 2007	2007800439252	Jun 13, 2012	ZL200780043925.2	CN	Issued	LSI Logic Corporation
08-0399-KR	Jul 21, 2010	1020107016346			KR	Pending	LSI Corporation
07-1929	May 20, 2009	12454626	Dec 11, 2012	8332849	US	Issued	LSI Logic Corporation
08-0399-EPO	Dec 11, 2008	088769047			EP	Pending	LSI Corporation
08-0399-JP	Dec 11, 2008	2011540670	Aug 16, 2013	5340411	JP	Issued	LSI Corporation
08-0399-CN	Dec 11, 2008	2008800016040			CN	Pending	LSI Corporation
06-1247-JP	Oct 9, 2007	2009538383	May 18, 2012	4996693	JP	Issued	LSI Logic Corporation
06-1597-KR	Sep 28, 2007	20097010629	Mar 8, 2013	1243933	KR	Issued	LSI Logic Corporation
06-1513-KR	Sep 24, 2007	20097010413	Jun 25, 2012	1161390	KR	Issued	LSI Logic Corporation
06-1513-EPO	Sep 24, 2007	078387495			EP	Pending	LSI Logic Corporation
06-1714-JP	Sep 24, 2007	2009539240	Jun 22, 2012	5022446	JP	Issued	LSI Logic Corporation
06-1714-CN	Sep 24, 2007	2007800440512	Jul 4, 2012	ZL200780044051.2	CN	Issued	LSI Logic Corporation
06-2292US1	May 21, 2009	12469985	Dec 4, 2012	8324019	US	Issued	LSI Logic Corporation
04-0507-SE	Apr 24, 2002	027258110	Feb 11, 2009	1384357	SE	Issued	LSI Logic Corporation
04-0507-FI	Apr 24, 2002	027258110	Feb 11, 2009	1384357	FI	Issued	LSI Logic Corporation
08-0584-TW	May 6, 2009	098115048	Mar 11, 2013	1389475	TW	Issued	LSI Corporation
09-0469US1	Jun 25, 2009	12491407	Jun 21, 2011	7963046	US	Issued	LSI Corporation
09-0900US1	Jun 17, 2009	12485937	May 17, 2011	7944284	US	Issued	LSI Corporation
09-0471US1	Jun 30, 2009	12494771	Oct 15, 2013	8559580	US	Issued	LSI Corporation
09-0472CN1	Jul 22, 2009	2009101521823			CN	Pending	LSI Corporation
09-0473US1	Jun 30, 2009	12494459	May 1, 2012	8169918	US	Issued	LSI Corporation
06-1247-EPO	Oct 9, 2007	078526423			EP	Pending	LSI Logic Corporation
05-1851/IC	Jun 19, 2009	12487873	Feb 21, 2012	8120431	US	Issued	LSI Logic Corporation
06-1714-EPO	Sep 24, 2007	078387339			EP	Pending	LSI Logic Corporation
09-0494US1	Jun 30, 2009	12495547	Feb 19, 2013	8379711	US	Issued	LSI Corporation
04-0507-FR	Apr 24, 2002	027258110	Feb 11, 2009	1384357	FR	Issued	LSI Logic Corporation
07-1715-CN	Apr 27, 2009	2009101370128			CN	Pending	LSI Logic Corporation
08-0769TW1	Jul 1, 2009	098122265			TW	Pending	LSI Corporation
06-1714-KR	Jun 29, 2009	20097013585	Sep 6, 2012	1182343	KR	Issued	LSI Logic Corporation
05-2730/ID	Jul 14, 2009	12502377	Dec 31, 2013	8618888	US	Issued	LSI Logic Corporation
05-1484-GB	Sep 18, 2007	09049958	Apr 27, 2011	2455256	GB	Issued	LSI Logic Corporation

L06-1247-KR	Oct 9, 2007	20097013338	Dec 13, 2012	1214206	KR	Issued	LSI Logic Corporation
L08-0757-TW	Jul 9, 2009	098123257	Mar 1, 2014	1428831	TW	Issued	LSI Corporation
L02-0020/ID	Mar 3, 2008	12074380	Dec 29, 2009	7640479	US	Issued	LSI Logic Corporation
L05-1787-UK	Sep 18, 2007	09050006	Jul 13, 2011	2456081	GB	Issued	LSI Logic Corporation
L06-1466-EP1	Sep 28, 2007	078391059			EP	Pending	LSI Logic Corporation
L08-1459EP1	Jul 3, 2009	092517259			EP	Pending	LSI Corporation
L08-1461EP1	Jul 3, 2009	092517267			EP	Pending	LSI Corporation
L08-1459TW1	Jun 30, 2009	98121993	Jun 1, 2014	1439865	TW	Issued	LSI Corporation
L08-1461TW1	Jun 30, 2009	98121988			TW	Pending	LSI Corporation
L09-0518US1	Jul 27, 2009	12510222	Jun 28, 2011	7969337	US	Issued	LSI Corporation
L06-1548-JP	Aug 16, 2007	2009525568	Mar 30, 2012	4960456	JP	Issued	LSI Logic Corporation
L06-1548-CN	Aug 16, 2007	2007800312603			CN	Pending	LSI Logic Corporation
L07-0890-JP	Nov 8, 2007	2009550091	May 11, 2012	4989809	JP	Issued	LSI Logic Corporation
L06-1548-KR	Aug 16, 2007	20097005935	Mar 7, 2012	1126596	KR	Issued	LSI Logic Corporation
L06-1788-KR	Sep 21, 2007	20097013643	Feb 6, 2014	10-1362556	KR	Issued	LSI Logic Corporation
L06-1788-CN	Sep 21, 2007	2007800481724	Feb 29, 2012	ZL 200780048172.4	CN	Issued	LSI Logic Corporation
L06-0782-KR	Aug 13, 2007	1020097005213	Jan 4, 2013	1221013	KR	Issued	LSI Logic Corporation
L09-0519US1	Jul 24, 2009	12508915	Apr 24, 2012	8166258	US	Issued	LSI Corporation
L09-0901US1	Jul 24, 2009	12508879	Apr 24, 2012	8166233	US	Issued	LSI Corporation
L09-0902US1	Jul 22, 2009	12507078			US	Pending	LSI Corporation
L01-330/1D	Jul 13, 2009	12502057	Jan 17, 2012	8097179	US	Issued	LSI Logic Corporation
L09-0520US1	Jul 31, 2009	12533568	Oct 8, 2013	8553814	US	Issued	LSI Corporation
L08-0245US2	Aug 12, 2009	12540035	Mar 25, 2014	8683299	US	Issued	LSI Corporation
L08-0245US3	Aug 12, 2009	12540002	Jun 11, 2013	8464128	US	Issued	LSI Corporation
L05-1540/1C	Jul 21, 2009	12506469	Mar 22, 2011	7911892	US	Issued	LSI Logic Corporation
L03-0717/1P/1D	Jul 21, 2009	12506746	May 24, 2011	7948036	US	Issued	LSI Logic Corporation
L06-1788-JP	Sep 21, 2007	2009544128	Jun 1, 2012	5005041	JP	Issued	LSI Logic Corporation
L06-1166/1D	Jul 23, 2009	12507831	Jan 4, 2011	7863716	US	Issued	LSI Logic Corporation
L08-1121US2	Jul 28, 2009	12510699	Aug 7, 2012	8239701	US	Issued	LSI Corporation
L08-1461CN1	Jul 20, 2009	2009101579665	Jan 8, 2014	ZL 200910157966.5	CN	Issued	LSI Corporation
L09-0565US1	Mar 16, 2004	10803111	Aug 18, 2009	7577688	US	Issued	LSI Corporation
L09-0566US1	Aug 24, 2005	11212304	Jun 22, 2010	7743038	US	Issued	LSI Corporation
L08-1075CN1	Jul 30, 2009	2009101622307	Jul 18, 2012	ZL 200910162230.7	CN	Issued	LSI Corporation
L08-1459CN1	Jul 30, 2009	2009101622326			CN	Pending	LSI Corporation
L06-1548-EPO	Aug 16, 2007	078369659			EP	Pending	LSI Logic Corporation
L09-0099US1	Aug 4, 2009	12462425	Jun 12, 2012	8201001	US	Issued	LSI Corporation
L09-0124US1	Aug 4, 2009	12462427			US	Pending	LSI Corporation
L08-1057US2	Jul 24, 2009	12524418	Oct 16, 2012	8291299	US	Issued	LSI Corporation
L05-1742/1D	Jul 23, 2009	12508320	Aug 14, 2012	8245168	US	Issued	LSI Logic Corporation
L06-1933-CN	Sep 21, 2007	2007800512031	Jul 4, 2012	ZL 200780051203.1	CN	Issued	LSI Logic Corporation
L06-1788-EPO	Sep 21, 2007	078430014			EP	Pending	LSI Logic Corporation
L08-0882TW1	Jul 1, 2009	098122303			TW	Pending	LSI Corporation
L08-0882TW2	Jul 22, 2009	098124756			TW	Pending	LSI Corporation
L09-0572US1	Aug 25, 2009	12547298	Feb 26, 2013	8385489	US	Issued	LSI Corporation
L09-0574US1	Aug 31, 2009	12550978	Jun 18, 2013	8468419	US	Issued	LSI Corporation
L08-0959-KR	Oct 6, 2010	1020107022302			KR	Pending	LSI Corporation
L08-0959-EPO	Apr 10, 2009	098059843			EP	Pending	LSI Corporation
L08-0959-CN	Apr 10, 2009	200980000270X			CN	Pending	LSI Corporation
L08-1459JP1	Sep 4, 2009	2009204928	Jun 21, 2013	5297310	JP	Issued	LSI Corporation
L08-1075JP1	Sep 4, 2009	2009204925	Sep 13, 2013	5363924	JP	Issued	LSI Corporation
L09-0581US1	Sep 8, 2009	12555025	Jul 23, 2013	8494099	US	Issued	LSI Corporation
L09-0194US1	Sep 1, 2009	12551593	Jul 17, 2012	8225146	US	Issued	LSI Corporation
L09-0183US1	Dec 16, 2009	12639853			US	Pending	LSI Corporation
L04-0681/1D	Oct 29, 2009	12608469	Dec 11, 2012	8332801	US	Issued	LSI Logic Corporation
L08-1459KR1	Jul 20, 2009	20090065728	Jun 15, 2011	10-1043548	KR	Issued	LSI Corporation
L08-1513KR1	Jul 20, 2009	20090065743	Feb 21, 2012	10-1121285	KR	Issued	LSI Corporation
L07-0890CN1	Nov 8, 2007	2007800523002	Sep 11, 2013	ZL2007800523002	CN	Issued	LSI Logic Corporation
L07-0890EP1	Nov 8, 2007	078641545			EP	Pending	LSI Logic Corporation
L08-0971US2	Sep 3, 2009	12553558	May 1, 2012	8171178	US	Issued	LSI Corporation
L08-0971CN1	Oct 28, 2009	2009101810791			CN	Pending	LSI Corporation
L08-0971JP1	Dec 1, 2009	2009273244	May 31, 2013	5280342	JP	Issued	LSI Corporation
L08-0971KR1	Nov 20, 2009	20090112567	Nov 6, 2012	10-1200594	KR	Issued	LSI Corporation
L08-0971TW1	Sep 9, 2009	98130341	Aug 11, 2013	1405119	TW	Issued	LSI Corporation
L08-1121CN1	Jan 13, 2010	2010100038034			CN	Pending	LSI Corporation
L08-1121EP1	Feb 12, 2010	101534196			EP	Pending	LSI Corporation
L08-1121JP1	Mar 5, 2010	201048534	Mar 28, 2014	5506459	JP	Issued	LSI Corporation
L08-1121KR1	Jan 8, 2010	20100001921			KR	Pending	LSI Corporation
L08-1121TW1	Dec 31, 2009	098146508			TW	Pending	LSI Corporation
L08-1461KR1	Jul 20, 2009	20090065735	Feb 21, 2012	10-1121298	KR	Issued	LSI Corporation
L08-0556CN1	Jan 14, 2010	2010100040246			CN	Pending	LSI Corporation
L08-0556JP1	Feb 15, 2010	201029688	Apr 13, 2012	4970563	JP	Issued	LSI Corporation
L08-0556KR1	Dec 18, 2009	20090126623	Jul 23, 2012	10-1169513	KR	Issued	LSI Corporation
L08-0925CN1	Oct 16, 2009	2009102051825			CN	Pending	LSI Corporation
L08-0925EP1	Mar 26, 2010	101580736			EP	Pending	LSI Corporation
L08-0925JP1	Jan 7, 2010	2010001623	Mar 7, 2014	5489728	JP	Issued	LSI Corporation
L08-0925KR1	Sep 23, 2009	1020090089953			KR	Pending	LSI Corporation
L08-0925TW1	Sep 22, 2009	98131946			TW	Pending	LSI Corporation
L08-0569US1	Sep 8, 2009	12530269	Aug 20, 2013	8515055	US	Issued	LSI Corporation
L08-1461JP1	Sep 4, 2009	2009204931	Jan 24, 2014	5460188	JP	Issued	LSI Corporation
L08-1521CN1	Apr 1, 2010	2010101468523	Sep 11, 2013	ZL201010146852.3	CN	Issued	LSI Corporation
L08-1521JP1	Mar 26, 2010	201071656	Nov 22, 2013	5415333	JP	Issued	LSI Corporation
L08-1521KR1	Mar 31, 2010	201029143	Feb 29, 2012	1124480	KR	Issued	LSI Corporation
L08-1521TW1	Dec 21, 2009	98143847	Sep 1, 2012	1371686	TW	Issued	LSI Corporation
L08-1536CN1	Jun 10, 2010	2010102027867			CN	Pending	LSI Corporation
L08-1536EP1	Jun 11, 2010	101657385			EP	Pending	LSI Corporation
L08-1536JP1	Jun 10, 2010	2010132552			JP	Pending	LSI Corporation
L08-1536KR1	Jun 10, 2010	1020100054807			KR	Pending	LSI Corporation
L08-1536SG1	Jun 10, 2010	2010040590	Jul 31, 2013	167757	SG	Issued	LSI Corporation
L08-1536TW1	Jun 10, 2010	099118956	Oct 21, 2013	1413210	TW	Issued	LSI Corporation
L09-0015CN1	Jun 13, 2010	2010102001956			CN	Pending	LSI Corporation
L09-0015JP1	Apr 16, 2010	2010094996	Mar 22, 2013	5227361	JP	Issued	LSI Corporation
L09-0015KR1	May 3, 2010	20100041424			KR	Allowed	LSI Corporation
L09-0015TW1	Apr 16, 2010	99111941			TW	Pending	LSI Corporation
L09-0194CN1	May 25, 2010	2010101817346			CN	Pending	LSI Corporation
L09-0194JP1	Apr 20, 2010	2010097104	Jan 11, 2013	5172892	JP	Issued	LSI Corporation
L09-0194KR1	May 6, 2010	20100042602	May 22, 2013	10-1268643	KR	Issued	LSI Corporation
L09-0194TW1	Apr 20, 2010	099112252	May 21, 2013	1396973	TW	Issued	LSI Corporation
L08-0554-KR	Sep 15, 2009	1020090086960			KR	Pending	LSI Corporation

L08-1004CN1	Jan 29, 2010	2010101071877			CN	Pending	LSI Corporation
L08-1004EP1	Feb 12, 2010	101534279			EP	Pending	LSI Corporation
L08-1004JP1	Mar 18, 2010	201062391			JP	Pending	LSI Corporation
L08-1004KR1	Jan 8, 2010	20100001819			KR	Pending	LSI Corporation
L08-1004TW1	Dec 31, 2009	098146502			TW	Pending	LSI Corporation
L08-1513JP1	Sep 4, 2009	2009204938	Aug 30, 2013	5351668	JP	Issued	LSI Corporation
L06-1933-KR	Sep 21, 2007	20097018020	Feb 12, 2014	10-1364820	KR	Issued	LSI Logic Corporation
L06-1933-JP	Sep 21, 2007	2009551984	Apr 6, 2012	4964968	JP	Issued	LSI Logic Corporation
L09-0518EP1	Jul 23, 2010	101706489			EP	Pending	LSI Corporation
L08-0554EPO	Sep 11, 2009	091701177			EP	Pending	LSI Corporation
L08-1240TW	Aug 28, 2009	98128976			TW	Pending	LSI Corporation
L09-0518CN1	Oct 16, 2009	2009102051810			CN	Pending	LSI Corporation
L09-0518TW1	Sep 22, 2009	98131945			TW	Pending	LSI Corporation
L09-0518JP1	May 28, 2010	2010122719			JP	Pending	LSI Corporation
L09-0518KR1	Sep 23, 2009	1020090089961			KR	Pending	LSI Corporation
L09-0268US2	Apr 14, 2010	12760434			US	Pending	LSI Corporation
L09-0266US2	Apr 14, 2010	12760415			US	Pending	LSI Corporation
L09-0468US2	Apr 22, 2010	12765027	Jul 24, 2012	8230134	US	Issued	LSI Corporation
L09-0569US2	Jul 19, 2010	12839148	Apr 2, 2013	8411399	US	Issued	LSI Corporation
L09-0190US2	Jun 4, 2010	12793872	May 20, 2014	8732396	US	Issued	LSI Corporation
L09-0449US2	Apr 23, 2010	12766032	Dec 4, 2012	8327166	US	Issued	LSI Corporation
L09-0619TW1	Sep 30, 2009	098133227			TW	Pending	LSI Corporation
L09-0654US1	Jan 28, 2010	12695267	Jan 8, 2013	8352714	US	Issued	LSI Corporation
L08-1240-EPO	Aug 29, 2009	092521020			EP	Pending	LSI Corporation
L08-1240-KR	Sep 11, 2009	20090085967	Apr 28, 2014	10-1392046	KR	Issued	LSI Corporation
L08-1075KR1	Jul 20, 2009	20090065726	Feb 21, 2012	10-1121344	KR	Issued	LSI Corporation
L08-0554CN	Sep 10, 2009	2009101736666			CN	Pending	LSI Corporation
L08-0554TW	Aug 24, 2009	98128397			TW	Allowed	LSI Corporation
L04-1542/1D	Oct 6, 2009	12574479	Jun 7, 2011	7956401	US	Issued	LSI Logic Corporation
L01-555/1D/1D	Oct 6, 2009	12574426	Sep 20, 2011	8021955	US	Issued	LSI Logic Corporation
L08-1240-CN	Oct 13, 2009	2009101802901			CN	Pending	LSI Corporation
L04-1749/1D	Oct 12, 2009	12577382	Jun 14, 2011	7962833	US	Issued	LSI Logic Corporation
L06-0307/1D	Nov 24, 2009	12624548	Jul 19, 2011	7983504	US	Issued	LSI Logic Corporation
L09-0491US1	Feb 24, 2010	12712136			US	Pending	LSI Corporation
L09-0502US1	May 11, 2010	12777276	Jun 3, 2014	8745633	US	Issued	LSI Corporation
L09-0504US2	Jul 13, 2010	12834913	May 14, 2013	8442106	US	Issued	LSI Corporation
L09-0541US1	Feb 5, 2010	12700867	Jul 24, 2012	8230192	US	Issued	LSI Corporation
L09-0550US1	Dec 30, 2009	12649490	Nov 27, 2012	8321639	US	Issued	LSI Corporation
L09-0575US1	Apr 12, 2010	12758122	Dec 13, 2011	8077427	US	Issued	LSI Corporation
L09-0590US1	Jul 20, 2010	12840016	Jul 23, 2013	8492911	US	Issued	LSI Corporation
L09-0597US1	Jul 19, 2010	12838601	May 1, 2012	8169726	US	Issued	LSI Corporation
L04-1484/1D	Oct 9, 2009	12576775	Jul 9, 2013	8484608	US	Issued	LSI Logic Corporation
L06-0634/1C	Dec 7, 2009	12632046	Apr 5, 2011	7920446	US	Issued	LSI Logic Corporation
L09-0523US1	Mar 26, 2010	12732908	May 15, 2012	8181062	US	Issued	LSI Corporation
L09-0522US1	Mar 26, 2010	12732841	Feb 7, 2012	8112663	US	Issued	LSI Corporation
L09-0604US1	May 28, 2010	12790283	Apr 29, 2014	8713338	US	Issued	LSI Corporation
L09-0012RU1	Mar 24, 2010	2010111027			RU	Pending	LSI Corporation
L09-0227US1	Nov 17, 2010	12947931	Oct 22, 2013	8566379	US	Issued	LSI Corporation
L09-0242US1	Feb 18, 2010	12707820	Oct 4, 2011	8031420	US	Issued	LSI Corporation
L09-0272US1	May 28, 2010	12790249	Nov 19, 2013	8587888	US	Issued	LSI Corporation
L09-0271US1	Mar 23, 2010	12729312	Oct 25, 2011	8045283	US	Issued	LSI Corporation
L09-0270US1	Mar 25, 2010	12731381	Jan 3, 2012	8089713	US	Issued	LSI Corporation
L06-0264-EP	Sep 27, 2007	078524717			EP	Pending	LSI Logic Corporation
L04-1586/1D	Dec 8, 2009	12632797	Jan 1, 2013	8347123	US	Issued	LSI Logic Corporation
L09-0040US1	Jul 28, 2010	12845110	Apr 3, 2012	8149529	US	Issued	LSI Corporation
L09-0296US1	Oct 16, 2009	12580280	Jan 25, 2011	7876132	US	Issued	LSI Corporation
L09-0297US1	Sep 24, 2010	12889440	Feb 28, 2012	8125267	US	Issued	LSI Corporation
L09-0119TW1	Oct 19, 2009	98135229			TW	Pending	LSI Corporation
L09-0294US1	Oct 31, 2009	12610275	Nov 16, 2010	7834653	US	Issued	LSI Corporation
L09-0295US1	Oct 31, 2009	12610276	Mar 6, 2012	8130030	US	Issued	LSI Corporation
L08-0610TW1	Oct 29, 2009	98136747			TW	Pending	LSI Corporation
L09-0119CN1	Dec 14, 2009	2009102502938			CN	Pending	LSI Corporation
L09-0119EP1	Nov 12, 2009	092526052			EP	Pending	LSI Corporation
L09-0119KR1	Oct 30, 2009	20090104258			KR	Pending	LSI Corporation
L09-0520CN1	Jul 30, 2010	2010102407067			CN	Pending	LSI Corporation
L09-0520EP1	Jul 23, 2010	101706422			EP	Pending	LSI Corporation
L09-0520JP1	Jul 30, 2010	2010171249			JP	Pending	LSI Corporation
L09-0520KR1	Jul 30, 2010	20100073956			KR	Pending	LSI Corporation
L09-0520TW1	Jul 9, 2010	099122756			TW	Pending	LSI Corporation
L06-2734-IL	Aug 2, 2004	163314	Sep 17, 2010	163314	IL	Issued	LSI Logic Corporation
L09-0096US1	Apr 21, 2010	12727241	Jan 7, 2014	8627160	US	Issued	LSI Corporation
L09-0097US1	Feb 17, 2010	12706838			US	Pending	LSI Corporation
L09-0154US1	Dec 2, 2009	12629816	Jul 31, 2012	8232819	US	Issued	LSI Corporation
L09-0424US1	Mar 5, 2010	12718279	Jun 4, 2013	8458377	US	Issued	LSI Corporation
L09-0383US1	Nov 20, 2009	12622592	Aug 21, 2012	8250392	US	Issued	LSI Corporation
L09-0370US1	Dec 17, 2009	12640004	May 27, 2014	8736332	US	Issued	LSI Corporation
L09-0472US1	Dec 31, 2009	12651310	Apr 2, 2013	8411383	US	Issued	LSI Corporation
L08-1139US1	Jan 19, 2010	12689806	Jul 17, 2012	8222745	US	Issued	LSI Corporation
L09-0747US1	Jan 29, 2010	12696572			US	Pending	LSI Corporation
L09-0748US1	May 10, 2010	12776681	Jun 18, 2013	8467440	US	Issued	LSI Corporation
L09-0749US1	Mar 31, 2010	12750871			US	Pending	LSI Corporation
L09-0750US1	Jan 22, 2010	12691819	Oct 16, 2012	8289768	US	Issued	LSI Corporation
L09-0752US1	Dec 31, 2009	12651280	Jun 4, 2013	8456775	US	Issued	LSI Corporation
L06-2373JP1	Mar 3, 2008	2010508357			JP	Pending	LSI Logic Corporation
L09-0573US2	Dec 21, 2009	12643471	Jul 10, 2012	8219776	US	Issued	LSI Corporation
L09-0573US3	Mar 12, 2010	12722828	Nov 13, 2012	8312250	US	Issued	LSI Corporation
L09-0573US4	Mar 24, 2010	12730627	Jan 8, 2013	8352690	US	Issued	LSI Corporation
L09-0573US5	Apr 29, 2010	12769910	Oct 30, 2012	8301861	US	Issued	LSI Corporation
L09-0573US6	Mar 25, 2010	12731631	Nov 20, 2012	8316178	US	Issued	LSI Corporation
L02-5777US3	Dec 8, 2009	12633094	May 21, 2013	8446962	US	Issued	LSI Logic Corporation
L06-2373CN1	Mar 3, 2008	2008800163798	Aug 21, 2013	ZL200880016379.8	CN	Issued	LSI Logic Corporation
L09-0661US2	Jan 22, 2010	12691797	Jun 4, 2013	8458416	US	Issued	LSI Corporation
L02-5721-JP/1D	Nov 19, 2009	2009263923	Jun 22, 2012	5021712	JP	Issued	LSI Logic Corporation
L06-2373KR1	Mar 3, 2008	20097025075	May 15, 2013	1266496	KR	Issued	LSI Logic Corporation
L08-0436-TW	Nov 6, 2009	098137820	Aug 21, 2013	1406147	TW	Issued	LSI Corporation
L09-0294CN1	Jan 18, 2010	2010100007553			CN	Pending	LSI Corporation
L09-0294JP1	Jan 29, 2010	2010043599			JP	Pending	LSI Corporation
L09-0294KR1	Jan 29, 2010	1020100008633			KR	Pending	LSI Corporation

L09-0294TW1	Feb 6, 2010	991036870	Jul 11, 2013	I401884	TW	Issued	LSI Corporation
L09-0295CN1	Jan 18, 2010	2010100007568			CN	Pending	LSI Corporation
L09-0295JP1	Jan 29, 2010	2010043600			JP	Pending	LSI Corporation
L09-0295KR1	Jan 29, 2010	1020100008644			KR	Pending	LSI Corporation
L09-0295TW1	Feb 6, 2010	099103685	Aug 21, 2013	I406501	TW	Issued	LSI Corporation
L09-0296CN1	Jan 18, 2010	2010100007572			CN	Pending	LSI Corporation
L09-0296EP1	Feb 4, 2010	101526721			EP	Pending	LSI Corporation
L09-0296JP1	Jan 29, 2010	2010043601			JP	Pending	LSI Corporation
L09-0296KR1	Jan 29, 2010	1020100008655			KR	Pending	LSI Corporation
L09-0296TW1	Feb 6, 2010	991036880	Sep 11, 2013	I408902	TW	Issued	LSI Corporation
L09-0297CN1	Jan 18, 2010	2010100007587			CN	Pending	LSI Corporation
L09-0297JP1	Jan 29, 2010	2010043602			JP	Pending	LSI Corporation
L09-0297KR1	Jan 29, 2010	1020100008659			KR	Pending	LSI Corporation
L09-0297TW1	Feb 6, 2010	099103684	Aug 21, 2013	I406500	TW	Issued	LSI Corporation
L07-0731CN1	Oct 3, 2007	2007801004243	Apr 10, 2013	ZL 200780100424.3	CN	Issued	LSI Logic Corporation
L07-0731EP1	Oct 3, 2007	078392214			EP	Pending	LSI Logic Corporation
L07-0731KR1	Oct 3, 2007	20097026435	Mar 22, 2012	10-1131643	KR	Issued	LSI Logic Corporation
L08-0439CN1	Mar 31, 2009	2009801422883	Mar 5, 2014	ZL 200980142288.3	CN	Issued	LSI Corporation
L08-0439EP1	Mar 31, 2009	098278435			EP	Pending	LSI Logic Corporation
L08-0439JP1	Mar 31, 2009	2011536302			JP	Pending	LSI Corporation
L08-0439KR1	May 17, 2011	20117011169			KR	Pending	LSI Corporation
L08-0458CN1	Mar 23, 2009	2009801441386			CN	Pending	LSI Corporation
L08-0458EP1	Mar 23, 2009	098278427			EP	Pending	LSI Corporation
L08-0458JP1	Mar 23, 2009	2011537408	Jul 26, 2013	5325304	JP	Issued	LSI Corporation
L08-0458KR1	May 20, 2011	20117011580			KR	Pending	LSI Corporation
L08-0510CN1	Mar 31, 2009	2009801360228			CN	Pending	LSI Corporation
L08-0510EP1	Mar 31, 2009	098239197			EP	Pending	LSI Corporation
L08-0510JP1	Mar 31, 2009	2011534483			JP	Pending	LSI Corporation
L08-0510KR1	Mar 31, 2009	20117009727			KR	Pending	LSI Corporation
L08-0949CN1	Mar 31, 2009	2009801360266			CN	Pending	LSI Corporation
L08-0949EP1	Mar 31, 2009	098389810			EP	Pending	LSI Corporation
L08-0949JP1	Mar 31, 2009	2011547876	Jan 17, 2014	5456063	JP	Issued	LSI Corporation
L08-0949KR1	Mar 31, 2011	20117011778	Jun 2, 2014	10-1405729	KR	Issued	LSI Corporation
L08-0949US2	Dec 2, 2010	12995792	Apr 29, 2014	8713267	US	Issued	LSI Corporation
L08-0950CN1	Mar 31, 2009	2009801544895			CN	Pending	LSI Corporation
L08-0950EP1	Mar 31, 2009	098393804			EP	Pending	LSI Corporation
L08-0950JP1	Mar 31, 2009	2011547877	May 17, 2013	5271424	JP	Issued	LSI Corporation
L08-0950KR1	Jul 28, 2011	20117017728			KR	Pending	LSI Corporation
L08-0950US2	Jul 28, 2011	13146820			US	Allowed	LSI Corporation
L08-1240JP1	Dec 9, 2009	2009279266	Dec 6, 2013	5425605	JP	Issued	LSI Corporation
L08-1513CN1	Jul 30, 2009	2009101622311	Jun 4, 2014	ZL200910162231.1	CN	Issued	LSI Corporation
L05-2572/ID	Nov 24, 2009	12625457	Mar 6, 2012	8129759	US	Issued	LSI Logic Corporation
L07-2391-CN	Oct 20, 2008	2008800246589	May 29, 2013	ZL200880024658.9	CN	Issued	LSI Logic Corporation
L07-2490-CN	Oct 27, 2008	2008800247492	Mar 27, 2013	ZL200880024749.2	CN	Issued	LSI Logic Corporation
L07-2117-CN	Oct 27, 2008	2008800246790	Mar 6, 2013	ZL200880024679.0	CN	Issued	LSI Logic Corporation
L09-0746TW1	Dec 9, 2009	098142103			TW	Pending	LSI Corporation
L07-2491-CN	Oct 27, 2008	2008800247539	Jul 17, 2013	ZL200880024753.9	CN	Issued	LSI Logic Corporation
L07-2391US1	Dec 7, 2009	12663345	Apr 10, 2012	8154818	US	Issued	LSI Logic Corporation
L07-2391-JP	Oct 20, 2008	2010538007	Apr 26, 2013	5255068	JP	Issued	LSI Logic Corporation
L07-2391-KR	Oct 20, 2008	20107004019			KR	Pending	LSI Logic Corporation
L07-2391-EPO	Oct 20, 2008	088631775			EP	Pending	LSI Logic Corporation
L08-0387US2	Dec 22, 2009	12644622	Mar 18, 2014	8677209	US	Issued	LSI Corporation
L08-0714US3	Dec 22, 2009	12644161	Jan 8, 2013	8352847	US	Issued	LSI Corporation
L08-0714US4	Dec 22, 2009	12644181	Jan 22, 2013	8359515	US	Issued	LSI Corporation
L06-2373EPO1	Mar 3, 2008	087263596			EP	Pending	LSI Logic Corporation
L05-0789/ID	Dec 16, 2009	12639026	Jul 13, 2010	7755111	US	Issued	LSI Logic Corporation
L07-2490-JP	Oct 27, 2008	2010538009	Jul 13, 2012	5036877	JP	Issued	LSI Logic Corporation
L07-2490-EPO	Oct 27, 2008	088612536			EP	Pending	LSI Logic Corporation
L07-2490-KR	Oct 27, 2008	1020107004017			KR	Pending	LSI Logic Corporation
L07-0479-JP	Mar 3, 2008	2010514747	Jul 13, 2012	5038495	JP	Issued	LSI Logic Corporation
L07-2117-US	Oct 27, 2008	12663325	May 8, 2012	8175201	US	Issued	LSI Logic Corporation
L08-0387US3	Dec 22, 2009	12644314	Apr 16, 2013	8423861	US	Issued	LSI Corporation
L07-0479-CN	Mar 3, 2008	2008800217694	May 30, 2012	ZL200880021769.4	CN	Issued	LSI Logic Corporation
L09-0370KR1	Feb 19, 2010	1020100014991			KR	Pending	LSI Corporation
L10-0003US1	Feb 19, 2002	10078955	Sep 26, 2006	7113554	US	Issued	LSI Corporation
L10-0003CN1	Jan 16, 2002	02800373X	Aug 22, 2007	02800373.X	CN	Issued	LSI Corporation
L09-0291US2	Mar 22, 2010	12729226	Aug 14, 2012	8243737	US	Issued	LSI Corporation
L09-0292US2	Mar 22, 2010	12729231	Jun 25, 2013	8473657	US	Issued	LSI Corporation
L09-0666US1	Aug 11, 2010	12854720	May 8, 2012	8176218	US	Issued	LSI Corporation
L09-0667US1	Aug 11, 2010	12854765	Sep 4, 2012	8261003	US	Issued	LSI Corporation
L09-0668US1	Aug 11, 2010	12854800	Aug 28, 2012	8255634	US	Issued	LSI Corporation
L03-0340/ID	Feb 3, 2010	12699463	Mar 13, 2012	8136161	US	Issued	LSI Logic Corporation
L02-5706-DE	Oct 31, 2003	030248397	Mar 4, 2009	60326421.2	DE	Issued	LSI Logic Corporation
L09-0154CN1	Mar 17, 2010	2010101434476			CN	Pending	LSI Corporation
L09-0154EP1	Feb 25, 2010	101546240			EP	Pending	LSI Corporation
L09-0154TW1	Feb 11, 2010	099104413	May 11, 2013	I396074	TW	Issued	LSI Corporation
L09-0154KR1	Apr 20, 2010	1020100036225	May 27, 2013	10-1269938	KR	Issued	LSI Corporation
L09-0154JP1	Mar 19, 2010	201063828	Dec 20, 2013	5437872	JP	Issued	LSI Corporation
L10-0059US1	Dec 19, 2000	09741667	Feb 11, 2003	6518619	US	Issued	LSI Corporation
L10-0060US1	Dec 21, 2000	09720149	Jul 19, 2005	6920569	US	Issued	LSI Corporation
L10-0061US2	Jun 6, 1995	08479018	Aug 26, 1997	5661091	US	Issued	LSI Corporation
L10-0062US1	Apr 1, 2005	11547738	Jan 27, 2009	7482991	US	Issued	LSI Corporation
L10-0062CN1	Apr 1, 2005	2005800121556	Jun 8, 2011	200580012155.6	CN	Issued	LSI Corporation
L10-0062CN2	Apr 1, 2005	2005800121683	Dec 7, 2011	ZL 200580012168.3	CN	Issued	LSI Corporation
L10-0062DE2	Apr 1, 2005	057186207	Aug 15, 2007	602005002046.2	DE	Issued	LSI Corporation
L10-0062FR2	Apr 1, 2005	057186207	Aug 15, 2007	1738434	FR	Issued	LSI Corporation
L10-0062GB2	Apr 1, 2005	057186207	Aug 15, 2007	1738434	GB	Issued	LSI Corporation
L10-0062JP1	Apr 1, 2005	2007506894	Jun 24, 2011	4769793	JP	Issued	LSI Corporation
L10-0063US1	Nov 4, 2004	10513505	Mar 6, 2007	7187338	US	Issued	LSI Corporation
L10-0063GB1	Apr 29, 2003	037190360	Dec 19, 2007	1506594	GB	Issued	LSI Corporation
L10-0063FR1	Apr 29, 2003	037190360	Dec 19, 2007	1506594	FR	Issued	LSI Corporation
L10-0063DE1	Apr 29, 2003	037190360	Dec 19, 2007	60318199.6	DE	Issued	LSI Corporation
L10-0063CN1	Apr 29, 2003	038103079	Mar 18, 2009	03810307.9	CN	Issued	LSI Corporation
L10-0064US1	Oct 13, 2004	10511211	May 26, 2009	7539118	US	Issued	LSI Corporation
L10-0064TW1	Apr 15, 2003	092108670	Apr 11, 2007	1278849	TW	Issued	LSI Corporation
L10-0064CN1	Apr 3, 2003	038084937	Apr 16, 2008	03808493.7	CN	Issued	LSI Corporation
L10-0065US1	Dec 6, 2002	10313399	Feb 7, 2006	6995656	US	Issued	LSI Corporation
L10-0065JP1	Dec 6, 2002	2002355530	Aug 1, 2008	4161021	JP	Issued	LSI Corporation

L10-0065EP1	Dec 5, 2002	020801478			EP	Pending	LSI Corporation
L10-0065CN1	Dec 6, 2002	20021540365	Sep 29, 2010	ZL2002154036.5	CN	Issued	LSI Corporation
L10-0066US1	Dec 6, 2002	10313786	Jul 17, 2007	7245606	US	Issued	LSI Corporation
L10-0066JP1	Dec 6, 2002	02355006	Feb 29, 2008	4087236	JP	Issued	LSI Corporation
L10-0066CN1	Dec 6, 2002	02154042X	May 2, 2007	02154042.X	CN	Issued	LSI Corporation
L10-0067US1	May 2, 2002	10137781	Mar 22, 2005	6871256	US	Issued	LSI Corporation
L10-0068US1	Jul 24, 1996	08692852	Mar 24, 1998	5731635	US	Issued	LSI Corporation
L10-0068DE2	Jul 24, 1996	962020897	Nov 27, 2002	59609905.3	DE	Issued	LSI Corporation
L10-0069US1	Nov 13, 2000	09710830	Aug 15, 2006	7092461	US	Issued	LSI Corporation
L10-0069KR1	Nov 2, 2000	20017008991	Apr 9, 2007	707876	KR	Issued	LSI Corporation
L10-0069CN1	Nov 2, 2000	20008028710	Nov 11, 2009	ZL2000802871.0	CN	Issued	LSI Corporation
L10-0070US1	Dec 27, 1996	08774036	Nov 2, 1999	5976943	US	Issued	LSI Corporation
L10-0070US2	Jun 26, 1997	08883403	Dec 29, 1998	5854510	US	Issued	LSI Corporation
L10-0070US3	Apr 3, 1998	09055018	Mar 16, 1999	5882998	US	Issued	LSI Corporation
L10-0070JP1	Dec 12, 1997	97342851	Jun 22, 2007	3973744	JP	Issued	LSI Corporation
L10-0071US1	Jan 9, 1997	08781129	Feb 17, 1998	5719525	US	Issued	LSI Corporation
L10-0072US1	Oct 11, 1995	08540714	Jan 27, 1998	5713030	US	Issued	LSI Corporation
L10-0073US1	Feb 3, 1995	08383385	May 6, 1997	5628029	US	Issued	LSI Corporation
L10-0078US1	Apr 4, 2002	10116596	Feb 7, 2006	6996524	US	Issued	LSI Corporation
L10-0078JP1	Mar 25, 2002	02580312	May 23, 2008	4127792	JP	Issued	LSI Corporation
L10-0078UK1	Mar 25, 2002	027131416	Jun 21, 2006	1386313	GB	Issued	LSI Corporation
L10-0078FR1	Mar 25, 2002	027131416	Jun 21, 2006	1386313	FR	Issued	LSI Corporation
L10-0078DE1	Mar 25, 2002	027131416	Jun 21, 2006	60212617.7	DE	Issued	LSI Corporation
L10-0078CN1	Mar 25, 2002	20028011023	Feb 1, 2006	2002801102.3	CN	Issued	LSI Corporation
L10-0079US1	Nov 21, 2005	10558145	Oct 21, 2008	7439759	US	Issued	LSI Corporation
L10-0079GB1	May 17, 2004	047334123	Aug 29, 2007	1631912	GB	Issued	LSI Corporation
L10-0079FR1	May 17, 2004	047334123	Aug 29, 2007	1631912	FR	Issued	LSI Corporation
L10-0079DE1	May 17, 2004	047334123	Aug 29, 2007	602004008621.5	DE	Issued	LSI Corporation
L10-0079CN1	May 17, 2004	2004800148145	May 6, 2009	ZL200480014814.5	CN	Issued	LSI Corporation
L10-0080US1	Mar 3, 2000	09517884	Sep 5, 2006	7103769	US	Issued	LSI Corporation
L10-0081US1	Feb 16, 2001	09785845	May 11, 2004	6735653	US	Issued	LSI Corporation
L10-0082US1	Jun 3, 2005	10537601	Jun 24, 2008	7392029	US	Issued	LSI Corporation
L10-0082KR1	Nov 26, 2003	20057009959	Jun 15, 2011	10-1043526	KR	Issued	LSI Corporation
L10-0082UK1	Nov 26, 2003	037725496	May 9, 2007	1570591	GB	Issued	LSI Corporation
L10-0082FR1	Nov 26, 2003	037725496	May 9, 2007	1570591	FR	Issued	LSI Corporation
L10-0082DE1	Nov 26, 2003	037725496	May 9, 2007	60313801.2	DE	Issued	LSI Corporation
L10-0082CN1	Nov 26, 2003	2003801051142	Jan 20, 2010	ZL200380105114.2	CN	Issued	LSI Corporation
L09-0628US1	Aug 6, 2010	12852371			US	Pending	LSI Corporation
L09-0642US1	Sep 8, 2010	12877965			US	Pending	LSI Corporation
L09-0646US1	Aug 25, 2010	12868220	Sep 25, 2012	8275925	US	Issued	LSI Corporation
L09-0651US1	Apr 5, 2010	12753977			US	Pending	LSI Corporation
L07-0479KR	Mar 3, 2008	20107001865	Mar 8, 2013	1243936	KR	Issued	LSI Logic Corporation
L05-1570US2	Jan 28, 2010	12695396	May 15, 2012	8181138	US	Issued	LSI Logic Corporation
L09-0771US1	Apr 19, 2010	12763050	Apr 9, 2013	8418019	US	Issued	LSI Corporation
L09-0772US1	Jun 9, 2010	12796906	Dec 18, 2012	8336018	US	Issued	LSI Corporation
L09-0776US1	Mar 30, 2010	12750654	Apr 17, 2012	8161351	US	Issued	LSI Corporation
L09-0800US1	Mar 30, 2010	12750675			US	Pending	LSI Corporation
L09-0821US1	Jul 21, 2010	12840535	Jun 5, 2012	8196086	US	Issued	LSI Corporation
L09-0167US1	Mar 11, 2010	12721712	Dec 25, 2012	8341457	US	Issued	LSI Corporation
L09-0427US1	Mar 10, 2010	12721143			US	Pending	LSI Corporation
L09-0773US1	Apr 28, 2010	12768754	Sep 13, 2011	8020031	US	Issued	LSI Corporation
L08-0241KR1	Dec 12, 2008	1020107006846	Jul 4, 2014	10-1418467	KR	Issued	LSI Corporation
L08-0241JP1	Dec 12, 2008	2011522962	Sep 13, 2013	5363573	JP	Issued	LSI Corporation
L08-0241EP1	Dec 12, 2008	088767223			EP	Pending	LSI Corporation
L08-0241CN1	Dec 12, 2008	2008801064323	Dec 18, 2013	ZL2008801064323	CN	Issued	LSI Corporation
L08-1293KR1	Dec 12, 2008	1020107006847	Jul 4, 2014	10-1418466	KR	Issued	LSI Corporation
L08-1293JP1	Dec 12, 2008	2011522963	May 24, 2013	5276173	JP	Issued	LSI Corporation
L08-1293EP1	Dec 12, 2008	088767231			EP	Pending	LSI Corporation
L08-1293CN1	Dec 12, 2008	2008801064573	Sep 4, 2013	ZL 200880106457.3	CN	Issued	LSI Corporation
L08-1057KR1	Apr 2, 2009	1020107022706			KR	Pending	LSI Corporation
L08-1057JP1	Apr 2, 2009	2011552924	Mar 28, 2014	5506828	JP	Issued	LSI Corporation
L08-1057EP1	Apr 2, 2009	098059850			EP	Pending	LSI Corporation
L08-1057CN1	Apr 2, 2009	2009801003432			CN	Pending	LSI Corporation
L10-0069JP1	Nov 2, 2000	2001540939	Apr 8, 2011	4717309	JP	Issued	LSI Corporation
L07-1703-US	Jan 16, 2010	12669482	Jul 5, 2011	7973692	US	Issued	LSI Logic Corporation
L07-2117-KR	Oct 27, 2008	1020107002746			KR	Pending	LSI Logic Corporation
L09-0586US2	Mar 23, 2010	12729606	Jun 11, 2013	8462819	US	Issued	LSI Corporation
L08-0457KR1	Jan 23, 2009	20107002851	Apr 4, 2014	10-1384438	KR	Issued	LSI Corporation
L09-0433US1	Apr 28, 2010	12768852	Mar 19, 2013	8401025	US	Issued	LSI Corporation
L09-0405US1	Mar 24, 2010	12730286	Apr 2, 2013	8411705	US	Issued	LSI Corporation
L08-0959US2	Feb 11, 2010	12673022	Feb 18, 2014	8654969	US	Issued	LSI Corporation
L08-0554JP1	Jan 29, 2010	201017547			JP	Pending	LSI Corporation
L08-0457EP1	Jan 23, 2009	098013709			EP	Pending	LSI Corporation
L08-0429US2	Oct 8, 2010	12900827	May 28, 2013	8452006	US	Issued	LSI Corporation
L09-0146US1	Apr 26, 2010	12767757	Sep 3, 2013	8527831	US	Issued	LSI Corporation
L09-0370CN1	Feb 11, 2010	2010101093039			CN	Pending	LSI Corporation
L09-0412US1	Jul 2, 2010	12829426	Aug 6, 2013	8504900	US	Issued	LSI Corporation
L09-0413US1	Apr 23, 2010	12766038	Jun 11, 2013	8464142	US	Issued	LSI Corporation
L09-0414US1	Jun 30, 2010	12827652	Jun 4, 2013	8458555	US	Issued	LSI Corporation
L09-0498US1	Apr 26, 2010	12767761	May 14, 2013	8443249	US	Issued	LSI Corporation
L09-0510US1	May 21, 2010	12785416	Mar 19, 2013	8402348	US	Issued	LSI Corporation
L09-0511US1	May 21, 2010	12785418	Feb 19, 2013	8381074	US	Issued	LSI Corporation
L09-0512US1	May 21, 2010	12785413	Feb 19, 2013	8381071	US	Issued	LSI Corporation
L09-0516US1	Sep 27, 2010	12891161	Mar 19, 2013	8402324	US	Issued	LSI Corporation
L09-0607US1	Nov 11, 2011	13294332	Jul 1, 2014	8768990	US	Issued	LSI Corporation
L09-0608US1	Jun 29, 2010	12826026	Jul 30, 2013	8499226	US	Issued	LSI Corporation
L09-0625US1	Nov 9, 2010	12942344			US	Pending	LSI Corporation
L07-1774CN1	Jun 6, 2008	200880111276X			CN	Pending	LSI Logic Corporation
L09-0513US1	Jul 14, 2010	12835989	Dec 31, 2013	8621289	US	Issued	LSI Corporation
L09-0515US1	Oct 25, 2010	12910993			US	Pending	LSI Corporation
L09-0615US1	Nov 23, 2010	12952205	Oct 23, 2012	8296480	US	Issued	LSI Corporation
L09-0617US1	Nov 23, 2010	12952206			US	Pending	LSI Corporation
L09-0689US1	Nov 23, 2010	12952207	Jan 8, 2013	8352689	US	Issued	LSI Corporation
L09-0692US1	Nov 23, 2010	12952202			US	Pending	LSI Corporation
P-3262-JP-1D	Feb 1, 2010	2010020234			JP	Pending	LSI Logic Corporation
L07-1703-CN	Jun 6, 2008	2008801112774	Feb 26, 2014	ZL200880111277.4	CN	Issued	LSI Logic Corporation
L07-2491-JP	Oct 27, 2008	2010538010	Mar 8, 2013	5216100	JP	Issued	LSI Logic Corporation
L07-2491-KR	Oct 28, 2008	1020107004018			KR	Pending	LSI Logic Corporation

L07-2491-EP	Oct 27, 2008	088630827				EP	Pending	LSI Logic Corporation
L07-2117-EPO	Oct 27, 2008	088638390				EP	Pending	LSI Logic Corporation
L07-2117-JP	Oct 27, 2008	2010539543	Jan 18, 2013	5178844		JP	Issued	LSI Logic Corporation
L07-1703-KR	Jun 6, 2008	20107007010				KR	Pending	LSI Logic Corporation
L07-1744JP1	Jun 8, 2008	2011512430	Apr 12, 2013	5244233		JP	Issued	LSI Logic Corporation
L07-1744EP1	Jun 6, 2008	087567582				EP	Pending	LSI Logic Corporation
L07-1744KR1	Jun 6, 2008	20107007009				KR	Pending	LSI Logic Corporation
L06-1807-DE	Jun 12, 2008	1120080017077				DE	Pending	LSI Logic Corporation
L07-1703-JP	Jun 6, 2008	2011512431	Apr 5, 2013	5237443		JP	Issued	LSI Logic Corporation
L07-1703-EPO	Jun 6, 2008	087567657				EP	Pending	LSI Logic Corporation
L09-0656US2	Mar 2, 2010	12716257	Aug 14, 2012	8243536		US	Issued	LSI Corporation
L09-0660US2	Mar 2, 2010	12716265	Aug 14, 2012	8243546		US	Issued	LSI Corporation
L09-0657US2	Mar 2, 2010	12716259	Oct 15, 2013	8560765		US	Issued	LSI Corporation
L10-0144US1	Oct 10, 1995	08541675	Sep 15, 1998	5809080		US	Issued	LSI Corporation
L06-1807-JP	Jun 12, 2008	2010513196	Dec 28, 2012	5165755		JP	Issued	LSI Logic Corporation
L06-1807-KR	Jun 12, 2008	1020107001488	Nov 18, 2013	10-1332232		KR	Issued	LSI Logic Corporation
L06-1807-CN	Jun 12, 2008	200880101671X	May 8, 2013	ZL 200880101671.X		CN	Issued	LSI Logic Corporation
L06-1807-GB	Jun 12, 2008	10010056	Dec 5, 2012	2464037		GB	Issued	LSI Logic Corporation
L09-0696US2	Mar 17, 2010	12725534	Feb 28, 2012	8125241		US	Issued	LSI Corporation
L08-1293US2	Mar 10, 2010	12677322	Jun 11, 2013	8464129		US	Issued	LSI Corporation
L08-1377US2	Apr 27, 2010	12767985	Oct 9, 2012	8286004		US	Issued	LSI Corporation
L08-1254US2	Apr 27, 2010	12768058	Aug 20, 2013	8516264		US	Issued	LSI Corporation
L09-0537US2	Jul 21, 2010	12840498	Apr 8, 2014	8693126		US	Issued	LSI Corporation
L02-4469/2C	Mar 22, 2010	12728445	Jul 26, 2011	7986754		US	Issued	LSI Logic Corporation
L09-0402US1	Jul 7, 2010	12831439				US	Pending	LSI Corporation
L09-0397US1	Jun 15, 2010	12815514	Feb 19, 2013	8381080		US	Issued	LSI Corporation
L09-0398US1	Sep 6, 2010	12876169	Oct 8, 2013	8555026		US	Issued	LSI Corporation
L09-0418US1	Jun 4, 2010	12793839	Dec 10, 2013	8607202		US	Issued	LSI Corporation
L09-0638US1	Jul 17, 2010	12838435	Nov 6, 2012	8305130		US	Issued	LSI Corporation
L09-0682US1	Jul 17, 2010	12838438	Aug 19, 2014	8810975		US	Pending	LSI Corporation
L09-0434US1	Sep 13, 2010	12880942	Feb 19, 2013	8380911		US	Issued	LSI Corporation
L09-0438US1	Jun 18, 2010	12818180	Jul 9, 2013	8484404		US	Issued	LSI Corporation
L09-0440US1	Jun 17, 2010	12817207				US	Pending	LSI Corporation
L09-0441US1	Sep 8, 2010	12877842	Jul 30, 2013	8499199		US	Issued	LSI Corporation
L09-0455US1	Jun 24, 2010	12822349	Feb 11, 2014	8650146		US	Issued	LSI Corporation
L09-0461US1	Jul 20, 2010	12839566	Dec 11, 2012	8332546		US	Issued	LSI Corporation
L09-0488US1	Jul 30, 2010	12847661	Jun 12, 2012	8199422		US	Issued	LSI Corporation
L09-0489US1	Jul 30, 2010	12847676	Nov 1, 2011	8049982		US	Issued	LSI Corporation
L09-0495US1	Jul 6, 2010	12831038	Apr 1, 2014	8689161		US	Issued	LSI Corporation
L09-0496US1	Nov 17, 2010	12947948	Oct 16, 2012	8289051		US	Issued	LSI Corporation
L09-0500US1	May 5, 2010	12774175	Apr 16, 2013	8422536		US	Issued	LSI Corporation
L09-0480US1	Oct 11, 2010	12901588	Jul 9, 2013	8484008		US	Issued	LSI Corporation
L09-0483US1	Aug 27, 2010	12869820	May 13, 2014	8724745		US	Issued	LSI Corporation
L08-1211US2	Mar 31, 2010	12751966				US	Allowed	LSI Corporation
L08-1211US3	Mar 31, 2010	12751973	Aug 6, 2013	8504885		US	Issued	LSI Corporation
L09-0424CN1	May 19, 2010	2010101855386				CN	Pending	LSI Corporation
L09-0424JP1	Jun 10, 2010	2010132919	Dec 20, 2013	5437922		JP	Issued	LSI Corporation
L09-0424TW1	Apr 21, 2010	099112529				TW	Pending	LSI Corporation
L09-0424KR1	May 28, 2010	1020100050032	Dec 6, 2013	10-1340865		KR	Issued	LSI Corporation
L09-0424EP1	Mar 4, 2011	111570743				EP	Pending	LSI Corporation
L08-0243KR1	Apr 8, 2009	1020107008092				KR	Pending	LSI Corporation
L08-0243JP1	Apr 8, 2009	2011523008				JP	Pending	LSI Corporation
L08-0243EP1	Apr 8, 2009	098069990				EP	Pending	LSI Corporation
L08-0243CN1	Apr 8, 2009	2009801008116	Jan 22, 2014	ZL 200980100811.6		CN	Issued	LSI Corporation
L09-0696CN1	Apr 28, 2010	2010101745117				CN	Pending	LSI Corporation
L09-0696JP1	May 26, 2010	2010119949	Dec 6, 2013	5425705		JP	Issued	LSI Corporation
L09-0096EP1	Sep 1, 2010	101749224				EP	Pending	LSI Corporation
L09-0361US2	Aug 23, 2010	12861072	Jul 31, 2012	8233228		US	Issued	LSI Corporation
L08-0642EP1	Jan 9, 2009	098279029				EP	Pending	LSI Corporation
L08-0642KR1	Jan 9, 2009	1020107013560				KR	Pending	LSI Corporation
L08-0642CN1	Jan 9, 2009	2009801010370				CN	Pending	LSI Corporation
L08-0642JP1	Jan 9, 2009	2011536341	Mar 20, 2014	5502883		JP	Issued	LSI Corporation
L05-2142/1D	Jun 1, 2010	12791260	Nov 27, 2012	8321826		US	Issued	LSI Logic Corporation
L08-0457CN1	Jan 23, 2009	2009801005387				CN	Pending	LSI Corporation
L09-0143US1	Jul 6, 2010	12830840				US	Pending	LSI Corporation
L09-0144US1	Oct 26, 2010	12912513	Dec 31, 2013	8619935		US	Issued	LSI Corporation
L09-0328US1	Aug 17, 2010	12857941	Apr 23, 2013	8429624		US	Issued	LSI Corporation
L09-0158US1	Jun 1, 2010	12791244	Aug 14, 2012	8244948		US	Issued	LSI Corporation
L09-0336US1	Aug 31, 2010	12873110	May 1, 2012	8171176		US	Issued	LSI Corporation
L09-0341US1	Jul 14, 2010	12836274	Jul 11, 2012	8332792		US	Issued	LSI Corporation
L09-0376US1	Aug 6, 2010	12851571				US	Pending	LSI Corporation
L09-0399US1	Jul 30, 2010	12847700	Dec 9, 2013	8483266		US	Issued	LSI Corporation
L09-0404US1	Sep 2, 2010	12874374	Nov 19, 2013	8588290		US	Issued	LSI Corporation
L09-0453US1	Aug 23, 2010	12860987				US	Pending	LSI Corporation
L09-0454US1	Aug 30, 2010	12870880				US	Pending	LSI Corporation
L09-0531US1	Sep 28, 2010	12892455				US	Allowed	LSI Corporation
L09-0395US1	Aug 25, 2010	12862798	Jul 8, 2014	8775742		US	Issued	LSI Corporation
L10-0240US1	Dec 3, 2010	12959374	Apr 22, 2014	8707083		US	Issued	LSI Corporation
L08-1100EP1	Oct 26, 2010	101889475				EP	Pending	LSI Corporation
L08-1100CN1	Jun 18, 2010	2010102082830				CN	Pending	LSI Corporation
L08-1100KR1	Jun 25, 2010	1020100060412	Mar 19, 2014	10-1378007		KR	Issued	LSI Corporation
L08-1100JP1	Jun 8, 2010	2010130632	Aug 2, 2013	5330319		JP	Issued	LSI Corporation
L08-1100TW1	May 27, 2010	099117070	Dec 21, 2013	1420878		TW	Issued	LSI Corporation
L08-1097EP1	Sep 29, 2010	101816056				EP	Pending	LSI Corporation
L08-1097CN1	Jun 18, 2010	2010102082968				CN	Pending	LSI Corporation
L08-1097KR1	Jun 29, 2010	1020100061670				KR	Pending	LSI Corporation
L08-1097JP1	Jun 28, 2010	20101045789	Mar 20, 2014	5501115		JP	Issued	LSI Corporation
L08-1097TW1	May 27, 2010	099117071				TW	Pending	LSI Corporation
L09-0449CN1	May 20, 2010	2010101815694				CN	Pending	LSI Corporation
L09-0449EP1	May 21, 2010	101636421				EP	Pending	LSI Corporation
L09-0449JP1	May 21, 2010	2010116834	Mar 7, 2014	5489862		JP	Issued	LSI Corporation
L09-0449KR1	May 20, 2010	20100047438	Feb 2, 2012	10-1114791		KR	Issued	LSI Corporation
L09-0449TW1	May 6, 2010	099114550	Dec 11, 2013	1418985		TW	Issued	LSI Corporation
L09-0368US1	Jul 29, 2010	12846271	Jun 5, 2012	8194339		US	Issued	LSI Corporation
L09-0621US1	Jun 2, 2010	12792555	Jun 26, 2012	8208213		US	Issued	LSI Corporation
L09-0127US1	Nov 4, 2010	12939548	Jul 8, 2014	8776060		US	Issued	LSI Corporation
L09-0139US1	Aug 5, 2010	12851425	Oct 30, 2012	8300349		US	Issued	LSI Corporation
L07-2334/1D	May 5, 2010	12774024	Jun 12, 2012	8199644		US	Issued	LSI Logic Corporation

L09-0573US7	Apr 29, 2010	12769882			US	Pending	LSI Corporation
L09-0332US2	Aug 17, 2010	12857716	Oct 9, 2012	8285892	US	Issued	LSI Corporation
L09-0663US2	May 5, 2010	12774077	Feb 19, 2013	8381077	US	Issued	LSI Corporation
L09-0662US2	May 5, 2010	12774065	Jul 30, 2013	8499220	US	Issued	LSI Corporation
L09-0630US1	Aug 31, 2010	12872722			US	Pending	LSI Corporation
L09-0633US1	Aug 5, 2010	12851455	Dec 4, 2012	8325432	US	Issued	LSI Corporation
L09-0407US1	Sep 10, 2010	12879110	Jul 24, 2012	8228750	US	Issued	LSI Corporation
L09-0416US1	Jul 15, 2010	12836587	Jun 3, 2014	8745207	US	Issued	LSI Corporation
L09-0387US1	Aug 13, 2010	12855806			US	Pending	LSI Corporation
L09-0649US1	Aug 16, 2010	12856782	Jan 1, 2013	8345373	US	Issued	LSI Corporation
L08-0457JP1	May 7, 2010	2011539495	Jul 12, 2013	5314158	JP	Issued	LSI Corporation
L09-0659US2	May 5, 2010	12774055	May 8, 2012	8174912	US	Issued	LSI Corporation
L09-0674US1	Dec 30, 2010	12982129	Dec 3, 2013	8599959	US	Issued	LSI Corporation
L09-0699US1	Jun 30, 2010	12827364	May 20, 2014	8732701	US	Issued	LSI Corporation
L09-0396US1	Sep 17, 2010	12885153	Apr 2, 2013	8412994	US	Issued	LSI Corporation
L04-1630/1D	May 12, 2010	12778422	Dec 11, 2012	8331458	US	Issued	LSI Logic Corporation
L02-6029/2D	Apr 20, 2010	12764004	Oct 25, 2011	8043968	US	Issued	LSI Logic Corporation
L09-126978US1	Sep 29, 2010	12893153	Oct 9, 2012	8284622	US	Issued	LSI Corporation
L09-0457US1	Aug 3, 2010	12849142	Aug 20, 2013	8516028	US	Issued	LSI Corporation
L05-0806/2C	May 13, 2010	12779312	Nov 12, 2013	8584068	US	Issued	LSI Logic Corporation
L09-0374US1	Dec 2, 2010	12958402	May 28, 2013	8451652	US	Issued	LSI Corporation
L09-0493US1	Aug 31, 2010	12872000			US	Pending	LSI Corporation
L09-0370JP1	May 11, 2010	2010111048	Jan 24, 2014	5462703	JP	Issued	LSI Corporation
L09-0562US1	Dec 30, 2010	12981486	Mar 12, 2013	8397025	US	Issued	LSI Corporation
L09-0529US1	Aug 12, 2010	12855201	Jul 30, 2013	8499139	US	Issued	LSI Corporation
L09-0723US1	Aug 31, 2010	12872731	Dec 10, 2013	8606989	US	Issued	LSI Corporation
L10-0060JP1	Apr 25, 2000	2000615908			JP	Pending	LSI Corporation
L10-0059JP1	Dec 7, 2000	20010552447			JP	Pending	LSI Corporation
L10-0003JP1	Jan 16, 2002	2002566846			JP	Pending	LSI Corporation
L10-0063JP1	Apr 29, 2003	2004504340			JP	Pending	LSI Corporation
L10-0064JP1	Apr 3, 2003	2003585079	Apr 3, 2009	4288181	JP	Issued	LSI Corporation
L09-0190EP1	Jun 8, 2010	101652931			EP	Pending	LSI Corporation
L09-0367US1	Sep 13, 2010	12880463	Nov 13, 2012	8310776	US	Issued	LSI Corporation
L09-0521US1	Sep 24, 2010	12889627			US	Pending	LSI Corporation
L09-0528US1	Oct 15, 2010	12905301	Dec 25, 2012	8341573	US	Issued	LSI Corporation
L09-0727RU1	Oct 29, 2010	2010144450			RU	Pending	LSI Corporation
L09-0553US1	Oct 26, 2010	12912147	Apr 23, 2013	8429510	US	Issued	LSI Corporation
L09-0816US1	Sep 14, 2010	12881839			US	Pending	LSI Corporation
L09-1153US1	Mar 9, 2011	13043908	Dec 10, 2013	8605847	US	Issued	LSI Corporation
L10-0005US1	Nov 17, 2010	12948321	Jun 4, 2013	8458399	US	Issued	LSI Corporation
L10-0086US1	Jul 19, 2010	12838547	Jul 2, 2013	8478934	US	Issued	LSI Corporation
L10-0097US1	Oct 26, 2010	12912416			US	Pending	LSI Corporation
L09-0430US2	Jul 28, 2010	12845118	Aug 6, 2013	8504603	US	Issued	LSI Corporation
L08-1442US1	Sep 30, 2010	12894221	Oct 22, 2013	8566378	US	Issued	LSI Corporation
L06-0782/1C	Aug 24, 2010	12861950	Oct 25, 2011	8045062	US	Issued	LSI Logic Corporation
L09-0524US1	Dec 18, 2010	12972432	Mar 12, 2013	8397023	US	Issued	LSI Corporation
L09-0525US1	Dec 18, 2010	12972427	Jun 11, 2013	8463992	US	Issued	LSI Corporation
L09-0742US1	Oct 11, 2010	12901742	Feb 25, 2014	8661071	US	Issued	LSI Corporation
L09-0754US1	Oct 6, 2010	12899104	Mar 19, 2013	8402183	US	Issued	LSI Corporation
L09-0372US1	Sep 28, 2010	12891821			US	Pending	LSI Corporation
L09-0793US1	Nov 8, 2010	12941221			US	Pending	LSI Corporation
L09-0771KR1	Jul 8, 2010	20100065917	Oct 31, 2013	10-1326335	KR	Issued	LSI Corporation
L09-0802US1	Sep 15, 2010	12882515	Feb 25, 2014	8661169	US	Issued	LSI Corporation
L09-0803US1	Sep 3, 2010	12875400	Dec 10, 2013	8607033	US	Issued	LSI Corporation
L09-0780US1	Sep 21, 2010	12887369	Oct 23, 2012	8295001	US	Issued	LSI Corporation
L10-0108US1	Sep 21, 2010	12887330			US	Pending	LSI Corporation
L10-0120US1	Sep 23, 2010	12889276	Jun 5, 2012	8193961	US	Issued	LSI Corporation
L10-0121US1	Sep 23, 2010	12889288	Oct 15, 2013	8560589	US	Issued	LSI Corporation
L10-0123US1	Oct 11, 2010	12901791	Feb 26, 2013	8385014	US	Issued	LSI Corporation
L10-0253US1	Aug 5, 2010	12851475	Oct 22, 2013	8566381	US	Issued	LSI Corporation
L10-0113US1	Sep 21, 2010	12887327	Aug 7, 2012	8237597	US	Issued	LSI Corporation
L10-0004US1	Oct 15, 2010	12905086	Apr 9, 2013	8417989	US	Issued	LSI Corporation
L10-0087US1	Oct 13, 2010	12903846	Jun 18, 2013	8468524	US	Issued	LSI Corporation
L10-0088US1	Oct 13, 2010	12903863	Apr 9, 2013	8417862	US	Issued	LSI Corporation
L10-0089US1	Nov 11, 2010	12944061			US	Pending	LSI Corporation
L10-0140US1	Jan 3, 2011	12968538	Sep 10, 2013	8532240	US	Issued	LSI Corporation
L10-0105US1	Nov 8, 2010	12941217	Apr 29, 2014	8711906	US	Issued	LSI Corporation
L10-0208US1	Dec 21, 2010	12974943			US	Pending	LSI Corporation
L09-0806US1	Sep 17, 2010	12884460	Oct 15, 2013	8560754	US	Issued	LSI Corporation
L10-0122US1	Oct 25, 2010	12910878			US	Pending	LSI Corporation
L10-0125US1	Oct 30, 2010	12916491	May 27, 2014	8738816	US	Issued	LSI Corporation
L10-0148US1	Nov 16, 2010	12947617	Jul 23, 2013	8495324	US	Issued	LSI Corporation
L10-0155US1	Oct 1, 2010	12896449	Apr 1, 2014	8689040	US	Issued	LSI Corporation
L10-0130US1	Nov 24, 2010	12954028	Aug 19, 2014	8811528	US	Allowed	LSI Corporation
L10-0099US1	Nov 8, 2010	12941104	Apr 9, 2013	8416011	US	Issued	LSI Corporation
L10-0083US1	Feb 15, 2011	13027349			US	Pending	LSI Corporation
L10-0129US1	Nov 17, 2010	12948008	Dec 25, 2012	8339887	US	Issued	LSI Corporation
L10-0164US1	Nov 16, 2010	12946877	Mar 4, 2014	8666082	US	Issued	LSI Corporation
L10-0169US1	Sep 16, 2010	12883720	Sep 3, 2013	8527815	US	Issued	LSI Corporation
L10-0210US1	Sep 17, 2010	12884704	Mar 4, 2014	8667511	US	Issued	LSI Corporation
L09-0724US1	Oct 19, 2010	12907435			US	Pending	LSI Corporation
L09-0437US1	Oct 22, 2010	12910065	May 6, 2014	8719323	US	Issued	LSI Corporation
L09-0190JP1	Jun 8, 2010	2010130841	Mar 7, 2014	5489868	JP	Issued	LSI Corporation
L09-0190KR1	Jun 8, 2010	1020100053772	Dec 20, 2013	10-1345572	KR	Issued	LSI Corporation
L09-0190CN1	Jun 8, 2010	2010102007651			CN	Pending	LSI Corporation
L09-0190TW1	Jun 8, 2010	099118622			TW	Pending	LSI Corporation
L09-0541-TW	Jul 16, 2010	099123434			TW	Pending	LSI Corporation
L05-2006/1D	Aug 27, 2010	12869867	Jun 21, 2011	7966431	US	Issued	LSI Logic Corporation
L05-2006/2D	Aug 27, 2010	12869889	Oct 25, 2011	8046505	US	Issued	LSI Logic Corporation
L10-0121US2	Sep 23, 2010	12889270			US	Pending	LSI Corporation
L07-2376-KR	Dec 23, 2008	20107027877			KR	Pending	LSI Logic Corporation
L07-2376-JP	Dec 23, 2008	2011513475			JP	Pending	LSI Logic Corporation
L07-2376-CN	Dec 23, 2008	2008801276098			CN	Pending	LSI Logic Corporation
L07-2376-EPO	Dec 23, 2008	088746581			EP	Pending	LSI Logic Corporation
L09-0167EP1	Jul 16, 2010	102512837			EP	Pending	LSI Corporation
L10-0000US1	Sep 28, 2010	12891840	Jan 28, 2014	8639986	US	Issued	LSI Corporation
L09-0800EP1	Jul 20, 2010	101701779			EP	Pending	LSI Corporation
L09-0776EP1	Jul 20, 2010	101701829			EP	Pending	LSI Corporation

L09-0771TW1	Jul 5, 2010	99122007	May 11, 2014	I437825	TW	Issued	LSI Corporation
L09-0491TW1	Jul 5, 2010	99122006			TW	Pending	LSI Corporation
L09-0491EP1	Jul 30, 2010	102513694			EP	Pending	LSI Corporation
L09-0771EP1	Jul 29, 2010	102513462			EP	Pending	LSI Corporation
L09-0675US1	Aug 6, 2010	12852378			US	Pending	LSI Corporation
L09-0541-KR	Jul 29, 2010	20100073521			KR	Pending	LSI Corporation
L09-0541-JP	Aug 6, 2010	2010177536			JP	Pending	LSI Corporation
L09-0167TW1	Jul 14, 2010	099123099	Feb 11, 2014	I426380	TW	Issued	LSI Corporation
L09-0167KR1	Aug 11, 2010	20100077088	Jul 29, 2013	10-1292914	KR	Issued	LSI Corporation
L09-0167JP1	Aug 4, 2010	2010175378	Feb 21, 2014	5479265	JP	Issued	LSI Corporation
L09-0167CN1	Aug 23, 2010	2010102597964			CN	Pending	LSI Corporation
L09-0541-CN	Aug 13, 2010	2010102525792			CN	Pending	LSI Corporation
L09-0343US2	Dec 1, 2010	12957569	Dec 25, 2012	8339891	US	Issued	LSI Corporation
L09-0384US2	Sep 9, 2010	12878194	Apr 2, 2013	8412870	US	Issued	LSI Corporation
L09-0385US2	Oct 7, 2010	12899681			US	Pending	LSI Corporation
L08-1538US2	Oct 12, 2010	12902376	Nov 22, 2011	8063659	US	Issued	LSI Corporation
L09-0541EP	Jul 30, 2010	102513553			EP	Pending	LSI Corporation
L09-0391US1	May 12, 2011	13106040	Jun 4, 2013	8458546	US	Issued	LSI Corporation
L09-0611US1	Nov 2, 2010	12938172	Apr 30, 2013	8432210	US	Issued	LSI Corporation
L09-0820US1	Nov 17, 2010	12947890	Jun 25, 2013	8471720	US	Issued	LSI Corporation
L09-0755US1	Nov 23, 2010	12953022	Dec 4, 2012	8327307	US	Issued	LSI Corporation
L09-0858US1	Nov 23, 2010	12953405	Jan 29, 2013	8365046	US	Issued	LSI Corporation
L09-0486US1	Mar 23, 2011	13069552	May 20, 2014	8731068	US	Issued	LSI Corporation
L09-0756US1	Nov 12, 2010	12944762	Sep 3, 2013	8527684	US	Issued	LSI Corporation
L09-0809US2	Dec 28, 2010	12979800	Jul 16, 2013	8489794	US	Issued	LSI Corporation
L09-0810US1	Dec 28, 2010	12979665	Jul 16, 2013	8489792	US	Issued	LSI Corporation
L09-0812US1	Dec 28, 2010	12979551	Jul 16, 2013	8489791	US	Issued	LSI Corporation
L09-0629US1	Oct 1, 2010	12896241	Feb 25, 2014	8661275	US	Issued	LSI Corporation
L09-0807US1	Sep 21, 2010	12887190	Feb 26, 2013	8386708	US	Issued	LSI Corporation
L09-0719US1	Dec 2, 2010	12958433	Apr 29, 2014	8713203	US	Issued	LSI Corporation
L09-0761US1	Nov 24, 2010	12953624	Jan 7, 2014	8624352	US	Issued	LSI Corporation
L09-0779US1	Jan 6, 2011	12985604	Jun 25, 2013	8473792	US	Issued	LSI Corporation
L09-0808US1	Dec 16, 2010	12969836			US	Pending	LSI Corporation
L09-0832US1	Nov 17, 2010	12948176			US	Pending	LSI Corporation
L09-0784US1	Jan 21, 2011	13011195	Oct 22, 2013	8566635	US	Issued	LSI Corporation
L09-0859US1	Dec 2, 2010	12959230			US	Pending	LSI Corporation
L09-0813US1	Nov 17, 2010	12947962			US	Pending	LSI Corporation
L10-0135US1	Nov 2, 2010	12917756	Jun 10, 2014	8750447	US	Issued	LSI Corporation
L10-0166US1	Nov 15, 2010	12946033	Dec 24, 2013	8614858	US	Issued	LSI Corporation
L09-0647US2	Aug 30, 2010	12870975	Oct 2, 2012	8281054	US	Issued	LSI Corporation
L10-0252US1	Nov 29, 2010	12955789	Sep 3, 2013	8526131	US	Issued	LSI Corporation
L09-0827US1	Nov 17, 2010	12947947	Mar 4, 2014	8667039	US	Issued	LSI Corporation
L09-0817US1	Oct 7, 2010	12899746			US	Pending	LSI Corporation
L10-0094US1	Dec 3, 2010	12960214			US	Pending	LSI Corporation
L10-0134US1	Nov 4, 2010	12939863	Nov 26, 2013	8595451	US	Issued	LSI Corporation
L09-0831US1	Dec 20, 2010	12973098	Apr 22, 2014	8704506	US	Issued	LSI Corporation
L09-0850US1	Nov 24, 2010	12953759	Sep 11, 2012	8264862	US	Issued	LSI Corporation
L09-0853US1	Nov 13, 2010	12945842			US	Pending	LSI Corporation
L09-1219US1	Oct 28, 2010	12914070	Sep 3, 2013	8527689	US	Issued	LSI Corporation
L10-0183US1	Oct 19, 2010	12907204			US	Allowed	LSI Corporation
L08-0105EP1	May 19, 2008	087545448			EP	Pending	LSI Corporation
L08-0105US1	Oct 6, 2010	12898905			US	Pending	LSI Corporation
L08-0105JP1	Oct 20, 2010	2010506242	Jan 18, 2013	5179649	JP	Issued	LSI Corporation
L08-0105KR1	May 19, 2008	20107023978			KR	Allowed	LSI Corporation
L10-0184US1	Dec 20, 2010	12972692	Nov 5, 2013	8577402	US	Issued	LSI Corporation
L10-0114US1	Dec 29, 2010	12981355			US	Pending	LSI Corporation
L10-0157US1	Dec 23, 2010	12978165	Jul 9, 2013	8484416	US	Issued	LSI Corporation
L10-0212US1	Dec 16, 2010	12969601	Jun 25, 2013	8473648	US	Issued	LSI Corporation
L10-0242US1	Nov 11, 2010	12944051	Aug 5, 2014	8799631	US	Pending	LSI Corporation
L10-0273US1	Nov 8, 2010	12941112	Jul 15, 2014	8782335	US	Issued	LSI Corporation
L09-0839US1	Dec 22, 2010	12976021	Jun 11, 2013	8464257	US	Issued	LSI Corporation
L10-0187US2	Jun 4, 2011	13153392	Feb 12, 2013	8374050	US	Issued	LSI Corporation
L06-1073-KR	Nov 20, 2008	20107018929	Aug 20, 2012	1177039	KR	Issued	LSI Logic Corporation
L06-1073-CN	Nov 20, 2008	2008801275042	Jul 18, 2012	ZL200880127504.2	CN	Issued	LSI Logic Corporation
L06-1073-JP	Nov 20, 2008	2010548652	Mar 22, 2013	5226087	JP	Issued	LSI Logic Corporation
L09-0486US2	Mar 23, 2011	13069731			US	Pending	LSI Corporation
L09-0681US1	Sep 1, 2010	12873548	Aug 6, 2013	8504737	US	Issued	LSI Corporation
L09-0676US1	Sep 1, 2010	12873450	Jun 4, 2013	8458381	US	Issued	LSI Corporation
L09-0174US1	Dec 21, 2010	12974678	Nov 26, 2013	8594172	US	Issued	LSI Corporation
L09-0337US1	Dec 21, 2010	12974601			US	Pending	LSI Corporation
L09-0392US1	Dec 30, 2010	12982220	Apr 8, 2014	8693593	US	Issued	LSI Corporation
L09-0499US1	Oct 11, 2010	12901816	May 14, 2013	8443250	US	Issued	LSI Corporation
L09-0508US1	Dec 30, 2010	12982240	Apr 22, 2014	8707078	US	Issued	LSI Corporation
L10-0294US2	Mar 14, 2011	13046973	Oct 9, 2012	8283713	US	Issued	LSI Corporation
L10-0284US1	Dec 21, 2010	12973906	May 27, 2014	8738818	US	Issued	LSI Corporation
L10-0269US1	Dec 16, 2010	12969852	Jun 3, 2014	8742535	US	Issued	LSI Corporation
L10-0243US1	Dec 9, 2010	12964431	Oct 16, 2012	8289643	US	Issued	LSI Corporation
L10-0193US1	Nov 16, 2010	12947056			US	Pending	LSI Corporation
L10-0255US1	Nov 30, 2010	12956682	Mar 18, 2014	8677064	US	Issued	LSI Corporation
L10-0149US1	Nov 15, 2010	12946231	Jun 12, 2012	8200872	US	Issued	LSI Corporation
L10-0266US1	May 28, 2011	13118377			US	Pending	LSI Corporation
L09-0855RU1	Dec 2, 2010	20101049150			RU	Pending	LSI Corporation
L10-0138RU1	Mar 1, 2011	2011107568			RU	Pending	LSI Corporation
L09-0814US1	Mar 10, 2011	13044809	Dec 31, 2013	8621329	US	Issued	LSI Corporation
L04-0507-UK	Apr 24, 2002	027258110	Feb 11, 2009	1384357	GB	Issued	LSI Logic Corporation
L08-0481-KR	Jan 9, 2009	20107024531			KR	Pending	LSI Corporation
L08-0481-EPO	Jan 9, 2009	098377401			EP	Pending	LSI Corporation
L06-1568US2	Sep 20, 2010	12885722	Feb 26, 2013	8384226	US	Issued	LSI Logic Corporation
L10-0349US1	Dec 10, 2010	12965136			US	Pending	LSI Corporation
L10-0340US1	Dec 14, 2010	12967155	Nov 12, 2013	8583874	US	Issued	LSI Corporation
L10-0150US1	Dec 21, 2010	12974039	Aug 6, 2013	8503584	US	Issued	LSI Corporation
L10-0107US2	Dec 30, 2010	12981847	Aug 27, 2013	8521931	US	Issued	LSI Corporation
L10-0141US1	Jan 17, 2011	13007687	Jun 25, 2013	8473655	US	Issued	LSI Corporation
L10-0375US2	Nov 30, 2010	12956952	Nov 27, 2012	8321635	US	Issued	LSI Corporation
L10-0325US2	Dec 8, 2010	12963048	Sep 3, 2013	8527698	US	Issued	LSI Corporation
L09-0491CN1	Nov 17, 2010	2010105474701			CN	Pending	LSI Corporation
L09-0491JP1	Nov 18, 2010	2010257420			JP	Pending	LSI Corporation
L02-5679-DE	Nov 14, 2003	030262091	Sep 22, 2010	60334275.2	DE	Issued	LSI Logic Corporation

L05-0152US2	Sep 24, 2010	12890336	Sep 3, 2013	8527912	US	Issued	LSI Logic Corporation
L09-0444US1	Jun 20, 2011	13163853			US	Pending	LSI Corporation
L10-0206US1	Dec 21, 2010	12974441	May 14, 2013	8441842	US	Issued	LSI Corporation
L10-0358US1	Dec 27, 2010	12978719	Aug 13, 2013	8510493	US	Issued	LSI Corporation
L10-0213US1	Oct 26, 2010	12912227			US	Pending	LSI Corporation
L10-0385US1	Oct 28, 2010	12914458	Jul 2, 2013	8478938	US	Issued	LSI Corporation
L05-1332/1D	Oct 22, 2010	12910169	Mar 27, 2012	8144783	US	Issued	LSI Logic Corporation
L06-2089/1D	Nov 19, 2010	12949838	May 7, 2013	8437388	US	Issued	LSI Logic Corporation
L09-0502EP1	Sep 6, 2010	101754026			EP	Pending	LSI Corporation
L09-0502/P1	Sep 2, 2010	2010196946	Nov 8, 2013	5404562	JP	Issued	LSI Corporation
L09-0012US1	Sep 30, 2010	12894458			US	Pending	LSI Corporation
L09-0096KR1	Sep 3, 2010	20100086672	Jul 30, 2013	10-1293445	KR	Issued	LSI Corporation
L08-0481-CN	Jan 9, 2009	2009801206668			CN	Pending	LSI Corporation
L09-0491US2	Sep 21, 2010	12887317	Jan 1, 2013	8345369	US	Issued	LSI Corporation
L09-0502KR1	Sep 10, 2010	20100088798	Sep 14, 2012	10-1184843	KR	Issued	LSI Corporation
L09-0773KR1	Sep 10, 2010	20100089092	Jul 3, 2013	10-1284403	KR	Issued	LSI Corporation
L10-0542US1	Nov 9, 2010	12942125	Nov 19, 2013	8588223	US	Issued	LSI Corporation
L06-1073-EP	Nov 20, 2008	088727722			EP	Pending	LSI Logic Corporation
L09-0773/P1	Sep 2, 2010	2010196949	Aug 31, 2012	5073799	JP	Issued	LSI Corporation
L10-0328US1	Feb 8, 2011	13022824	Oct 22, 2013	8564337	US	Issued	LSI Corporation
L10-0370US1	Apr 25, 2011	13093472	Jan 7, 2014	8627256	US	Issued	LSI Corporation
L10-0452US1	Dec 22, 2010	12976418			US	Pending	LSI Corporation
L10-0085US1	Dec 3, 2010	12960279			US	Pending	LSI Corporation
L10-0404US1	Dec 3, 2010	12960118	Oct 22, 2013	8566496	US	Issued	LSI Corporation
L09-0212US1	Apr 7, 2011	13081651	Feb 11, 2014	8649476	US	Issued	LSI Corporation
L10-0278US1	Apr 29, 2011	13097317	Mar 25, 2014	8681698	US	Issued	LSI Corporation
L10-0319US1	Jun 16, 2011	13161796	Mar 25, 2014	8683291	US	Issued	LSI Corporation
L10-0415US1	Jan 19, 2011	13009067	Dec 4, 2012	8325433	US	Issued	LSI Corporation
L10-0416US1	Dec 20, 2010	12972904	Apr 2, 2013	8411385	US	Issued	LSI Corporation
L10-0387US1	Dec 20, 2010	12972942			US	Pending	LSI Corporation
L10-0456US1	Mar 1, 2011	13037895			US	Pending	LSI Corporation
L10-0207US2	Dec 13, 2010	12965969	May 21, 2013	8446896	US	Issued	LSI Corporation
L09-0623RU1	Dec 24, 2010	2010152794			RU	Pending	LSI Corporation
L10-0170US1	May 28, 2011	13118376	Sep 10, 2013	8533377	US	Issued	LSI Corporation
L10-0305US1	Feb 18, 2011	13031176	Jan 29, 2013	8362803	US	Issued	LSI Corporation
L10-0324US1	Feb 18, 2011	13030278	Apr 17, 2012	8159262	US	Issued	LSI Corporation
L10-0401US1	Dec 21, 2010	12974096			US	Pending	LSI Corporation
L10-0414US1	Feb 22, 2011	13032429	Oct 1, 2013	8547681	US	Issued	LSI Corporation
L10-0249US1	Dec 28, 2010	12979705	Jan 28, 2014	8638136	US	Issued	LSI Corporation
L10-0302US1	May 30, 2011	13118499	Apr 16, 2013	8422319	US	Issued	LSI Corporation
L10-0409US1	Dec 31, 2010	12983080			US	Pending	LSI Corporation
L10-0236US1	Dec 17, 2010	12971355			US	Pending	LSI Corporation
L09-0096CN1	Sep 20, 2010	2010102874897	Oct 30, 2013	ZL2010102874897	CN	Issued	LSI Corporation
L05-0786/1D	Oct 27, 2010	12912791	Sep 13, 2011	8017512	US	Issued	LSI Logic Corporation
L09-0800CN1	Dec 22, 2010	2010106010992			CN	Pending	LSI Corporation
L09-0776CN1	Dec 22, 2010	2010105995234			CN	Pending	LSI Corporation
L09-0771CN1	Dec 22, 2010	2010105996167			CN	Pending	LSI Corporation
L07-2062US2	Nov 2, 2010	12917680	Oct 4, 2011	8030897	US	Issued	LSI Logic Corporation
L08-0091-EPO	Aug 21, 2008	087955068			EP	Pending	LSI Corporation
L08-0091-JP	Aug 21, 2008	2011518689	Sep 13, 2013	5364161	JP	Issued	LSI Corporation
L08-0091-KR	Aug 21, 2008	20117002118	Nov 13, 2013	1331123	KR	Issued	LSI Corporation
L08-0091US2	Jan 4, 2011	12983996	Jul 16, 2013	8489935	US	Issued	LSI Corporation
L09-0491KR1	Jul 7, 2010	20100065520			KR	Pending	LSI Corporation
L10-0590US1	Nov 29, 2010	12955821	Jul 30, 2013	8498072	US	Issued	LSI Corporation
L09-0586CN1	Jan 5, 2011	2011100007596			CN	Pending	LSI Corporation
L09-0586/P1	Jan 6, 2011	2011000880	Nov 2, 2012	5123403	JP	Issued	LSI Corporation
L09-0586KR1	Jan 4, 2011	1020110000364	Oct 19, 2012	10-1194596	KR	Issued	LSI Corporation
L09-0586TW1	Dec 23, 2010	099145638	Feb 21, 2014	1427955	TW	Issued	LSI Corporation
L10-0290US2	Feb 8, 2011	13023457	Dec 31, 2013	8621134	US	Issued	LSI Corporation
L09-0773CN1	Sep 17, 2010	2010102872143	Feb 26, 2014	ZL201010287214.3	CN	Issued	LSI Corporation
L09-0616US1	Nov 23, 2010	12952201	Jun 12, 2012	8200857	US	Issued	LSI Corporation
L09-0690US1	Nov 23, 2010	12952200	Nov 12, 2013	8583839	US	Issued	LSI Corporation
L07-1710-CN	Jan 7, 2009	2009801205595			CN	Pending	LSI Logic Corporation
L07-1710-EPO	Jan 7, 2009	097552913			EP	Pending	LSI Logic Corporation
L07-1710-JP	Jan 7, 2009	2011511657	Oct 12, 2012	5107462	JP	Issued	LSI Logic Corporation
L07-1710-KR	Nov 30, 2010	20107026869	Nov 23, 2012	10-1206556	KR	Issued	LSI Logic Corporation
L07-1881-CN	Nov 19, 2008	2008801298383	Jan 22, 2014	ZL200880129838.3	CN	Issued	LSI Logic Corporation
L07-1881-EPO	Nov 19, 2008	088783253			EP	Pending	LSI Logic Corporation
L07-1881-JP	Nov 19, 2008	2011536301			JP	Pending	LSI Logic Corporation
L07-1881-KR	Nov 19, 2008	20117010181	Dec 5, 2013	10-1340763	KR	Issued	LSI Logic Corporation
L07-2042-CN	Jan 7, 2009	2009801224755			CN	Pending	LSI Logic Corporation
L07-2042-EPO	Jan 7, 2009	098133820			EP	Pending	LSI Logic Corporation
L07-2042-JP	Jan 7, 2009	2011526065	Apr 18, 2014	5525530	JP	Issued	LSI Logic Corporation
L07-2042-KR	Jan 7, 2009	20117005408	Nov 20, 2013	10-1333387	KR	Issued	LSI Logic Corporation
L05-1333/1D	Feb 1, 2011	13018585			US	Pending	LSI Logic Corporation
L10-0295US1	May 30, 2011	13118493	Aug 6, 2013	8504756	US	Issued	LSI Corporation
L09-0773EP1	Oct 28, 2010	101893204			EP	Pending	LSI Corporation
L10-0203US1	Mar 24, 2011	13070554	Jul 29, 2014	8791691	US	Issued	LSI Corporation
L10-0233US1	Feb 10, 2011	13024795	Jul 23, 2013	8493764	US	Issued	LSI Corporation
L10-0405US1	Feb 22, 2011	13031766	Apr 1, 2014	8688762	US	Issued	LSI Corporation
L10-0237US1	Apr 29, 2011	13097728			US	Pending	LSI Corporation
L10-0239US1	Apr 29, 2011	13097743			US	Pending	LSI Corporation
L07-2062-JP	Jul 1, 2008	2011510466	Mar 30, 2012	4960531	JP	Issued	LSI Logic Corporation
L03-1922/D	Jan 4, 2011	12983999	Jul 17, 2012	8223264	US	Issued	LSI Logic Corporation
L10-0286US1	Feb 3, 2011	13020046	Mar 11, 2014	8671263	US	Issued	LSI Corporation
L10-0287US1	Feb 3, 2011	13020063	Dec 25, 2012	8341350	US	Issued	LSI Corporation
L10-0419US1	Jun 17, 2011	13162734	Nov 12, 2013	8583993	US	Issued	LSI Corporation
L10-0308US1	Jan 27, 2011	13014754	Sep 4, 2012	8261171	US	Issued	LSI Corporation
L10-0445US1	Feb 7, 2011	13021814			US	Pending	LSI Corporation
L10-0337US1	Apr 14, 2011	13087233	Jun 5, 2012	8195854	US	Issued	LSI Corporation
L10-0464US1	Mar 3, 2011	13039406			US	Pending	LSI Corporation
L05-2686/1C	Feb 7, 2011	13021972	Jun 19, 2012	8204367	US	Issued	LSI Logic Corporation
L10-0257US1	Dec 30, 2010	12982430			US	Pending	LSI Corporation
L10-0351US1	Feb 7, 2011	13021890	Jul 10, 2012	8219719	US	Issued	LSI Corporation
L10-0395US1	Dec 30, 2010	12982104	Aug 27, 2013	8521933	US	Issued	LSI Corporation
L10-0486US1	Dec 22, 2010	12976788	Mar 5, 2013	8387871	US	Issued	LSI Corporation
L10-0264US1	May 31, 2011	13118603	Nov 12, 2013	8583844	US	Issued	LSI Corporation
L10-0485US1	May 13, 2011	13107157	Jun 3, 2014	8745614	US	Issued	LSI Corporation

L10-0334US1	Dec 27, 2010	12978810	Mar 11, 2014	8671245	US	Issued	LSI Corporation
L10-0330US1	Mar 16, 2011	13048971			US	Pending	LSI Corporation
L09-0459US1	Feb 22, 2011	13031818	May 21, 2013	8446683	US	Issued	LSI Corporation
L10-0100US1	May 5, 2011	13101222			US	Pending	LSI Corporation
L07-2062-KR	Jul 1, 2008	20107026763	Jun 28, 2012	1162704	KR	Issued	LSI Logic Corporation
L10-0335US1	Mar 1, 2011	13037836	Jul 1, 2014	8766436	US	Issued	LSI Corporation
L10-0173US1	Mar 14, 2011	13046972	Oct 15, 2013	8559497	US	Issued	LSI Corporation
L10-0512US1	Feb 22, 2011	13031671	Jan 14, 2014	8630055	US	Issued	LSI Corporation
L10-0205US1	Feb 24, 2011	13034167	Apr 29, 2014	8713506	US	Issued	LSI Corporation
L08-0757US2	Nov 30, 2010	12995225	Sep 17, 2013	8539218	US	Issued	LSI Corporation
L08-0757-JP	Jun 9, 2009	2011518757	Jun 28, 2013	5302397	JP	Issued	LSI Corporation
L08-0757-KR	Jun 9, 2009	1020117000697	Mar 3, 2014	10-1371270	KR	Issued	LSI Corporation
L08-0757-EP	Jun 9, 2009	097984009			EP	Pending	LSI Corporation
L08-0757-CN	Jun 9, 2009	200980127562X	Mar 26, 2014	ZL 200980127562 X	CN	Issued	LSI Corporation
L09-0776KR1	Jan 27, 2011	1020110008165			KR	Pending	LSI Corporation
L09-0776JP1	Feb 14, 2011	201128453			JP	Pending	LSI Corporation
L09-0776TW1	Dec 1, 2010	099141736			TW	Pending	LSI Corporation
L09-0800JP1	Jan 14, 2011	20115519			JP	Pending	LSI Corporation
L09-0800KR1	Mar 30, 2011	20110028802			KR	Pending	LSI Corporation
L09-0800TW1	Dec 1, 2010	099141737			TW	Pending	LSI Corporation
L09-0771JP1	Jan 20, 2011	20119727			JP	Pending	LSI Corporation
L09-0415US2	Sep 3, 2010	12875734	Dec 10, 2013	8605381	US	Issued	LSI Corporation
L10-0467RU1	Mar 1, 2011	2011107569			RU	Pending	LSI Corporation
L08-0610-CN	Oct 30, 2008	200880131818X			CN	Pending	LSI Corporation
L08-0610-EPO	Oct 30, 2008	088778600			EP	Pending	LSI Corporation
L08-0610-JP	Oct 30, 2008	2011534470			JP	Pending	LSI Corporation
L08-0610-KR	Oct 30, 2008	20117012335			KR	Pending	LSI Corporation
L08-0610-US	May 31, 2011	13127055			US	Pending	LSI Corporation
L08-0204-KR	Jun 26, 2008	20107029037	Jul 16, 2013	10-1288721	KR	Issued	LSI Corporation
L09-0408US2	Dec 30, 2010	12982642	Feb 18, 2014	8656233	US	Issued	LSI Corporation
L08-0204-CN	Jun 26, 2008	2008801298241			CN	Pending	LSI Corporation
L07-0524/1D	Dec 16, 2010	12970071	Dec 4, 2012	8324927	US	Issued	LSI Logic Corporation
L10-0544US1	Aug 9, 2011	13205631	Aug 19, 2014	8810231	US	Pending	LSI Corporation
L10-0507US1	Apr 18, 2011	13088422			US	Allowed	LSI Corporation
L10-0443US1	Jun 11, 2011	13158376			US	Pending	LSI Corporation
L10-0495RU1	May 12, 2011	2011118860			RU	Pending	LSI Corporation
L10-0496US1	Apr 20, 2011	13090258			US	Pending	LSI Corporation
L10-0309US1	Mar 17, 2011	13050129			US	Pending	LSI Corporation
L10-0322US1	Mar 17, 2011	13050048	Jun 10, 2014	8749908	US	Issued	LSI Corporation
L08-0204-JP	Jun 26, 2008	2011516234	Sep 6, 2013	5357964	JP	Issued	LSI Corporation
L08-0882US2	Feb 25, 2011	13001295	Jan 21, 2014	8634250	US	Issued	LSI Corporation
L09-0619EP1	Sep 30, 2009	097931950			EP	Pending	LSI Corporation
L09-0619KR1	Sep 30, 2009	20117009708			KR	Pending	LSI Corporation
L09-0619US1	Mar 14, 2011	13063874			US	Pending	LSI Corporation
L08-0882KR1	Jun 30, 2009	20117002541			KR	Pending	LSI Corporation
L09-0517KR1	Jun 30, 2009	20117002545			KR	Pending	LSI Corporation
L08-0769KR1	Jun 30, 2009	20117002516			KR	Pending	LSI Corporation
L09-0727US1	Jun 21, 2011	13165056	Apr 29, 2014	8711941	US	Issued	LSI Corporation
L10-0652US1	Jan 18, 2011	13008706	Feb 18, 2014	8656058	US	Issued	LSI Corporation
L10-0378US1	Jan 31, 2011	13017456	Jan 1, 2013	8346990	US	Issued	LSI Corporation
L10-0382US1	Jan 31, 2011	13017177	Jul 2, 2013	8478911	US	Issued	LSI Corporation
L10-0393US1	Apr 7, 2011	13081941	Jul 23, 2013	8494092	US	Issued	LSI Corporation
L10-0527US1	Apr 8, 2011	13083301	Sep 24, 2013	8543761	US	Issued	LSI Corporation
L10-0310US1	Mar 17, 2011	13050765	Apr 8, 2014	8693120	US	Issued	LSI Corporation
L06-0979US2	Dec 15, 2010	12969424	May 17, 2011	7944237	US	Issued	LSI Logic Corporation
L08-0769US2	Feb 25, 2011	13001300	Mar 18, 2014	8677056	US	Issued	LSI Corporation
L10-0392US1	Apr 30, 2012	13459871	May 27, 2014	8737549	US	Issued	LSI Corporation
L08-0769EP1	Jun 30, 2009	097743934			EP	Pending	LSI Corporation
L08-0769CN1	Jun 30, 2009	2009801325046			CN	Pending	LSI Corporation
L08-0769JP1	Jun 30, 2009	2011516837			JP	Pending	LSI Corporation
L08-0769IL1	Jun 30, 2009	210395			IL	Pending	LSI Corporation
L09-0517US1	Feb 25, 2011	13001317	Jul 22, 2014	8788923	US	Issued	LSI Corporation
L09-0711US1	Jan 28, 2011	13016472	May 28, 2013	8453096	US	Issued	LSI Corporation
L09-0635US1	Jan 28, 2011	13016071	Jun 3, 2014	8743634	US	Issued	LSI Corporation
L10-0499US1	Aug 24, 2011	13216392			US	Pending	LSI Corporation
L10-0504US1	Feb 24, 2011	13033797	Jun 11, 2013	8461922	US	Issued	LSI Corporation
L10-0400US1	Mar 28, 2011	13073077	Dec 17, 2013	8611482	US	Issued	LSI Corporation
L10-0493US1	Mar 2, 2011	13038662	Aug 20, 2013	8514652	US	Issued	LSI Corporation
L10-0502US1	Feb 22, 2011	13031807	Mar 19, 2013	8400856	US	Issued	LSI Corporation
L10-0474US1	Feb 22, 2011	13031798	Jan 7, 2014	8625333	US	Issued	LSI Corporation
L10-0528US1	Mar 9, 2011	13043731	Nov 19, 2013	8588024	US	Issued	LSI Corporation
L08-0752CN1	Jun 9, 2009	2009801329598	Apr 30, 2014	ZL200980132959.8	CN	Issued	LSI Corporation
L08-0752EP1	Jun 9, 2009	097983993			EP	Pending	LSI Corporation
L08-0752JP1	Jun 9, 2009	2011518756	Nov 8, 2013	5404783	JP	Issued	LSI Corporation
L08-0752KR1	Jun 9, 2009	1020117003477			KR	Pending	LSI Corporation
L08-0882JP1	Jun 30, 2009	2011516838			JP	Pending	LSI Corporation
L09-0517EP1	Jun 30, 2009	097743983			EP	Pending	LSI Corporation
L08-0882EP2	Jul 21, 2009	097906911			EP	Pending	LSI Corporation
L08-0882EP1	Jun 30, 2009	097743959			EP	Pending	LSI Corporation
L09-0517CN1	Jun 30, 2009	2009801325050			CN	Pending	LSI Corporation
L09-0517IL1	Jun 30, 2009	210396			IL	Pending	LSI Corporation
L09-0517JP1	Jun 30, 2009	2011516840			JP	Pending	LSI Corporation
L09-0370TW1	May 24, 2010	099116527			TW	Pending	LSI Corporation
L08-0204-EPO	Jun 26, 2008	087797908			EP	Pending	LSI Corporation
L08-0882CN2	Jul 21, 2009	2009801282553	May 28, 2014	ZL200980128255.3	CN	Issued	LSI Corporation
L08-0882JP2	Jul 21, 2009	2011520143	Mar 14, 2014	5496198	JP	Issued	LSI Corporation
L08-0882CN1	Jun 30, 2009	2009801327234			CN	Pending	LSI Corporation
L08-0882KR2	Jul 21, 2009	20117001676			KR	Pending	LSI Corporation
L10-0105-EP1	Jan 14, 2011	111509261			EP	Pending	LSI Corporation
L09-0259US2	Apr 7, 2011	13082148	Jul 22, 2014	8788753	US	Issued	LSI Corporation
L09-0165US1	Mar 17, 2011	13050175			US	Pending	LSI Corporation
L10-0599US1	Mar 31, 2011	13076578			US	Pending	LSI Corporation
L10-0462US1	Apr 6, 2011	13081095			US	Pending	LSI Corporation
L10-0420US1	Apr 15, 2011	13088119			US	Pending	LSI Corporation
L10-0484US1	Apr 28, 2011	13096873	Oct 22, 2013	8565047	US	Issued	LSI Corporation
L10-0509US1	Apr 13, 2011	13085777	Jun 24, 2014	8762730	US	Issued	LSI Corporation
L10-0513US1	Apr 11, 2011	13083804			US	Pending	LSI Corporation
L10-0566US1	Mar 8, 2011	13042697			US	Pending	LSI Corporation

L10-0534US1	Mar 17, 2011	13050265	Dec 24, 2013	8615640	US	Issued	LSI Corporation
L10-0520US1	Apr 11, 2011	13083864	Jun 25, 2013	8473645	US	Issued	LSI Corporation
L10-0515US1	Mar 28, 2011	13073045	Dec 3, 2013	8601210	US	Issued	LSI Corporation
L10-0612US1	Apr 15, 2011	13088146	Dec 17, 2013	8611033	US	Issued	LSI Corporation
L10-0563US1	Apr 15, 2011	13088178	Mar 11, 2014	8670955	US	Issued	LSI Corporation
L10-0429US1	Apr 28, 2011	13096900			US	Pending	LSI Corporation
L09-0526US1	May 3, 2011	13099956	Jun 24, 2014	8762136	US	Issued	LSI Corporation
L10-0578US1	Feb 25, 2011	13034917	Feb 26, 2013	8385144	US	Issued	LSI Corporation
L10-0630US1	Apr 29, 2011	13097269			US	Pending	LSI Corporation
L10-0536US1	Apr 28, 2011	13096404			US	Pending	LSI Corporation
L10-0421US2	Apr 28, 2011	13096454			US	Pending	LSI Corporation
L10-0541US2	Apr 8, 2011	13083394			US	Pending	LSI Corporation
L10-0476US1	Apr 8, 2011	13083407	May 27, 2014	8738843	US	Issued	LSI Corporation
L09-0242CN1	Feb 17, 2011	2011100409166	Apr 2, 2014	ZL 201110040916.6	CN	Issued	LSI Corporation
L09-0242KR1	Feb 16, 2011	1020110013586	Aug 30, 2013	10-1304187	KR	Issued	LSI Corporation
L10-0409CN1	Mar 24, 2011	2011100714614			CN	Pending	LSI Corporation
L10-0409EP1	Nov 17, 2011	111894911			EP	Pending	LSI Corporation
L10-0409JP1	Mar 11, 2011	201154004			JP	Pending	LSI Corporation
L10-0409KR1	Mar 28, 2011	1020110027716			KR	Pending	LSI Corporation
L10-0409TW1	Feb 17, 2011	100105301			TW	Pending	LSI Corporation
L09-0242EP1	Feb 3, 2011	110008430			EP	Pending	LSI Corporation
L09-0242JP1	Feb 18, 2011	201132708	Aug 3, 2012	5055447	JP	Issued	LSI Corporation
L09-0242TW1	Feb 18, 2011	100105513	Apr 1, 2014	1433138	TW	Issued	LSI Corporation
L08-0436CN1	Aug 14, 2008	2008801311778			CN	Pending	LSI Corporation
L08-0436EP1	Aug 14, 2008	087978847			EP	Pending	LSI Corporation
L08-0436JP1	Aug 14, 2008	2011522952			JP	Pending	LSI Corporation
L08-0436KR1	Aug 14, 2008	1020117003375			KR	Pending	LSI Corporation
L09-0272CN1	Apr 25, 2011	2011101029179			CN	Pending	LSI Corporation
L09-0272JP1	Apr 1, 2011	201181511			JP	Pending	LSI Corporation
L09-0272KR1	Mar 29, 2011	20110028191			KR	Pending	LSI Corporation
L09-0272TW1	Mar 23, 2011	100109975			TW	Pending	LSI Corporation
L09-0272EP1	May 24, 2011	111672127			EP	Pending	LSI Corporation
L09-0271TW1	Mar 4, 2011	100107440	Feb 11, 2014	1426507	TW	Issued	LSI Corporation
L09-0271KR1	Mar 21, 2011	10201100224792	Jul 26, 2013	10-1292030	KR	Issued	LSI Corporation
L09-0271JP1	Mar 23, 2011	201163505	Nov 16, 2012	5134103	JP	Issued	LSI Corporation
L09-0271EP1	Feb 12, 2011	110011590			EP	Pending	LSI Corporation
L09-0271CN1	Mar 22, 2011	2011100681841	May 14, 2014	ZL201110068184.1	CN	Issued	LSI Corporation
L08-0283-CN	Dec 23, 2008	2008801314282			CN	Pending	LSI Corporation
L08-0283-EP	Dec 23, 2008	088765250			EP	Pending	LSI Corporation
L08-0283-JP	Dec 23, 2008	2011534480			JP	Pending	LSI Corporation
L08-0283-KR	Dec 23, 2008	20117009972			KR	Pending	LSI Corporation
L08-0282-CN	Dec 23, 2008	200880131286X	Nov 27, 2013	ZL200880131286X	CN	Issued	LSI Corporation
L08-0282-EP	Dec 23, 2008	088765243			EP	Pending	LSI Corporation
L08-0282-JP	Dec 23, 2008	2011530037			JP	Pending	LSI Corporation
L08-0282-KR	Dec 23, 2008	20117007252			KR	Pending	LSI Corporation
L10-0628US1	Jun 22, 2011	13165883	Feb 19, 2013	8380668	US	Issued	LSI Corporation
L10-0648US1	Apr 6, 2011	13080808	May 20, 2014	8732520	US	Issued	LSI Corporation
L10-0356US1	Apr 25, 2011	13093274	Jan 28, 2014	8639970	US	Issued	LSI Corporation
L10-0649US1	Apr 15, 2011	13087723			US	Pending	LSI Corporation
L10-0665US1	Jun 28, 2011	13170526			US	Pending	LSI Corporation
L10-0666US1	May 12, 2011	13106542			US	Pending	LSI Corporation
L10-0695US1	Mar 4, 2011	13041052			US	Pending	LSI Corporation
L10-0516US1	Aug 23, 2011	13215803	Jun 18, 2013	8467141	US	Issued	LSI Corporation
L10-0533US1	Aug 23, 2011	13215806	May 20, 2014	8730077	US	Issued	LSI Corporation
L10-0540US1	Aug 23, 2011	13215810			US	Pending	LSI Corporation
L10-0405US2	Feb 22, 2011	13032148	Feb 5, 2013	8370526	US	Issued	LSI Corporation
L10-0632US1	May 3, 2011	13100021	Mar 4, 2014	8665544	US	Issued	LSI Corporation
L10-0714US1	May 23, 2011	13113219			US	Pending	LSI Corporation
L10-0635US1	Apr 13, 2011	13085616	Jul 8, 2014	8775493	US	Issued	LSI Corporation
L10-0613US1	Jun 17, 2011	13163198			US	Allowed	LSI Corporation
L10-0687US1	Apr 14, 2011	13086737	May 13, 2014	8724722	US	Issued	LSI Corporation
L10-0708RU1	Apr 22, 2011	2011115796			RU	Pending	LSI Corporation
L10-0617US1	Jul 18, 2011	13185019	Jul 30, 2013	8497704	US	Issued	LSI Corporation
L10-0686RU1	May 6, 2011	2011118108			RU	Pending	LSI Corporation
L10-0692RU1	May 5, 2011	2011117765			RU	Pending	LSI Corporation
L10-0703RU1	Apr 26, 2011	2011116257			RU	Pending	LSI Corporation
L10-0706RU1	Jul 13, 2011	2011128806			RU	Pending	LSI Corporation
L10-0633US1	Jun 21, 2011	13165195	Dec 3, 2013	8598941	US	Issued	LSI Corporation
L10-0673US1	May 9, 2011	13103461	Nov 19, 2013	8589853	US	Issued	LSI Corporation
L10-0522US1	Dec 21, 2011	13333294			US	Pending	LSI Corporation
L10-0543US1	Dec 21, 2011	13333604			US	Pending	LSI Corporation
L10-0060FR1	Apr 25, 2000	009294430	Feb 10, 2010	1092194	FR	Issued	LSI Corporation
L10-0060DE1	Apr 25, 2000	009294430	Feb 10, 2010	60043805.8	DE	Issued	LSI Corporation
L10-0060UK1	Apr 25, 2000	009294430	Feb 10, 2010	1092194	GB	Issued	LSI Corporation
L04-1521US1	Nov 30, 2004	10999468	Jan 1, 2008	7315993	US	Issued	LSI Logic Corporation
L10-0639US1	Aug 23, 2011	13215815			US	Pending	LSI Corporation
L09-0270EP1	Feb 19, 2011	110013877			EP	Pending	LSI Corporation
L09-0270JP1	Mar 25, 2011	201166866	Nov 16, 2012	5134105	JP	Issued	LSI Corporation
L09-0270KR1	Mar 22, 2011	1020110025165	Jul 26, 2013	10-1292031	KR	Issued	LSI Corporation
L09-0270CN1	Mar 22, 2011	2011100693001	Nov 6, 2013	ZL2011100693001	CN	Issued	LSI Corporation
L09-0270TW1	Mar 7, 2011	100107608	Apr 1, 2014	1433139	TW	Issued	LSI Corporation
L10-0404TW1	Feb 10, 2011	100104369	Jul 11, 2014	1444833	TW	Issued	LSI Corporation
L05-1471US2	Feb 17, 2011	13029291	Feb 4, 2014	8644390	US	Issued	LSI Logic Corporation
L10-0428US1	Jun 29, 2011	13172221	Mar 11, 2014	8671333	US	Issued	LSI Corporation
L10-0418US1	Jun 21, 2011	13164965			US	Pending	LSI Corporation
L10-0394US1	May 23, 2011	13113210			US	Pending	LSI Corporation
L10-0355US1	May 3, 2011	13099948	Mar 12, 2013	8397196	US	Issued	LSI Corporation
L10-0503US1	Jun 21, 2011	13165500	May 14, 2013	8441281	US	Issued	LSI Corporation
L10-0506US1	Jun 29, 2011	13171725			US	Pending	LSI Corporation
L10-0491US1	Jul 19, 2011	13186310	Apr 23, 2013	8427223	US	Issued	LSI Corporation
L10-0500US1	May 10, 2011	13104624			US	Pending	LSI Corporation
L10-0611US1	Jun 1, 2011	13151115	Feb 25, 2014	8661175	US	Issued	LSI Corporation
L10-0441US1	Jun 24, 2011	13167764	Oct 15, 2013	8560929	US	Issued	LSI Corporation
L08-0882US3	May 25, 2011	13001310	Aug 5, 2014	8797795	US	Allowed	LSI Corporation
L10-0411US1	Jun 24, 2011	13167775	Oct 22, 2013	8566665	US	Issued	LSI Corporation
L10-0440US1	Jun 24, 2011	13167771	Jul 30, 2013	8499231	US	Issued	LSI Corporation
L05-2154US2	Mar 3, 2011	13039606	Jul 10, 2012	8218650	US	Issued	LSI Logic Corporation
L10-0283US2	Jul 19, 2011	13186174			US	Pending	LSI Corporation

L08-0612-CN	Nov 13, 2008	2008801316199			CN	Pending	LSI Corporation
L08-0612-EPO	Nov 13, 2008	088781836			EP	Pending	LSI Corporation
L08-0612-JP	Nov 13, 2008	2011536293	Apr 18, 2014	5523468	JP	Issued	LSI Corporation
L08-0612-KR	Nov 13, 2008	1020117010667			KR	Pending	LSI Corporation
L10-0404KR1	Mar 3, 2011	20110018995	Mar 19, 2014	10-1378270	KR	Issued	LSI Corporation
L08-0612-US	Mar 4, 2011	13062298			US	Pending	LSI Corporation
L10-0404JP1	Mar 3, 2011	2011046608	Feb 21, 2014	5480834	JP	Issued	LSI Corporation
L09-0502TW1	Sep 7, 2010	099129108			TW	Pending	LSI Corporation
L09-0575CN1	Apr 11, 2011	2011100888546	Dec 26, 2012	ZL 201110088854.6	CN	Issued	LSI Corporation
L09-0575JP1	Apr 12, 2011	201187901	Sep 27, 2013	5373845	JP	Issued	LSI Corporation
L09-0575KR1	Apr 8, 2011	10201110032569	Apr 24, 2013	10-1259367	KR	Issued	LSI Corporation
L09-0575TW1	Mar 24, 2011	100110209			TW	Allowed	LSI Corporation
L10-0253TW1	Mar 17, 2011	100109120			TW	Pending	LSI Corporation
L10-0308CN1	Apr 14, 2011	2011100927894			CN	Pending	LSI Corporation
L10-0247US1	Jul 19, 2011	13186445	Sep 17, 2013	8537487	US	Issued	LSI Corporation
L10-0524US1	Apr 13, 2011	13085683			US	Pending	LSI Corporation
L10-0716US1	Apr 29, 2011	13097434	Nov 12, 2013	8583966	US	Issued	LSI Corporation
L10-0192US1	May 24, 2011	13114834	Jun 11, 2013	8464202	US	Issued	LSI Corporation
L10-0488US1	Oct 17, 2011	13274422			US	Pending	LSI Corporation
L10-0577US2	Apr 28, 2011	13096698			US	Allowed	LSI Corporation
L10-0323US1	May 3, 2011	13100063			US	Pending	LSI Corporation
L10-0689US1	Apr 13, 2011	13085713			US	Pending	LSI Corporation
L10-0569US1	May 25, 2011	13115260	Oct 15, 2013	8560750	US	Issued	LSI Corporation
L10-0572US1	Jul 11, 2011	13180499	Apr 23, 2013	8427886	US	Issued	LSI Corporation
L10-0471US1	Dec 19, 2011	13330436			US	Pending	LSI Corporation
L10-0530US1	May 12, 2011	13106208	Sep 17, 2013	8539135	US	Issued	LSI Corporation
L10-0253CN1	Apr 14, 2011	2011100928223			CN	Pending	LSI Corporation
L10-0253EP1	May 4, 2011	112750740			EP	Pending	LSI Corporation
L10-0253JP1	May 11, 2011	2011106028			JP	Pending	LSI Corporation
L10-0253KR1	May 24, 2011	20110049100			KR	Pending	LSI Corporation
L10-0694US1	Apr 21, 2011	13091381	Mar 18, 2014	8677461	US	Issued	LSI Corporation
L10-0435US1	Aug 4, 2011	13197830	Oct 22, 2013	8566673	US	Issued	LSI Corporation
L10-0518US1	Sep 15, 2011	13233224			US	Pending	LSI Corporation
L10-0658US1	May 26, 2011	13116818	Feb 4, 2014	8644017	US	Issued	LSI Corporation
L10-0661US1	Jun 8, 2011	13156157	Oct 8, 2013	8549831	US	Issued	LSI Corporation
L11-0010US1	Jun 28, 2011	13170852	May 6, 2014	8717752	US	Issued	LSI Corporation
L08-0286US1	Mar 16, 2011	13049206			US	Pending	LSI Corporation
L10-0651US1	Aug 25, 2011	13217650			US	Pending	LSI Corporation
L09-0522TW1	Mar 23, 2011	100109844	Nov 11, 2012	1376683	TW	Issued	LSI Corporation
L09-0523TW1	Mar 24, 2011	100110077	Sep 11, 2012	1372339	TW	Issued	LSI Corporation
L11-0032US1	May 25, 2011	13115418	Aug 19, 2014	8812707	US	Pending	LSI Corporation
L09-0523JP1	Mar 25, 2011	201168013	Apr 6, 2012	4965722	JP	Issued	LSI Corporation
L09-0522JP1	Mar 25, 2011	201168012	Mar 23, 2012	4955822	JP	Issued	LSI Corporation
L09-0096TW1	Sep 1, 2010	99129505	Mar 21, 2014	1431294	TW	Issued	LSI Corporation
L09-0523KR1	Mar 25, 2011	201127186	Jun 15, 2012	1158838	KR	Issued	LSI Corporation
L09-0522KR1	Mar 25, 2011	201127103	Jun 28, 2012	1162702	KR	Issued	LSI Corporation
L11-0076US1	May 13, 2011	13107473	Oct 22, 2013	8566686	US	Issued	LSI Corporation
L10-0608US1	Jun 10, 2011	13157663	Sep 3, 2013	8527685	US	Issued	LSI Corporation
L09-0522CN1	Mar 28, 2011	2011100760383	Dec 4, 2013	ZL 201110076038.3	CN	Issued	LSI Corporation
L09-0523CN1	Mar 28, 2011	201110075786X			CN	Pending	LSI Corporation
L11-0082US1	Jun 29, 2011	13172413			US	Pending	LSI Corporation
L10-0201US1	May 9, 2011	13103623	Nov 19, 2013	8589722	US	Issued	LSI Corporation
L10-0549US1	Jun 8, 2011	13156061	Jun 3, 2014	8745282	US	Issued	LSI Corporation
L10-0450US1	Jun 29, 2011	13171922			US	Pending	LSI Corporation
L11-0043US1	Apr 28, 2011	13096126	Apr 8, 2014	8694723	US	Issued	LSI Corporation
L11-0044US1	May 17, 2011	13109645	Jul 1, 2014	8769199	US	Issued	LSI Corporation
L11-0088US1	May 20, 2011	13112446	Jul 15, 2014	8782658	US	Issued	LSI Corporation
L11-0068US1	May 18, 2011	13110049			US	Pending	LSI Corporation
L11-0037US1	Oct 18, 2011	13275715			US	Pending	LSI Corporation
L10-0288US1	Jul 19, 2011	13186146	Feb 19, 2013	8379498	US	Issued	LSI Corporation
L10-0398US1	Jun 30, 2011	13174537	Feb 11, 2014	8650451	US	Issued	LSI Corporation
L11-0045US1	Jul 11, 2011	13180495	Oct 22, 2013	8566666	US	Issued	LSI Corporation
L11-0078US1	Jan 4, 2012	13343591	Aug 5, 2014	8798129	US	Allowed	LSI Corporation
L10-0436US1	Oct 12, 2011	13271640	Apr 29, 2014	8713340	US	Issued	LSI Corporation
L10-0531US1	Aug 16, 2011	13210721	Dec 10, 2013	8605539	US	Issued	LSI Corporation
L10-0408US1	Jun 30, 2011	13174453	Nov 26, 2013	8595576	US	Issued	LSI Corporation
L11-0055US1	Jun 20, 2011	13164345	Jul 29, 2014	8793546	US	Issued	LSI Corporation
L10-0571US1	Jun 30, 2011	13173088	Jul 30, 2013	8498071	US	Issued	LSI Corporation
L11-0048US1	Jun 21, 2011	13165284	Mar 11, 2014	8671320	US	Issued	LSI Corporation
L11-0046US1	Jun 30, 2011	13173144	May 27, 2014	8738978	US	Issued	LSI Corporation
L10-0629US1	Jul 11, 2011	13180311	Jun 24, 2014	8762440	US	Issued	LSI Corporation
L10-0650US1	Jun 30, 2011	13174273	May 28, 2013	8451158	US	Issued	LSI Corporation
L10-0576US1	Sep 30, 2011	13250246			US	Pending	LSI Corporation
L10-0654US1	Jun 29, 2011	13171615			US	Pending	LSI Corporation
L08-0286KR1	Nov 20, 2008	20117007450			KR	Pending	LSI Corporation
L10-0308EP1	May 4, 2011	112750732			EP	Pending	LSI Corporation
L10-0308KR1	Apr 29, 2011	20110041030			KR	Pending	LSI Corporation
L10-0308TW1	Apr 25, 2011	100114295			TW	Pending	LSI Corporation
L10-0308JP1	May 12, 2011	2011106759			JP	Pending	LSI Corporation
L09-0646CN	Mar 28, 2011	2011100751149			CN	Pending	LSI Corporation
L09-0647CN1	Mar 28, 2011	2011100750979			CN	Pending	LSI Corporation
L09-0523EP1	Mar 25, 2011	111597183			EP	Pending	LSI Corporation
L09-0647EP1	Aug 25, 2011	111789103			EP	Pending	LSI Corporation
L09-0773TW1	Sep 28, 2010	099132835	Mar 21, 2014	1431468	TW	Issued	LSI Corporation
L09-0647KR1	Aug 24, 2011	20110084522	May 15, 2013	10-1266572	KR	Issued	LSI Corporation
L09-0646TW1	Mar 7, 2011	100107605			TW	Pending	LSI Corporation
L09-0646JP1	Apr 27, 2011	201199060	Mar 22, 2013	5225427	JP	Issued	LSI Corporation
L09-0646KR1	Aug 24, 2011	20110084651	Jul 11, 2013	10-1287353	KR	Issued	LSI Corporation
L10-0497US2	Sep 13, 2011	13231097	May 20, 2014	8731040	US	Issued	LSI Corporation
L10-0235US1	Jul 6, 2011	13176874			US	Pending	LSI Corporation
L10-0555US1	Jun 14, 2011	13159670	Nov 26, 2013	8595407	US	Issued	LSI Corporation
L10-0562US1	May 24, 2011	13114321	Jan 21, 2014	8635383	US	Issued	LSI Corporation
L10-0623US1	Nov 1, 2011	13286990	Oct 22, 2013	8566816	US	Issued	LSI Corporation
L10-0655US1	Jan 27, 2012	13359895			US	Pending	LSI Corporation
L10-0669US2	Jul 11, 2011	13179653	Apr 30, 2013	8432229	US	Issued	LSI Corporation
L10-0711RU1	Jul 2, 2012	2012127578			RU	Issued	LSI Corporation
L11-0000US1	Nov 1, 2011	13286402			US	Pending	LSI Corporation
L11-0001US1	Jun 14, 2011	13159653			US	Pending	LSI Corporation

L11-0002US1	Dec 5, 2011	13311102	Apr 22, 2014	8707133	US	Issued	LSI Corporation
L11-0034US1	Jul 7, 2011	13178258	Jul 2, 2013	8478939	US	Issued	LSI Corporation
L10-0663US1	Mar 27, 2012	13431614	Apr 29, 2014	8711645	US	Issued	LSI Corporation
L10-0462CN1	Jun 21, 2011	2011101668685			CN	Pending	LSI Corporation
L10-0462JP1	Aug 31, 2011	2011188119			JP	Pending	LSI Corporation
L10-0462KR1	Jun 27, 2011	1020110062092			KR	Pending	LSI Corporation
L10-0462TW1	Jun 7, 2011	100119849			TW	Pending	LSI Corporation
L10-0541EP1	Dec 20, 2011	111946489			EP	Pending	LSI Corporation
L10-0541JP1	Jul 21, 2011	2011188119			JP	Pending	LSI Corporation
L10-0541KR1	Jun 27, 2011	1020110062099			KR	Pending	LSI Corporation
L10-0541TW1	Jun 7, 2011	100119850			TW	Pending	LSI Corporation
L10-0462EP1	Dec 20, 2011	111946505			EP	Pending	LSI Corporation
L10-0476EP1	Dec 20, 2011	111946455			EP	Pending	LSI Corporation
L10-0476JP1	Jun 29, 2011	2011143809			JP	Pending	LSI Corporation
L10-0476KR1	Jun 27, 2011	1020110062097			KR	Pending	LSI Corporation
L10-0404CN1	Apr 7, 2011	2011100860625			CN	Pending	LSI Corporation
L08-1171EP1	Apr 28, 2009	098441413			EP	Pending	LSI Corporation
L08-1171JP1	Apr 28, 2009	2012508443			JP	Pending	LSI Corporation
L08-1171KR1	Apr 28, 2009	20117016033			KR	Pending	LSI Corporation
L08-1171CN1	Apr 28, 2009	2009801527936			CN	Pending	LSI Corporation
L10-0712US1	Mar 13, 2013	13800167			US	Pending	LSI Corporation
L10-0709US1	Aug 3, 2012	13566146			US	Pending	LSI Corporation
L09-0604JP1	May 27, 2011	2011118591			JP	Pending	LSI Corporation
L09-0604KR1	May 27, 2011	20110050557			KR	Pending	LSI Corporation
L09-0604CN1	May 27, 2011	2011101393413			CN	Pending	LSI Corporation
L09-0604EP1	May 24, 2011	111672119			EP	Pending	LSI Corporation
L09-0604TW1	May 23, 2011	100118014			TW	Pending	LSI Corporation
L03-0717US4	May 18, 2011	13110581	Sep 18, 2012	8269280	US	Issued	LSI Logic Corporation
L10-0592US1	Sep 20, 2011	13236914	Feb 12, 2013	8373441	US	Issued	LSI Corporation
L10-0439US2	Aug 25, 2011	13217857	Aug 6, 2013	8502372	US	Issued	LSI Corporation
L11-0023US1	Dec 23, 2011	13336793			US	Pending	LSI Corporation
L11-0020US1	Dec 23, 2011	13336826			US	Pending	LSI Corporation
L11-0049US1	Sep 1, 2011	13223418	Aug 13, 2013	8508308	US	Issued	LSI Corporation
L10-0336US1	Sep 28, 2011	13247439	Nov 26, 2013	8595604	US	Issued	LSI Corporation
L10-0545US1	Aug 22, 2011	13214365	Nov 12, 2013	8581832	US	Issued	LSI Corporation
L10-0580US1	Oct 24, 2011	13279975	Apr 1, 2014	8687470	US	Issued	LSI Corporation
L11-0052US1	Aug 17, 2011	13211869	May 14, 2013	8441903	US	Issued	LSI Corporation
L11-0258US2	Aug 24, 2011	13216336	Oct 22, 2013	8566658	US	Issued	LSI Corporation
L11-0093US1	Jun 13, 2011	13158621			US	Pending	LSI Corporation
L11-0193US1	Jun 30, 2011	13173184			US	Pending	LSI Corporation
L11-0311US1	Jun 22, 2011	13166146			US	Pending	LSI Corporation
L11-0104US1	Jul 18, 2011	13184939	Jan 7, 2014	8627035	US	Issued	LSI Corporation
L11-0067US1	Jul 11, 2011	13179709			US	Pending	LSI Corporation
L11-0310US1	Oct 31, 2011	13286109			US	Pending	LSI Corporation
L10-0601US1	Apr 30, 2012	13460204			US	Allowed	LSI Corporation
L10-0626US1	Nov 14, 2011	13296022	Apr 15, 2014	8700981	US	Issued	LSI Corporation
L10-0698US1	Sep 8, 2011	13227538	Feb 25, 2014	8661324	US	Issued	LSI Corporation
L11-0091US1	Oct 17, 2011	13274443	Apr 22, 2014	8707144	US	Issued	LSI Corporation
L11-0101US1	Jul 19, 2011	13185562	Sep 3, 2013	8526133	US	Issued	LSI Corporation
L11-0110US1	Aug 19, 2011	13213751			US	Pending	LSI Corporation
L11-0202US1	Aug 29, 2011	13220142			US	Pending	LSI Corporation
L11-0297US1	Nov 28, 2011	13305551			US	Pending	LSI Corporation
L10-0653US1	Feb 23, 2012	13403358	Apr 8, 2014	8692598	US	Issued	LSI Corporation
L11-0063US1	Sep 7, 2011	13227416	Feb 18, 2014	8656249	US	Issued	LSI Corporation
L11-0094US1	Aug 19, 2011	13213789	Dec 17, 2013	8612843	US	Issued	LSI Corporation
L11-0106US1	Aug 19, 2011	13213808	Sep 17, 2013	8539328	US	Issued	LSI Corporation
L11-0313US1	Sep 23, 2011	13242983			US	Pending	LSI Corporation
L11-0120US1	Sep 22, 2011	13240895	Feb 4, 2014	8644434	US	Issued	LSI Corporation
L11-0259US1	Dec 22, 2011	13334885			US	Pending	LSI Corporation
L11-0090US1	Jun 23, 2011	13167354			US	Pending	LSI Corporation
L07-2143US2	May 17, 2011	13109041	Oct 18, 2011	8041871	US	Issued	LSI Logic Corporation
L09-0846US1	May 12, 2011	13106119			US	Pending	LSI Corporation
L11-0009US1	Jul 12, 2011	13180660			US	Pending	LSI Corporation
L09-0642TW1	Jun 20, 2011	100121469			TW	Pending	LSI Corporation
L09-0642KR1	Sep 8, 2011	20110091422			KR	Pending	LSI Corporation
L09-0642EP1	Sep 8, 2011	111805529			EP	Pending	LSI Corporation
L09-0642CN1	Jul 4, 2011	2011101853883			CN	Pending	LSI Corporation
L09-1206US1	Jul 8, 2011	13178812			US	Pending	LSI Corporation
L09-0845US1	May 25, 2011	13115359			US	Pending	LSI Corporation
L09-0569TW1	Jun 20, 2011	100121509	Jul 21, 2013	1402965	TW	Issued	LSI Corporation
L08-1536US2	Jul 1, 2011	13174970	Feb 26, 2013	8384205	US	Issued	LSI Corporation
L08-0371KR1	Mar 13, 2009	20117012128	Nov 29, 2013	101337736	KR	Issued	LSI Corporation
L10-0360US1	Jul 19, 2011	13186267	Mar 11, 2014	8669891	US	Issued	LSI Corporation
L11-0028US1	Oct 12, 2011	13272209			US	Pending	LSI Corporation
L11-0064US1	Sep 22, 2011	13239683			US	Pending	LSI Corporation
L11-0077US1	Nov 3, 2011	13288096	Jun 24, 2014	8761237	US	Issued	LSI Corporation
L11-0336US1	Sep 8, 2011	13227557			US	Pending	LSI Corporation
L11-0340US1	Jul 18, 2011	13184646	Jul 29, 2014	8793295	US	Issued	LSI Corporation
L11-0371US1	Sep 8, 2011	13228097	Mar 18, 2014	8677200	US	Issued	LSI Corporation
L11-0373US1	Sep 26, 2011	13244985	Apr 22, 2014	8705672	US	Issued	LSI Corporation
L11-0379US1	Aug 17, 2011	13211480			US	Pending	LSI Corporation
L11-0396US1	Dec 9, 2011	13315831			US	Allowed	LSI Corporation
L11-0402US1	Jul 21, 2011	13187640			US	Pending	LSI Corporation
L11-0435US1	Aug 31, 2011	13222663	Dec 24, 2013	8615693	US	Issued	LSI Corporation
L11-0436US1	Aug 18, 2011	13212364			US	Pending	LSI Corporation
L11-0012US1	Aug 16, 2011	13210664	Jun 11, 2013	8461893	US	Issued	LSI Corporation
L10-0591US1	Jul 19, 2011	13186251			US	Pending	LSI Corporation
L10-0564US1	Jul 19, 2011	13186234			US	Pending	LSI Corporation
L10-0498US1	Sep 6, 2011	13226038	May 27, 2014	8738940	US	Issued	LSI Corporation
L09-0772KR1	May 31, 2011	201152186	Jan 10, 2014	1352413	KR	Issued	LSI Corporation
L07-1046US2	Jun 1, 2011	13150607	Apr 16, 2013	8423933	US	Issued	LSI Logic Corporation
L09-0590EP1	Jul 20, 2011	111747341			EP	Pending	LSI Corporation
L09-0590CN1	Jul 18, 2011	2011101997470			CN	Pending	LSI Corporation
L09-0590KR1	Jul 19, 2011	1020110071262			KR	Pending	LSI Corporation
L09-0590JP1	Jul 20, 2011	2011158573			JP	Pending	LSI Corporation
L09-0590TW1	Jun 21, 2011	100121685	Oct 21, 2013	1413222	TW	Issued	LSI Corporation
L10-0273JP1	May 31, 2011	2011121870			JP	Pending	LSI Corporation
L09-0856US1	May 26, 2011	13116253	Apr 15, 2014	8700969	US	Issued	LSI Corporation

L08-0371CN1	Mar 13, 2009	2009801476440				CN	Pending	LSI Corporation
L08-1488JP1	May 31, 2011	2012505869	Aug 30, 2013	5351331		JP	Issued	LSI Corporation
L09-0847US1	Jun 9, 2011	13156580	Apr 15, 2014	8699396		US	Issued	LSI Corporation
L10-0317US2	Jul 19, 2011	13186197	Mar 25, 2014	8681439		US	Issued	LSI Corporation
L10-0316US2	Jul 19, 2011	13186213				US	Pending	LSI Corporation
L09-0569CN	Jul 15, 2011	2011101979218				CN	Pending	LSI Corporation
L09-0569JP	Jul 19, 2011	2011157508				JP	Pending	LSI Corporation
L09-0569KR	Jul 14, 2011	1020110069793				KR	Pending	LSI Corporation
L09-0569EP	Jul 19, 2011	111745519				EP	Pending	LSI Corporation
L08-0948CN	Jan 23, 2009	2009801487892	Jun 4, 2014	ZL200980148789.2		CN	Issued	LSI Corporation
L09-0855US1	Jun 13, 2011	13158636	Jul 8, 2014	8775914		US	Issued	LSI Corporation
LLC-2299REEX	Apr 27, 2011	90011661	Feb 21, 2012	5452006C1		US	Issued	LSI Logic Corporation
LLC-2299/1C/REEX	Apr 27, 2011	90011662	Dec 13, 2011	5686965		US	Issued	LSI Logic Corporation
L08-0948US2	Jun 13, 2011	13139462	Oct 22, 2013	8566281		US	Issued	LSI Corporation
L11-0513US1	Sep 30, 2011	13250419	Feb 18, 2014	8654471		US	Issued	LSI Corporation
L11-0054US1	Aug 2, 2011	13195980				US	Pending	LSI Corporation
L08-0948KR	Jan 23, 2009	1020117013941	Jan 7, 2014	10-1351222		KR	Issued	LSI Corporation
L08-0948JP	Jan 23, 2009	2011542100	Jan 10, 2014	5452615		JP	Issued	LSI Corporation
L11-0087US1	Oct 12, 2011	13271397	Jun 17, 2014	8756371		US	Issued	LSI Corporation
L11-0526US1	Sep 22, 2011	13240338	Jun 4, 2013	8456230		US	Issued	LSI Corporation
L11-0677US1	Aug 3, 2011	13197009				US	Pending	LSI Corporation
L09-0772JP	Jun 3, 2011	2011125140				JP	Pending	LSI Corporation
L09-0772TW	Jun 7, 2011	100119779				TW	Pending	LSI Corporation
L11-0530US1	Apr 2, 2012	13437537	Feb 18, 2014	8656107		US	Issued	LSI Corporation
L11-0693US1	Apr 9, 2012	13442169				US	Pending	LSI Corporation
L08-1488KR1	May 5, 2009	20117013989				KR	Pending	LSI Corporation
L11-0633US1	Sep 19, 2011	13235628	Apr 1, 2014	8687756		US	Issued	LSI Corporation
L11-0560US1	Feb 21, 2012	13401022				US	Pending	LSI Corporation
L11-0337US1	Oct 28, 2011	13284684				US	Pending	LSI Corporation
L11-0347US1	Oct 26, 2011	13281923	Apr 15, 2014	8699160		US	Issued	LSI Corporation
L09-0772EP1	Jun 8, 2011	111691101				EP	Pending	LSI Corporation
L11-0432US1	Sep 22, 2011	13239719	Jul 1, 2014	8767333		US	Issued	LSI Corporation
L11-0573US1	Nov 14, 2011	13295160	Jun 10, 2014	8751913		US	Issued	LSI Corporation
L11-0514US1	Nov 22, 2011	13302169				US	Pending	LSI Corporation
L10-0538US1	Jan 9, 2012	13346102	Nov 20, 2012	8315128		US	Issued	LSI Corporation
L10-0250US2	Jun 23, 2011	13167013				US	Pending	LSI Corporation
L08-0371JP1	Mar 13, 2009	2011546238	Jun 21, 2013	5297536		JP	Issued	LSI Corporation
L08-0470	Oct 8, 2008	12248016	Aug 30, 2011	8010935		US	Issued	LSI Logic Corporation
L10-0273KR1	Jun 22, 2011	20110060744				KR	Pending	LSI Corporation
L10-0469US1	Aug 15, 2011	13209681				US	Pending	LSI Corporation
L09-0628EP	Jul 28, 2011	111756888				EP	Pending	LSI Corporation
L09-0628KR	Jul 29, 2011	1020110075643				KR	Pending	LSI Corporation
L09-0628JP	Aug 5, 2011	2011171439				JP	Pending	LSI Corporation
L09-0628TW	Jul 13, 2011	100124833				TW	Pending	LSI Corporation
L09-0040KR1	Jul 26, 2011	1020110073944	May 20, 2013	10-1267301		KR	Issued	LSI Corporation
L09-0040TW1	Jul 18, 2011	100125343				TW	Pending	LSI Corporation
L09-0040JP1	Jul 28, 2011	2011164911				JP	Pending	LSI Corporation
L09-0040CN1	Jul 27, 2011	2011102111414				CN	Pending	LSI Corporation
L09-0040EP1	Jul 15, 2011	110058179				EP	Pending	LSI Corporation
L09-0628CN	Aug 2, 2011	2011102189442	Jan 29, 2014	ZL201110218944.2		CN	Issued	LSI Corporation
L11-0354US1	Sep 8, 2011	13228053				US	Pending	LSI Corporation
L10-0664US1	Oct 5, 2011	13253208				US	Pending	LSI Corporation
L11-0189US1	Aug 26, 2011	13218569	Apr 29, 2014	8713257		US	Issued	LSI Corporation
L11-0100US1	Oct 12, 2011	13271327	Apr 29, 2014	8713271		US	Issued	LSI Corporation
L10-0560US2	Oct 6, 2011	13267646				US	Pending	LSI Corporation
L11-0663US1	Sep 26, 2011	13245167				US	Pending	LSI Corporation
L11-0676US1	Oct 4, 2011	13252553				US	Pending	LSI Corporation
L10-0614US1	Oct 27, 2011	13283549				US	Pending	LSI Corporation
L11-0074US1	Apr 23, 2012	13453056				US	Pending	LSI Corporation
L11-0233US1	Sep 23, 2011	13241470	Sep 10, 2013	8532112		US	Issued	LSI Corporation
L11-0361US1	Aug 16, 2011	13210555				US	Pending	LSI Corporation
L10-0383US1	Dec 22, 2011	13334542				US	Pending	LSI Corporation
L10-0391US1	Oct 6, 2011	13267132				US	Pending	LSI Corporation
L10-0636US1	Dec 22, 2011	13335278	May 27, 2014	8739094		US	Issued	LSI Corporation
L10-0396US1	Sep 27, 2011	13246075				US	Pending	LSI Corporation
L10-0620US1	Oct 20, 2011	13277367				US	Pending	LSI Corporation
L11-0017US1	Oct 3, 2011	13251342	Apr 1, 2014	8689062		US	Issued	LSI Corporation
L11-0378US1	Oct 24, 2011	13280023	Aug 5, 2014	8799340		US	Pending	LSI Corporation
L11-0130US1	Nov 18, 2011	13300078	Jun 17, 2014	8756478		US	Issued	LSI Corporation
L11-0062US1	Nov 22, 2011	13302119	May 6, 2014	8719686		US	Issued	LSI Corporation
L10-0699US1	Sep 8, 2011	13227544	Mar 25, 2014	8681441		US	Issued	LSI Corporation
L11-0152US1	Nov 18, 2011	13300180	Jun 11, 2013	8462562		US	Issued	LSI Corporation
L11-0022US1	Jan 19, 2012	13354222				US	Pending	LSI Corporation
L11-0071US1	Dec 28, 2011	13338449				US	Pending	LSI Corporation
L10-0697US1	Oct 31, 2011	13285472	Apr 29, 2014	8711509		US	Issued	LSI Corporation
L10-0473US1	Oct 27, 2011	13283070				US	Pending	LSI Corporation
L10-0589US2	Aug 23, 2011	13215645				US	Pending	LSI Corporation
L10-0476TW1	Jun 7, 2011	100119843				TW	Pending	LSI Corporation
L10-0101US1	Mar 23, 2012	13428862				US	Pending	LSI Corporation
L09-0597TW1	Jul 14, 2011	100124858				TW	Pending	LSI Corporation
L09-0597KR1	Jul 19, 2011	201171627	Aug 3, 2012	1172805		KR	Issued	LSI Corporation
L09-0597JP1	Jul 15, 2011	2011156445	Aug 10, 2012	5059218		JP	Issued	LSI Corporation
L09-0597CN1	Jul 19, 2011	2011102027217				CN	Pending	LSI Corporation
L06-1034/1D	Jun 30, 2011	13173855	Aug 7, 2012	8239813		US	Issued	LSI Logic Corporation
L09-0821JP1	Jul 21, 2010	2011158945				JP	Pending	LSI Corporation
L08-0302US2	Jul 21, 2011	13187657	Sep 4, 2012	8261140		US	Issued	LSI Logic Corporation
L09-0821KR1	Jul 21, 2011	201172482				KR	Pending	LSI Corporation
L09-0821CN1	Jul 21, 2011	201110205798X				CN	Pending	LSI Corporation
L09-0821TW1	Jul 19, 2011	100125423				TW	Pending	LSI Corporation
L11-0059US1	Jun 11, 2012	13493713				US	Pending	LSI Corporation
L11-0871US1	Oct 20, 2011	13277531	Dec 10, 2013	8605817		US	Issued	LSI Corporation
L11-0679US1	Apr 25, 2012	13455744	Mar 4, 2014	8667196		US	Issued	LSI Corporation
L11-0964US1	Mar 30, 2012	13435613				US	Pending	LSI Corporation
L11-0083US1	Oct 28, 2011	13284819				US	Pending	LSI Corporation
L11-0309US1	Oct 28, 2011	13284826				US	Pending	LSI Corporation
L11-0845US1	Oct 28, 2011	13284767	Sep 3, 2013	8527858		US	Issued	LSI Corporation
L11-0738US1	Apr 12, 2012	13445848				US	Pending	LSI Corporation
L11-0767US1	Oct 10, 2011	13269832	Nov 5, 2013	8578241		US	Issued	LSI Corporation

L10-0713US1	Feb 10, 2012	13370670			US	Pending	LSI Corporation
L11-0813US1	Dec 30, 2011	13340951			US	Pending	LSI Corporation
L11-0759US1	Jan 17, 2012	13351798	Apr 29, 2014	8711013	US	Issued	LSI Corporation
L11-0833US1	Oct 25, 2011	13280797			US	Pending	LSI Corporation
L11-0934US1	Oct 28, 2011	13284130			US	Pending	LSI Corporation
L11-0858US1	Nov 1, 2011	13286718			US	Pending	LSI Corporation
L11-0468US1	Mar 13, 2012	13419009			US	Pending	LSI Corporation
L11-0850US1	Sep 28, 2011	13247361	Dec 17, 2013	8610461	US	Issued	LSI Corporation
L11-0434US1	Sep 29, 2011	13248363	May 20, 2014	8732511	US	Issued	LSI Corporation
L10-0442US1	Feb 9, 2012	13369468			US	Pending	LSI Corporation
L10-0625US1	Sep 27, 2011	13246102	Aug 20, 2013	8516424	US	Issued	LSI Corporation
L07-2331US3	Jul 27, 2011	13191947	Feb 26, 2013	8386530	US	Issued	LSI Logic Corporation
L11-1220US1	Apr 18, 2012	13450204	Jul 16, 2013	8487795	US	Issued	LSI Corporation
L09-0623US1	Aug 3, 2011	13197098			US	Pending	LSI Corporation
L09-0721US1	Aug 9, 2011	13205856			US	Pending	LSI Corporation
L09-0669US1	Aug 9, 2011	13205882			US	Pending	LSI Corporation
L11-0987US1	Sep 27, 2011	13246184			US	Pending	LSI Corporation
L11-1020US1	Sep 26, 2011	13245098			US	Pending	LSI Corporation
L11-0099US1	Sep 29, 2011	13248807			US	Pending	LSI Corporation
L11-1033US1	Sep 23, 2011	13241711			US	Pending	LSI Corporation
L11-0940US1	Oct 19, 2011	13276981			US	Pending	LSI Corporation
L11-0753US1	Sep 26, 2011	13245302			US	Pending	LSI Corporation
L11-1003US1	Sep 29, 2011	13248297			US	Pending	LSI Corporation
L11-0970US1	Oct 17, 2011	13274494			US	Pending	LSI Corporation
L11-0769US1	Dec 30, 2011	13340974	Apr 22, 2014	8707123	US	Issued	LSI Corporation
L11-0869US1	Oct 28, 2011	13284754	Mar 25, 2014	8683309	US	Issued	LSI Corporation
L11-1104US1	May 7, 2012	13465214			US	Pending	LSI Corporation
L11-1040US1	Dec 15, 2011	13327279	Jan 7, 2014	8625221	US	Issued	LSI Corporation
L11-0961US1	Nov 15, 2011	13296754			US	Pending	LSI Corporation
L11-0787US1	Nov 29, 2011	13306320	Apr 29, 2014	8711505	US	Issued	LSI Corporation
L11-0859US1	Mar 16, 2012	13422226			US	Pending	LSI Corporation
L11-0860US1	Mar 16, 2012	13422259			US	Pending	LSI Corporation
L11-0795US1	May 30, 2012	13483197			US	Pending	LSI Corporation
L11-0930US1	Dec 6, 2011	13312443	Oct 1, 2013	8548038	US	Issued	LSI Corporation
L09-0357US1	Apr 18, 2012	13449684			US	Pending	LSI Corporation
L11-0610US1	Dec 12, 2011	13316741	Jan 14, 2014	8631300	US	Issued	LSI Corporation
L10-0700US1	Nov 22, 2011	13302691	Apr 1, 2014	8687683	US	Issued	LSI Corporation
L11-0885US1	Dec 29, 2011	13340149			US	Pending	LSI Corporation
L11-0861US1	Mar 16, 2012	13422329			US	Pending	LSI Corporation
L10-0523US1	Nov 14, 2011	13295150	Sep 10, 2013	8531320	US	Issued	LSI Corporation
L03-2426JP-DIV1	Aug 10, 2001	2011166877	Oct 4, 2013	5380500	JP	Issued	LSI Logic Corporation
L05-0951US2	Aug 31, 2011	13222118	Feb 18, 2014	8654853	US	Issued	LSI Logic Corporation
L09-0704US1	Aug 31, 2011	13222050			US	Pending	LSI Corporation
L09-0720US1	Aug 31, 2011	13222132			US	Pending	LSI Corporation
L10-0559US2	Oct 25, 2011	13281301			US	Pending	LSI Corporation
L11-0826US1	Dec 29, 2011	13339790			US	Pending	LSI Corporation
L11-0431US1	Jul 27, 2012	13560631			US	Pending	LSI Corporation
L11-0821US1	Dec 12, 2011	13316858	Oct 15, 2013	8560930	US	Issued	LSI Corporation
L11-0844US1	Dec 12, 2011	13316899			US	Pending	LSI Corporation
L11-0875US1	Feb 1, 2012	13363751			US	Pending	LSI Corporation
L11-0623US1	Jan 19, 2012	13354018	Jan 7, 2014	8626974	US	Issued	LSI Corporation
L11-0428US1	Feb 8, 2012	13368696			US	Pending	LSI Corporation
L11-0455US1	Dec 6, 2011	13312473			US	Pending	LSI Corporation
L11-0215US1	Nov 4, 2011	13289741	Jun 24, 2014	8762771	US	Issued	LSI Corporation
L11-0225US1	Nov 4, 2011	13289677			US	Pending	LSI Corporation
L11-0892US1	Nov 21, 2011	13300804			US	Pending	LSI Corporation
L11-0565US1	Feb 16, 2012	13398509			US	Allowed	LSI Corporation
L11-0617US1	May 28, 2012	13481903			US	Pending	LSI Corporation
L11-0878US1	Jun 18, 2012	13526351			US	Allowed	LSI Corporation
L09-0647TW1	Mar 7, 2011	100107598	Mar 1, 2013	1387961	TW	Issued	LSI Corporation
L10-0138US1	Sep 13, 2011	13231129			US	Pending	LSI Corporation
L11-0017US2	Oct 3, 2011	13251340	Jul 2, 2013	8479086	US	Issued	LSI Corporation
L10-0467US1	Sep 15, 2011	13233417	Aug 12, 2014	8804946	US	Pending	LSI Corporation
L11-0357US1	Nov 1, 2011	13286913			US	Pending	LSI Corporation
L11-1272US1	Nov 22, 2011	13302166			US	Pending	LSI Corporation
L10-0658KR1	Aug 2, 2011	20110077079			KR	Pending	LSI Corporation
L11-0477US1	Nov 15, 2011	13296278	Jul 15, 2014	8782369	US	Issued	LSI Corporation
L11-0877US1	Nov 22, 2011	13302014	Jul 8, 2014	8775876	US	Issued	LSI Corporation
L11-0935US1	Nov 30, 2011	13307955			US	Pending	LSI Corporation
L11-1114US1	Nov 4, 2011	13289617			US	Pending	LSI Corporation
L10-0658CN1	Aug 9, 2011	2011102261411			CN	Pending	LSI Corporation
L10-0658JP1	Aug 4, 2011	2011170788	May 24, 2013	5274629	JP	Issued	LSI Corporation
L10-0658EP1	Apr 27, 2012	121658595			EP	Pending	LSI Corporation
L10-0658TW1	Jul 19, 2011	100125524			TW	Pending	LSI Corporation
L11-0981US1	Nov 2, 2011	13287348			US	Pending	LSI Corporation
L11-1356US1	Dec 27, 2011	13337648	Jul 22, 2014	8788736	US	Issued	LSI Corporation
L11-0824US1	Aug 17, 2012	13587983			US	Pending	LSI Corporation
L11-1157US1	Jan 17, 2012	13351552			US	Pending	LSI Corporation
L11-1063US1	Nov 30, 2011	13307393			US	Pending	LSI Corporation
L11-0036US1	Nov 7, 2011	13290364			US	Pending	LSI Corporation
L11-0111US1	Nov 9, 2011	13292377			US	Pending	LSI Corporation
L11-0579US1	Oct 31, 2011	13285353			US	Allowed	LSI Corporation
L11-1120US1	May 28, 2012	13481917			US	Pending	LSI Corporation
L11-1079US2	Jan 18, 2012	13353117			US	Pending	LSI Corporation
L11-1094US2	Jan 18, 2012	13353130			US	Pending	LSI Corporation
L11-0825US1	Feb 8, 2012	13368508	Jul 8, 2014	8773806	US	Issued	LSI Corporation
L11-1137US1	Feb 3, 2012	13365635	Jan 7, 2014	8625222	US	Issued	LSI Corporation
L11-1181US1	Jan 12, 2012	13348979	May 13, 2014	8726108	US	Issued	LSI Corporation
L11-1375US1	Dec 31, 2011	13341998	Feb 4, 2014	8645778	US	Issued	LSI Corporation
L11-1410US1	Jan 11, 2012	13348357	Jul 22, 2014	8788896	US	Issued	LSI Corporation
L11-0868US1	Mar 16, 2012	13422403			US	Pending	LSI Corporation
L11-1036US1	Mar 2, 2012	13410473	Nov 12, 2013	8582635	US	Issued	LSI Corporation
L11-1223US2	Mar 2, 2012	13410735	Sep 17, 2013	8537885	US	Issued	LSI Corporation
L11-1349US1	Jan 30, 2012	13360978	Apr 1, 2014	8687682	US	Issued	LSI Corporation
L11-0895US2	Mar 28, 2012	13432394			US	Pending	LSI Corporation
L11-0937US2	Jan 5, 2012	13344030			US	Pending	LSI Corporation
L11-0938US2	Dec 22, 2011	13334599	Aug 12, 2014	8806112	US	Pending	LSI Corporation
L11-0939US2	Dec 21, 2011	13332849	Feb 4, 2014	8645618	US	Issued	LSI Corporation

L11-0905US1	May 15, 2012	13472448	Oct 22, 2013	8565048	US	Issued	LSI Corporation
L11-1034US1	Oct 28, 2011	13284730	May 14, 2013	8443271	US	Issued	LSI Corporation
L11-1056US1	Dec 12, 2011	13316953			US	Pending	LSI Corporation
L11-1155US1	Dec 29, 2011	13339403			US	Pending	LSI Corporation
L11-1268US1	Dec 15, 2011	13326363	May 14, 2013	8443251	US	Issued	LSI Corporation
L11-1300US1	Dec 12, 2011	13316758			US	Pending	LSI Corporation
L11-1336US1	Jan 9, 2012	13346556			US	Pending	LSI Corporation
L11-1190US1	May 28, 2012	13481909			US	Pending	LSI Corporation
L11-1211US1	Jun 26, 2012	13533207			US	Pending	LSI Corporation
L05-2375US2	Oct 4, 2011	13252632	Oct 16, 2012	8288269	US	Issued	LSI Logic Corporation
L04-0467/2D	Oct 5, 2011	13253489	Oct 29, 2013	8572526	US	Issued	LSI Logic Corporation
L04-0956US3	Oct 5, 2011	13253554	Feb 19, 2013	8377633	US	Issued	LSI Logic Corporation
L11-0767US2	Oct 10, 2011	13269852			US	Pending	LSI Corporation
L11-1680US1	Nov 27, 2012	13686205	Aug 12, 2014	8804672	US	Pending	LSI Corporation
L04-2208US2	Sep 23, 2011	13242887	May 15, 2012	8178909	US	Issued	LSI Logic Corporation
L08-1488EP1	May 5, 2009	098434665			EP	Pending	LSI Corporation
L11-0960US1	Feb 22, 2012	13402088	Jun 24, 2014	8762808	US	Issued	LSI Corporation
L11-0030US1	Feb 6, 2012	13367094	Aug 27, 2013	8522179	US	Issued	LSI Corporation
L11-0909US1	Jan 5, 2012	13344459			US	Pending	LSI Corporation
L11-0856US1	Nov 23, 2011	13303564			US	Pending	LSI Corporation
L11-0783US1	Nov 23, 2011	13303535			US	Pending	LSI Corporation
L11-0496US1	Dec 9, 2011	13315519			US	Pending	LSI Corporation
L11-0141US1	Feb 2, 2012	13365050			US	Pending	LSI Corporation
L11-0263US1	Mar 6, 2012	13412908			US	Pending	LSI Corporation
L11-0464US1	Jan 6, 2012	13344851			US	Pending	LSI Corporation
L11-0035US1	Dec 22, 2011	13334254			US	Allowed	LSI Corporation
L11-1102US1	Jun 28, 2012	13536647			US	Pending	LSI Corporation
L11-1179US1	Jul 18, 2012	13552020	May 13, 2014	8724421	US	Issued	LSI Corporation
L11-1340US1	Jul 19, 2012	13553255			US	Pending	LSI Corporation
L11-1130US1	Jul 25, 2012	13557967			US	Pending	LSI Corporation
L11-1159US1	Jan 3, 2012	13342240	Aug 5, 2014	8797665	US	Pending	LSI Corporation
L11-1207US1	Dec 22, 2011	13335056	Aug 27, 2013	8520348	US	Issued	LSI Corporation
L11-1330RU1	Mar 12, 2012	2012109385			RU	Pending	LSI Corporation
L11-1271US1	Apr 12, 2012	13445270	Nov 19, 2013	8588004	US	Issued	LSI Corporation
L11-1306US1	Feb 21, 2012	13400864	Apr 8, 2014	8693264	US	Issued	LSI Corporation
L11-1618US1	Oct 26, 2012	13661357			US	Allowed	LSI Corporation
L11-1593US1	Oct 26, 2012	13661295			US	Pending	LSI Corporation
L11-1561WO1	Oct 26, 2012	PCTUS1262175			WO	Pending	LSI Corporation
L11-1594US1	Oct 26, 2012	13661351			US	Pending	LSI Corporation
L11-1595US1	Oct 26, 2012	13661355			US	Pending	LSI Corporation
L11-1591WO1	Oct 26, 2012	PCTUS1262182			WO	Pending	LSI Corporation
L11-1592WO1	Oct 26, 2012	PCTUS1262186			WO	Pending	LSI Corporation
L11-0694US1	Feb 1, 2012	13364217			US	Pending	LSI Corporation
L11-1391US1	Dec 15, 2011	13326367			US	Pending	LSI Corporation
L10-0117US1	Feb 7, 2012	13367473	Apr 1, 2014	8687302	US	Issued	LSI Corporation
L11-1305US1	Jan 19, 2012	13353664			US	Pending	LSI Corporation
L11-1351US1	Dec 12, 2012	13712391			US	Pending	LSI Corporation
L11-1434US1	Nov 30, 2011	13307747			US	Pending	LSI Corporation
L11-1462US2	Dec 2, 2011	13309662			US	Pending	LSI Corporation
L11-1540US1	Dec 15, 2011	13327559			US	Pending	LSI Corporation
L11-1547US1	Dec 13, 2011	13324019			US	Pending	LSI Corporation
L11-0712US1	Jan 18, 2012	13352400	Feb 4, 2014	8645590	US	Issued	LSI Corporation
L11-0327US1	Jul 23, 2012	13555410	Apr 29, 2014	8710901	US	Issued	LSI Corporation
L11-1145US1	Jul 27, 2012	13560893			US	Pending	LSI Corporation
L11-1218US1	May 30, 2012	13483982			US	Pending	LSI Corporation
L11-1282US1	Jun 15, 2012	13525182	May 6, 2014	8719682	US	Issued	LSI Corporation
L11-1408US1	Jul 27, 2012	13560815			US	Pending	LSI Corporation
L11-1411US1	Feb 8, 2012	13369069			US	Pending	LSI Corporation
L11-1452US1	Aug 28, 2012	13596381			US	Pending	LSI Corporation
L11-1463US1	Jan 31, 2012	13362409	Jun 10, 2014	8751889	US	Issued	LSI Corporation
L11-1527US1	Feb 21, 2012	13401030			US	Pending	LSI Corporation
L11-1535US1	Feb 6, 2012	13366537			US	Pending	LSI Corporation
L11-1556US1	Dec 15, 2011	13326557	Apr 15, 2014	8698554	US	Issued	LSI Corporation
L11-1582US1	Jun 11, 2012	13493081			US	Pending	LSI Corporation
L11-1589US1	Mar 16, 2012	13422450			US	Pending	LSI Corporation
L11-1599US1	Feb 14, 2012	13372600	Jan 14, 2014	8630053	US	Issued	LSI Corporation
L11-1603US1	Jan 31, 2012	13362466			US	Pending	LSI Corporation
L11-0560US2	Feb 21, 2012	13401036			US	Pending	LSI Corporation
Banna 3-2-2-3-R-EP1	Jan 10, 2007	077943108			EP	Pending	LSI Corporation
L10-0423US1	Oct 26, 2012	13661675			US	Pending	LSI Corporation
L11-1469US1	Mar 26, 2012	13429606			US	Pending	LSI Corporation
L10-0708US1	Oct 25, 2011	13280607			US	Pending	LSI Corporation
L10-0703US1	Oct 27, 2011	13282781	Feb 18, 2014	8656206	US	Issued	LSI Corporation
L11-1135US1	Apr 30, 2012	13460243			US	Pending	LSI Corporation
L11-0673US1	Apr 30, 2012	13460291			US	Pending	LSI Corporation
L10-0692US1	Nov 7, 2011	13290299			US	Pending	LSI Corporation
L11-1730US1	Mar 2, 2012	13410374			US	Pending	LSI Corporation
L11-1819US1	Feb 17, 2012	13399190			US	Pending	LSI Corporation
L11-1745US1	Oct 17, 2012	13653885			US	Pending	LSI Corporation
L11-0666US1	Mar 21, 2012	13425698			US	Pending	LSI Corporation
L11-1409US1	Mar 28, 2012	13432213			US	Pending	LSI Corporation
L11-1444US1	Mar 28, 2012	13432223			US	Pending	LSI Corporation
L11-1484US1	Mar 28, 2012	13432225	Aug 12, 2014	8806124	US	Pending	LSI Corporation
L11-1492US1	Mar 28, 2012	13432232	Jun 10, 2014	8751741	US	Issued	LSI Corporation
L11-1502US1	Mar 28, 2012	13432238			US	Pending	LSI Corporation
L11-1504US1	Mar 28, 2012	13432220	Dec 31, 2013	8621603	US	Issued	LSI Corporation
L11-1506US1	Mar 28, 2012	13432150	Jul 29, 2014	8793443	US	Issued	LSI Corporation
L11-1557US1	Mar 28, 2012	13432138			US	Pending	LSI Corporation
L11-1630US1	Jan 26, 2012	13359314			US	Pending	LSI Corporation
L11-1514US1	Mar 9, 2012	13416443	Apr 15, 2014	8699161	US	Issued	LSI Corporation
L11-1631US1	Apr 16, 2012	13447741	Apr 22, 2014	8705196	US	Issued	LSI Corporation
L11-1634US1	Feb 7, 2012	13368314			US	Pending	LSI Corporation
L11-1639US1	Apr 12, 2012	13445308			US	Pending	LSI Corporation
L11-1808US1	Mar 29, 2012	13433637			US	Pending	LSI Corporation
L11-1822US1	Nov 8, 2012	13671808	Apr 22, 2014	8704591	US	Issued	LSI Corporation
L11-1857US1	Dec 12, 2012	13712782	May 13, 2014	8724423	US	Issued	LSI Corporation
L11-1662US1	Jun 7, 2012	13490596			US	Pending	LSI Corporation
L11-1746US1	Mar 8, 2012	13415708			US	Pending	LSI Corporation

L11-1852US1	Jan 31, 2012	13362072	Aug 5, 2014	8798010	US	Pending	LSI Corporation
L10-0269JP1	Dec 15, 2011	2011273948			JP	Pending	LSI Corporation
L11-1454US1	Mar 8, 2012	13415326	May 20, 2014	8731115	US	Issued	LSI Corporation
L11-1632US1	Feb 21, 2012	13400750			US	Pending	LSI Corporation
L11-1646US1	Mar 29, 2012	13433742			US	Pending	LSI Corporation
L11-1784US1	Jun 7, 2012	13491062			US	Pending	LSI Corporation
L11-1786US1	Mar 22, 2012	13426714			US	Pending	LSI Corporation
L11-1858US1	Mar 5, 2012	13412520			US	Pending	LSI Corporation
L11-1772US1	Mar 8, 2012	13415430	Dec 17, 2013	8610608	US	Issued	LSI Corporation
L11-1682US1	Jun 7, 2012	13490849			US	Pending	LSI Corporation
L11-1688US1	Apr 12, 2012	13445858			US	Pending	LSI Corporation
L11-1785US1	Mar 5, 2012	13412492			US	Pending	LSI Corporation
L10-0686US1	Nov 8, 2011	13291285			US	Pending	LSI Corporation
L11-0258EP1	Mar 23, 2012	121609937			EP	Pending	LSI Corporation
L11-0258JP1	Feb 3, 2012	201221495			JP	Pending	LSI Corporation
L11-0258CN1	Dec 13, 2011	2011104156744			CN	Pending	LSI Corporation
L11-0258TW1	Nov 9, 2011	100140974	Mar 1, 2014	1428620	TW	Issued	LSI Corporation
L11-0258KR1	Dec 12, 2011	20110132930	Dec 17, 2013	10-1344577	KR	Issued	LSI Corporation
L10-0651TW1	Nov 7, 2011	100140586			TW	Pending	LSI Corporation
L10-0651JP1	Dec 13, 2011	2011271813			JP	Pending	LSI Corporation
L10-0651KR1	Nov 17, 2011	20110120194	Jun 13, 2013	10-1277005	KR	Issued	LSI Corporation
L10-0651EP1	Apr 27, 2012	121658637			EP	Pending	LSI Corporation
L10-0651CN1	Nov 22, 2011	2011103717192			CN	Pending	LSI Corporation
L11-1868US1	Jan 26, 2012	13359419			US	Pending	LSI Corporation
L10-0149EP1	Oct 21, 2011	112508635			EP	Pending	LSI Corporation
L10-0149TW1	Oct 21, 2011	100138236	Oct 21, 2012	1375153	TW	Issued	LSI Corporation
L10-0495US1	Nov 14, 2011	13295385			US	Pending	LSI Corporation
L09-0597EP1	Jul 19, 2011	111744538			EP	Pending	LSI Corporation
L09-0821EP1	Jul 21, 2011	111747796			EP	Pending	LSI Corporation
L11-0313TW1	Jul 23, 2012	101126475			TW	Pending	LSI Corporation
L08-0240US1	Dec 7, 2011	13313210	Jul 1, 2014	8769372	US	Issued	LSI Logic Corporation
L10-0307US1	Jan 31, 2013	13755201			US	Pending	LSI Corporation
L10-0149KR1	Nov 4, 2011	20110114538	Oct 25, 2012	10-1196547	KR	Issued	LSI Corporation
L10-0269TW1	Nov 23, 2011	100142971			TW	Pending	LSI Corporation
L10-0149JP1	Nov 7, 2011	2011243592	Nov 30, 2012	5144799	JP	Issued	LSI Corporation
L10-0269CN1	Dec 16, 2011	2011104217470			CN	Pending	LSI Corporation
L10-0269KR1	Dec 14, 2011	1020110134104			KR	Pending	LSI Corporation
L10-0149CN1	Nov 8, 2011	2011103496289			CN	Pending	LSI Corporation
L10-0273EP1	Nov 8, 2011	111882874			EP	Pending	LSI Corporation
L11-0767EP2	Sep 14, 2012	121844278			EP	Pending	LSI Corporation
L11-0767EP1	Sep 14, 2012	121844229			EP	Pending	LSI Corporation
L10-0698EP1	Jul 12, 2012	121761027			EP	Pending	LSI Corporation
L11-0313KR1	Jul 23, 2012	20120080177			KR	Pending	LSI Corporation
L11-0313CN1	Jan 30, 2012	2012100277231			CN	Pending	LSI Corporation
L11-0017EP2	Sep 11, 2012	121839062			EP	Pending	LSI Corporation
L11-0052TW1	Dec 15, 2011	100146598			TW	Pending	LSI Corporation
L11-0052KR1	Jan 13, 2012	20120004454			KR	Pending	LSI Corporation
L11-0052JP1	Jan 18, 2012	20127718			JP	Pending	LSI Corporation
L11-0052CN1	Jan 10, 2012	201210005653X			CN	Pending	LSI Corporation
L11-0052EP1	Aug 13, 2012	121802730			EP	Pending	LSI Corporation
L11-0101TW1	Nov 24, 2011	100143169			TW	Pending	LSI Corporation
L06-1714US2	Dec 6, 2011	13311972			US	Pending	LSI Logic Corporation
L11-1580US1	May 17, 2012	13474029			US	Allowed	LSI Corporation
L08-0371EP1	Mar 13, 2009	098385255			EP	Pending	LSI Corporation
L11-0767TW2	Aug 10, 2012	101129111			TW	Allowed	LSI Corporation
L11-0767P2	Apr 16, 2012	2012092606			JP	Pending	LSI Corporation
L11-0101JP1	Jan 23, 2012	2012010626			JP	Pending	LSI Corporation
L10-0698JP1	Mar 12, 2012	2012054025			JP	Pending	LSI Corporation
L10-0698CN1	Jan 16, 2012	2012100233360			CN	Pending	LSI Corporation
L11-0767CN1	Aug 10, 2012	2012102853688			CN	Pending	LSI Corporation
L11-0767TW1	Aug 10, 2012	101129110			TW	Pending	LSI Corporation
L11-0767JP1	Apr 11, 2012	2012090008	Jan 24, 2014	5459878	JP	Issued	LSI Corporation
L10-0269EP1	Dec 12, 2011	111930921			EP	Pending	LSI Corporation
L10-0476CN2	Oct 26, 2011	2011103284410			CN	Pending	LSI Corporation
L07-0093US2	Dec 13, 2011	13324206	Oct 9, 2012	8285934	US	Issued	LSI Logic Corporation
L06-0782-JP2	Dec 22, 2011	2011281046	Jun 29, 2012	5027332	JP	Issued	LSI Logic Corporation
L11-1326US1	Mar 29, 2012	13433851			US	Pending	LSI Corporation
L11-1811US1	Feb 8, 2012	13368725	Jun 10, 2014	8751861	US	Issued	LSI Corporation
L11-1930US1	Mar 1, 2012	13409458			US	Pending	LSI Corporation
L11-2075US1	Apr 4, 2012	13439660			US	Pending	LSI Corporation
L11-2107US1	Jan 31, 2012	13362099			US	Pending	LSI Corporation
L11-2159US1	Feb 2, 2012	13364408			US	Pending	LSI Corporation
L11-1992US1	Mar 9, 2012	13416609			US	Pending	LSI Corporation
L11-2144US1	Nov 21, 2012	13681328			US	Pending	LSI Corporation
L11-2150US1	Nov 26, 2012	13684922			US	Pending	LSI Corporation
L11-2157US1	Dec 11, 2012	13710582			US	Pending	LSI Corporation
L11-2167US1	Dec 18, 2012	13718948			US	Pending	LSI Corporation
L11-2191US1	Dec 18, 2012	13718966			US	Pending	LSI Corporation
L11-2242US1	Jan 23, 2013	13747538			US	Pending	LSI Corporation
L11-2283US1	Jan 31, 2013	13755215			US	Pending	LSI Corporation
L11-2291US1	Jan 31, 2013	13755252			US	Pending	LSI Corporation
L11-1843US1	Jun 7, 2012	13491135	Mar 25, 2014	8681444	US	Issued	LSI Corporation
L11-1873US1	Mar 23, 2012	13428155	Sep 17, 2013	8536921	US	Issued	LSI Corporation
L11-1899US1	Apr 20, 2012	13452722			US	Pending	LSI Corporation
L11-1957US1	Jul 30, 2012	13561236	Jul 9, 2013	8482449	US	Issued	LSI Corporation
L11-1981US1	Mar 22, 2012	13426722			US	Pending	LSI Corporation
L11-2012US1	Apr 20, 2012	13452733			US	Pending	LSI Corporation
L11-2030US1	May 10, 2012	13468968	May 27, 2014	8739004	US	Issued	LSI Corporation
L11-2034US1	Apr 18, 2012	13450289			US	Pending	LSI Corporation
L11-2059US1	Jun 1, 2012	13486273			US	Pending	LSI Corporation
L11-2060US1	Mar 16, 2012	13422986			US	Pending	LSI Corporation
L11-2083US1	Apr 12, 2012	13445834			US	Pending	LSI Corporation
L11-2114US1	May 16, 2012	13473099			US	Pending	LSI Corporation
L11-2146US1	Feb 14, 2012	13372580	Jun 10, 2014	8749907	US	Issued	LSI Corporation
L11-2178US1	Apr 30, 2012	13459424	Jun 10, 2014	8751884	US	Issued	LSI Corporation
L11-2243US1	May 17, 2012	13474068	Dec 17, 2013	8611385	US	Issued	LSI Corporation
L11-1619US1	Apr 18, 2012	13450118			US	Pending	LSI Corporation
L11-0109US1	Apr 26, 2012	13456419			US	Pending	LSI Corporation

L11-1401US1	Jun 7, 2012	13490913	Jan 7, 2014	8625216	US	Issued	LSI Corporation
L11-0551US1	Jul 27, 2012	13559741			US	Pending	LSI Corporation
L11-1321US1	May 29, 2012	13482197			US	Pending	LSI Corporation
L11-0936US1	Jul 10, 2012	13545833			US	Pending	LSI Corporation
L11-0971US1	Jun 15, 2012	13525170			US	Pending	LSI Corporation
L11-0675US1	Mar 30, 2012	13434940	Jul 8, 2014	8775888	US	Issued	LSI Corporation
L11-1331US1	Feb 22, 2012	13402268			US	Pending	LSI Corporation
L11-0888US1	Mar 30, 2012	13434954	Jun 3, 2014	8745457	US	Issued	LSI Corporation
L11-1255US1	Mar 30, 2012	13434962	May 27, 2014	8738979	US	Issued	LSI Corporation
L11-1345US1	Mar 30, 2012	13436073			US	Pending	LSI Corporation
L11-1426US1	Mar 16, 2012	13422376			US	Pending	LSI Corporation
L11-1500US1	Mar 28, 2012	13432131			US	Pending	LSI Corporation
L11-1584US1	Feb 10, 2012	13370815	Jul 8, 2014	8773926	US	Issued	LSI Corporation
L09-0602US2	Dec 2, 2011	13310028	Apr 15, 2014	8699167	US	Issued	LSI Corporation
L11-0101CN1	Dec 29, 2011	2011104490097			CN	Pending	LSI Corporation
L10-0541CN2	Oct 26, 2011	2011103291217			CN	Pending	LSI Corporation
L10-0351JP1	Jan 13, 2012	2012004661	Nov 9, 2012	5128708	JP	Issued	LSI Corporation
L10-0351TW1	Jan 31, 2012	101103003	Apr 11, 2013	1393012	TW	Issued	LSI Corporation
L10-0351KR1	Jan 30, 2012	20120009174	Jun 19, 2013	10-1278787	KR	Issued	LSI Corporation
L10-0351CN1	Feb 6, 2012	2012100249161			CN	Pending	LSI Corporation
L10-0351EP1	Jan 5, 2012	122500036			EP	Pending	LSI Corporation
L11-1047US1	Nov 9, 2012	13672999	Apr 22, 2014	8707234	US	Issued	LSI Corporation
L11-0665US1	Nov 26, 2012	13684880	May 6, 2014	8719746	US	Issued	LSI Corporation
L11-2134US1	Mar 29, 2012	13434346			US	Pending	LSI Corporation
L11-2392US1	Apr 25, 2012	13455749	Nov 26, 2013	8595408	US	Issued	LSI Corporation
L11-2426US1	Apr 25, 2012	13455826	Nov 12, 2013	8583840	US	Issued	LSI Corporation
L11-2326US1	Feb 29, 2012	13408195			US	Pending	LSI Corporation
L11-2366US1	Feb 15, 2012	13396904			US	Pending	LSI Corporation
L11-2458US1	Feb 29, 2012	13408437			US	Pending	LSI Corporation
L11-2464US1	Feb 20, 2012	13400212			US	Pending	LSI Corporation
L11-2484US1	Apr 11, 2012	13444186	Jul 15, 2014	8782504	US	Issued	LSI Corporation
L11-2158US1	Apr 30, 2012	13459282	Jun 24, 2014	8762815	US	Issued	LSI Corporation
L11-2226US1	Jun 20, 2012	13527743	Jul 22, 2014	8787099	US	Issued	LSI Corporation
L11-2288US1	Apr 30, 2012	13459289			US	Pending	LSI Corporation
L11-2323US1	Apr 20, 2012	13452645	Apr 9, 2013	8416666	US	Issued	LSI Corporation
L11-2343US1	Aug 22, 2012	13591980			US	Pending	LSI Corporation
L11-2355US1	Jun 15, 2012	13525188	Feb 18, 2014	8654474	US	Issued	LSI Corporation
L11-2394US1	May 30, 2012	13483100			US	Pending	LSI Corporation
L11-2407US1	Jun 15, 2012	13525194	Mar 18, 2014	8675297	US	Issued	LSI Corporation
L11-2444US1	May 30, 2012	13483105			US	Pending	LSI Corporation
L11-2459US1	May 17, 2012	13474672	Sep 3, 2013	8525707	US	Issued	LSI Corporation
L11-2460US1	May 17, 2012	13474668	May 27, 2014	8736998	US	Issued	LSI Corporation
L11-2011US1	Mar 9, 2012	13415898	May 27, 2014	8736478	US	Issued	LSI Corporation
L07-1167US2	Feb 22, 2012	13401983			US	Pending	LSI Logic Corporation
L09-0336US2	Apr 20, 2012	13452593			US	Pending	LSI Corporation
L10-0706US1	Jan 17, 2012	13351362	Jul 8, 2014	8775893	US	Issued	LSI Corporation
L11-1440US1	Apr 30, 2012	13459311			US	Pending	LSI Corporation
L11-2440US1	Jun 28, 2012	13535799			US	Pending	LSI Corporation
L10-0553US1	May 17, 2012	13474664			US	Pending	LSI Corporation
L10-0554US1	May 17, 2012	13474660	Dec 17, 2013	8612826	US	Issued	LSI Corporation
L11-2487US1	Apr 26, 2012	13456338			US	Pending	LSI Corporation
L11-2521US1	May 11, 2012	13469141			US	Pending	LSI Corporation
L11-2545US1	Apr 4, 2012	13438876			US	Pending	LSI Corporation
L11-2571US1	May 21, 2012	13476474			US	Pending	LSI Corporation
L11-2581US1	May 10, 2012	13468124			US	Pending	LSI Corporation
L12-0193US1	May 18, 2012	13474770			US	Pending	LSI Corporation
L11-2497US1	May 25, 2012	13480719	May 6, 2014	8717873	US	Issued	LSI Corporation
L12-0001US1	May 7, 2012	13465179			US	Pending	LSI Corporation
L12-0153CN1	Oct 26, 2012	2012104173778			CN	Pending	LSI Corporation
L12-0240US1	May 23, 2012	13478561			US	Pending	LSI Corporation
L12-0253US1	Apr 26, 2012	13456484			US	Pending	LSI Corporation
L12-0293US1	May 8, 2012	13466389			US	Pending	LSI Corporation
L12-0296US1	Apr 26, 2012	13456495			US	Pending	LSI Corporation
L12-0299US1	May 31, 2012	13485089			US	Pending	LSI Corporation
L11-2391US1	Feb 7, 2012	13368315	Dec 24, 2013	8615062	US	Issued	LSI Corporation
L11-2518US1	Jul 18, 2012	13552012			US	Pending	LSI Corporation
L12-0012US1	May 9, 2012	13467696	Dec 10, 2013	8607180	US	Issued	LSI Corporation
L12-0219US1	Mar 21, 2012	13425467	Apr 15, 2014	8699550	US	Issued	LSI Corporation
L12-0384US1	Mar 29, 2012	13433693			US	Pending	LSI Corporation
L11-2556US1	Apr 24, 2012	13454310			US	Pending	LSI Corporation
L11-2334US1	Jul 30, 2012	13561673			US	Pending	LSI Corporation
L07-1030US2	Mar 8, 2012	13415003	May 7, 2013	8437401	US	Issued	LSI Logic Corporation
L05-0821US2	Apr 9, 2012	13442081			US	Pending	LSI Logic Corporation
L05-1332US3	Feb 20, 2012	13400208	Aug 5, 2014	8798155	US	Pending	LSI Logic Corporation
L11-2313US1	May 8, 2012	13466347	Jun 17, 2014	8756355	US	Issued	LSI Corporation
L11-0704US2	Mar 1, 2012	13409432			US	Pending	LSI Corporation
L11-0767CN2	Aug 10, 2012	2012102852897			CN	Pending	LSI Corporation
L06-1810US2	Feb 29, 2012	13407830	Jul 30, 2013	8499264	US	Issued	LSI Logic Corporation
L09-0509US1	Aug 22, 2012	13592169			US	Pending	LSI Corporation
L11-1750US1	Jul 31, 2012	13563145	Jul 8, 2014	8776003	US	Issued	LSI Corporation
L11-1823US1	Jun 12, 2012	13494282	Jul 16, 2013	8487691	US	Issued	LSI Corporation
L11-1824US1	Jun 12, 2012	13494188			US	Pending	LSI Corporation
L11-1859US1	Jun 22, 2012	13530426			US	Pending	LSI Corporation
L12-0112US1	Jun 21, 2012	13529030			US	Pending	LSI Corporation
L12-0734US1	Sep 19, 2012	13622684			US	Pending	LSI Corporation
L11-0514KR1	Sep 21, 2012	20120104914			KR	Pending	LSI Corporation
L11-0514EU1	Sep 11, 2012	121839377			EP	Pending	LSI Corporation
L11-0017TW2	Mar 8, 2012	101107893			TW	Pending	LSI Corporation
L10-0538TW1	Nov 9, 2012	101141846			TW	Pending	LSI Corporation
L11-0514TW1	Sep 24, 2012	101134964			TW	Pending	LSI Corporation
L11-0813TW1	Oct 30, 2012	101140145			TW	Pending	LSI Corporation
L11-0017CN2	Aug 2, 2012	2012102736557			CN	Pending	LSI Corporation
L11-0017JP2	Aug 2, 2012	2012171640	May 30, 2014	5551739	JP	Issued	LSI Corporation
L11-0017KR2	Aug 1, 2012	20120084604	Apr 23, 2014	10-1390566	KR	Issued	LSI Corporation
L11-0514CN1	Sep 21, 2012	2012103565438			CN	Pending	LSI Corporation
L11-0514JP1	Sep 21, 2012	JP2012208610			JP	Pending	LSI Corporation
L10-0538CN1	Oct 8, 2012	2012103770358			CN	Pending	LSI Corporation
L10-0538EU1	Sep 28, 2012	121865075			EP	Pending	LSI Corporation

L10-0538/P1	Oct 4, 2012	2012222335			JP	Pending	LSI Corporation
L10-0538KR1	Oct 4, 2012	20120109883			KR	Pending	LSI Corporation
L05-0731US3	Apr 9, 2012	13442099	Oct 29, 2013	8572543	US	Issued	LSI Logic Corporation
L11-0767KR1	Apr 24, 2012	20120042520			KR	Pending	LSI Corporation
L11-0767KR2	Aug 9, 2012	20120087122			KR	Pending	LSI Corporation
L11-0813CN1	Oct 29, 2012	201210420896X			CN	Pending	LSI Corporation
L11-2382US1	Jul 9, 2012	13544095			US	Pending	LSI Corporation
L12-0626US1	Jun 15, 2012	13523998			US	Pending	LSI Corporation
L12-0392US1	May 2, 2012	13462539			US	Pending	LSI Corporation
L12-0427US1	Aug 2, 2012	13565083	Dec 3, 2013	8598910	US	Issued	LSI Corporation
L12-0547US1	Aug 8, 2012	13569276			US	Pending	LSI Corporation
L11-1900US1	Sep 7, 2012	13607073	Apr 22, 2014	8704691	US	Issued	LSI Corporation
L11-2347US1	Jul 24, 2012	13556480	Jul 8, 2014	8773817	US	Issued	LSI Corporation
L11-2396US1	Jun 18, 2012	13525982	Jul 8, 2014	8774643	US	Issued	LSI Corporation
L11-2606RU1	Jul 13, 2012	2012129926			RU	Pending	LSI Corporation
L11-2608US1	Jun 20, 2012	13528237			US	Pending	LSI Corporation
L12-0248US1	Jan 31, 2013	13755717			US	Pending	LSI Corporation
L12-0375US1	Jul 12, 2012	13547516			US	Pending	LSI Corporation
L12-0397US1	Mar 22, 2012	13426693			US	Pending	LSI Corporation
L12-0417US1	Jan 31, 2013	13755117			US	Pending	LSI Corporation
L12-0492US1	May 15, 2012	13471659	Sep 3, 2013	8525574	US	Issued	LSI Corporation
L12-0558RU1	Aug 2, 2012	2012133248			RU	Pending	LSI Corporation
L12-0633US1	Jun 21, 2012	13529572	Oct 22, 2013	8564897	US	Issued	LSI Corporation
L12-0570US1	May 16, 2012	13472537			US	Allowed	LSI Corporation
L05-0526US3	Mar 20, 2012	13424747	Apr 23, 2013	8429586	US	Issued	LSI Logic Corporation
L09-0776US2	Mar 16, 2012	13422742	Nov 27, 2012	8321755	US	Issued	LSI Corporation
L10-0174US1	Jul 30, 2012	13561301	Jul 1, 2014	8767811	US	Issued	LSI Corporation
L10-0176US1	Sep 6, 2012	13604812			US	Pending	LSI Corporation
L11-0408US2	Jun 8, 2012	13492152	Jun 17, 2014	8755195	US	Issued	LSI Corporation
L10-0687EP1	Apr 4, 2012	121631048			EP	Pending	LSI Corporation
L10-0687JP1	Feb 22, 2012	201236271			JP	Pending	LSI Corporation
L10-0687KR1	Mar 2, 2012	20120021585			KR	Pending	LSI Corporation
L12-0433US1	Nov 5, 2012	13668626	Jan 14, 2014	8629939	US	Issued	LSI Corporation
L12-0556US1	Jul 27, 2012	13560297	Apr 15, 2014	8700962	US	Issued	LSI Corporation
L11-2554RU1	Jul 18, 2012	2012130778			RU	Pending	LSI Corporation
L11-0813KR1	Oct 29, 2012	20120120582			KR	Pending	LSI Corporation
L11-0813EP1	Oct 17, 2012	121888374			EP	Pending	LSI Corporation
L11-0813JP1	Oct 15, 2012	2012227764			JP	Pending	LSI Corporation
L11-2557RU1	Aug 16, 2012	2012135285			RU	Pending	LSI Corporation
L11-2558RU1	Sep 12, 2012	2012139074			RU	Pending	LSI Corporation
L11-2582RU1	Nov 7, 2012	2012147471			RU	Pending	LSI Corporation
L11-2592RU1	Dec 6, 2012	2012152710			RU	Pending	LSI Corporation
L11-2605RU1	Nov 1, 2012	2012146685			RU	Pending	LSI Corporation
L11-2603RU1	Jan 9, 2013	2013100160			RU	Pending	LSI Corporation
L12-0955US1	Jun 19, 2012	13526881			US	Pending	LSI Corporation
L12-0922US1	Jul 25, 2012	13557657			US	Pending	LSI Corporation
L09-0496US2	Apr 10, 2012	13443691			US	Pending	LSI Corporation
L11-1146US2	Apr 12, 2012	13445878			US	Pending	LSI Corporation
L11-0846US2	Apr 13, 2012	13446111			US	Pending	LSI Corporation
L11-0387US1	Jul 27, 2012	13559744			US	Pending	LSI Corporation
L12-0885US1	Jul 27, 2012	13559747			US	Pending	LSI Corporation
L12-0737US1	Jul 10, 2012	13545348			US	Pending	LSI Corporation
L12-0719US1	Feb 15, 2013	13768220			US	Pending	LSI Corporation
L12-0821US2	Nov 12, 2012	13674308	Jun 24, 2014	8760790	US	Issued	LSI Corporation
L12-0876US1	Oct 5, 2012	13645873			US	Pending	LSI Corporation
L12-0950US1	Sep 26, 2012	13627054	Nov 26, 2013	8595668	US	Issued	LSI Corporation
L12-0851US1	Jul 27, 2012	13560371			US	Pending	LSI Corporation
L12-0903US1	Aug 27, 2012	13595102			US	Pending	LSI Corporation
L12-0904US1	Dec 7, 2012	13707873			US	Pending	LSI Corporation
L12-0917US1	Jul 16, 2012	13549957			US	Pending	LSI Corporation
L12-0931US2	Jul 26, 2012	13559421			US	Pending	LSI Corporation
L12-0598US2	Aug 3, 2012	13566204			US	Pending	LSI Corporation
L12-0836US1	Jun 14, 2012	13517732			US	Pending	LSI Corporation
L12-0774US1	Jul 25, 2012	13557437			US	Pending	LSI Corporation
L12-0786US1	Aug 7, 2012	13568871	Nov 19, 2013	8589607	US	Issued	LSI Corporation
L12-0793US1	Aug 6, 2012	13567430			US	Pending	LSI Corporation
L12-0831US1	May 29, 2012	13482693			US	Pending	LSI Corporation
L12-0959US1	Aug 15, 2012	13586048			US	Pending	LSI Corporation
L12-0887US1	Jul 31, 2012	13562473			US	Pending	LSI Corporation
L11-2303US1	Jun 1, 2012	13485982	Mar 4, 2014	8664984	US	Issued	LSI Corporation
L12-0082US1	Jul 11, 2012	13546791	Apr 8, 2014	8694940	US	Issued	LSI Corporation
L12-0286US1	Dec 31, 2012	13731766			US	Pending	LSI Corporation
L12-0781US1	Feb 28, 2013	13780203			US	Pending	LSI Corporation
L12-0400US1	Aug 2, 2012	13565137			US	Allowed	LSI Corporation
L12-0667US1	Jul 12, 2012	13547463	Mar 18, 2014	8674860	US	Issued	LSI Corporation
L12-0668US1	Jun 27, 2012	13534287			US	Allowed	LSI Corporation
L12-0945US1	Nov 9, 2012	13673680			US	Pending	LSI Corporation
L12-0946US1	Nov 9, 2012	13673730			US	Pending	LSI Corporation
L11-2215US1	Jan 31, 2013	13755869	Jun 3, 2014	8745558	US	Issued	LSI Corporation
L11-0887US1	Dec 5, 2012	13706276	Jul 8, 2014	8773924	US	Issued	LSI Corporation
L11-2239US1	Aug 7, 2012	13568227	Jan 7, 2014	8624628	US	Issued	LSI Corporation
L11-1713US1	Jul 11, 2012	13546715			US	Pending	LSI Corporation
L11-2534US2	May 31, 2012	13484924	Feb 18, 2014	8656059	US	Issued	LSI Corporation
L08-0748US2	Apr 30, 2012	13460605	Jun 25, 2013	8473890	US	Issued	LSI Logic Corporation
L11-1855US1	Dec 21, 2012	13725028			US	Pending	LSI Corporation
L11-2273US1	Feb 13, 2013	13766182	Mar 11, 2014	8670198	US	Issued	LSI Corporation
L11-2427US1	Aug 28, 2012	13596819			US	Pending	LSI Corporation
L11-2485US1	Jul 2, 2012	13539639			US	Pending	LSI Corporation
L11-2486US1	Jul 2, 2012	13539657	Apr 1, 2014	8689076	US	Issued	LSI Corporation
L11-2493US1	Jul 27, 2012	13560702			US	Pending	LSI Corporation
L11-2527US1	Jul 18, 2012	13552403			US	Pending	LSI Corporation
L11-2529US1	Jul 25, 2012	13558245			US	Pending	LSI Corporation
L12-0013US1	Jul 25, 2012	13558228	May 20, 2014	8732562	US	Issued	LSI Corporation
L12-0014US1	Jul 27, 2012	13560737			US	Pending	LSI Corporation
L12-0045US1	Aug 17, 2012	13588648			US	Pending	LSI Corporation
L11-2321US1	Oct 31, 2012	13664772	Jul 8, 2014	8773942	US	Issued	LSI Corporation
L11-2358US1	Jan 22, 2013	13746954	May 6, 2014	8719752	US	Issued	LSI Corporation
L11-2429US1	Jan 8, 2013	13736576	May 27, 2014	8739093	US	Issued	LSI Corporation

L12-0003US1	Oct 19, 2012	13656571			US	Pending	LSI Corporation
L12-0055US1	Oct 11, 2012	13649915			US	Pending	LSI Corporation
L12-0064US1	Dec 5, 2012	13706110	Jun 24, 2014	8760190	US	Issued	LSI Corporation
L12-0067US1	Jul 17, 2012	13551523			US	Pending	LSI Corporation
L12-0098US1	Sep 11, 2012	13609387	May 20, 2014	8730603	US	Issued	LSI Corporation
L12-0131US1	Jul 17, 2012	13551507			US	Pending	LSI Corporation
L12-0135US1	Mar 13, 2013	13798566			US	Pending	LSI Corporation
L12-0144US1	Jul 30, 2012	13561230			US	Pending	LSI Corporation
L12-0160US1	Sep 7, 2012	13606342	Jul 8, 2014	8773927	US	Issued	LSI Corporation
L12-0172US1	Sep 4, 2012	13603141			US	Pending	LSI Corporation
L12-0201US1	Jul 30, 2012	13561243			US	Pending	LSI Corporation
L12-0282US1	Jul 30, 2012	13562140			US	Pending	LSI Corporation
L11-1779US1	Jun 4, 2012	13487516			US	Pending	LSI Corporation
L11-1840US1	Nov 27, 2012	13685993			US	Allowed	LSI Corporation
L11-1870US1	Aug 15, 2012	13586133			US	Pending	LSI Corporation
L11-1947US1	Aug 21, 2012	13590306			US	Pending	LSI Corporation
L12-0978US1	Sep 14, 2012	13617169			US	Pending	LSI Corporation
L11-1875US1	Aug 27, 2012	13595277	Jun 3, 2014	8744529	US	Issued	LSI Corporation
L11-2272US1	Jun 14, 2012	13523140			US	Pending	LSI Corporation
L12-0356US1	Sep 28, 2012	13630788			US	Pending	LSI Corporation
L12-0037US1	Jun 4, 2012	13487399			US	Pending	LSI Corporation
L12-0919US1	Oct 5, 2012	13645600	Aug 5, 2014	8799731	US	Pending	LSI Corporation
L08-0111US2	Apr 23, 2012	13453289	Feb 4, 2014	8645888	US	Issued	LSI Logic Corporation
L12-0396US1	Aug 28, 2012	13596947			US	Pending	LSI Corporation
L12-0398US1	Sep 4, 2012	13602440			US	Pending	LSI Corporation
L10-0101CN1	Jun 13, 2012	2012101940369			CN	Pending	LSI Corporation
L12-0399US1	Sep 18, 2012	13622284			US	Pending	LSI Corporation
L12-0451US1	Sep 4, 2012	13602463			US	Pending	LSI Corporation
L12-0455US1	Aug 28, 2012	13597026	Apr 8, 2014	8694847	US	Issued	LSI Corporation
L12-0496US1	Oct 24, 2012	13659795			US	Pending	LSI Corporation
L12-0498US1	Sep 4, 2012	13602535			US	Pending	LSI Corporation
L12-0707US1	Aug 28, 2012	13596978			US	Pending	LSI Corporation
L11-2604US1	Aug 6, 2012	13567712			US	Pending	LSI Corporation
L12-0918US1	Jul 17, 2012	13550799			US	Pending	LSI Corporation
L12-0949US1	Aug 13, 2012	13572763			US	Allowed	LSI Corporation
L12-0090US1	Sep 7, 2012	13607151			US	Pending	LSI Corporation
L12-0812US1	Sep 5, 2012	13603972			US	Pending	LSI Corporation
L11-2560RU1	Aug 15, 2012	2012134916			RU	Pending	LSI Corporation
L11-2611RU1	Oct 1, 2012	2012141880			RU	Pending	LSI Corporation
L12-0040US1	Aug 22, 2012	13591888	Apr 8, 2014	8693119	US	Issued	LSI Corporation
L12-0879US1	Jul 20, 2012	13553983			US	Pending	LSI Corporation
L12-0785US1	Jul 3, 2012	13540923	Jun 3, 2014	8743945	US	Issued	LSI Corporation
L12-0099US1	Dec 31, 2012	13731551			US	Pending	LSI Corporation
L12-0284US1	Jan 31, 2013	13755676			US	Pending	LSI Corporation
L12-0495US1	Aug 28, 2012	13597001	Jun 10, 2014	8751915	US	Issued	LSI Corporation
L11-1130US2	Jul 25, 2012	13558004			US	Pending	LSI Corporation
L08-0370US2	May 11, 2012	13469746	Dec 25, 2012	8341495	US	Issued	LSI Logic Corporation
L11-0858EP1	Oct 18, 2012	12189062			EP	Pending	LSI Corporation
L11-0858KR1	Jun 22, 2012	20120067507			KR	Pending	LSI Corporation
L11-0858JP1	Aug 20, 2012	2012181345			JP	Pending	LSI Corporation
L11-0858CN1	Jun 21, 2012	2012102110844			CN	Pending	LSI Corporation
L11-0858TW1	May 22, 2012	101118238			TW	Pending	LSI Corporation
L11-0833CN1	Jun 19, 2012	2012102087759			CN	Pending	LSI Corporation
L11-0833EP1	Oct 18, 2012	121889471			EP	Pending	LSI Corporation
L11-0833JP1	Jul 4, 2012	2012150054			JP	Pending	LSI Corporation
L11-0833KR1	Jun 20, 2012	20120066278			KR	Pending	LSI Corporation
L11-0833TW1	May 22, 2012	101118239			TW	Pending	LSI Corporation
L09-0746US1	May 21, 2012	13510980			US	Pending	LSI Corporation
L12-0969US1	Aug 22, 2012	13592023			US	Pending	LSI Corporation
L12-1125US2	Jun 27, 2012	13534595			US	Pending	LSI Corporation
L12-1192US1	Sep 20, 2012	13623539			US	Pending	LSI Corporation
L11-1425US1	Jan 11, 2013	13739083			US	Pending	LSI Corporation
L11-1795US1	Sep 7, 2012	13606279	May 27, 2014	8737006	US	Issued	LSI Corporation
L12-0893US1	Nov 30, 2012	13690435	Jul 8, 2014	8773809	US	Issued	LSI Corporation
L12-0973US1	Oct 5, 2012	13646154			US	Allowed	LSI Corporation
L12-0971US1	Dec 18, 2012	13717973			US	Allowed	LSI Corporation
L12-0993US1	Aug 1, 2012	13564159			US	Pending	LSI Corporation
L12-0995US1	Dec 27, 2012	13728443			US	Allowed	LSI Corporation
L12-1042US1	Nov 8, 2012	13672218			US	Pending	LSI Corporation
L12-1070US1	Aug 2, 2012	13564763			US	Pending	LSI Corporation
L12-1098US1	Oct 9, 2012	13647470	Aug 12, 2014	8803573	US	Pending	LSI Corporation
L12-1109US1	Aug 2, 2012	13564836	May 20, 2014	8730067	US	Issued	LSI Corporation
L12-1130US1	Sep 10, 2012	13607907			US	Pending	LSI Corporation
L12-1143US1	Aug 6, 2012	13567740	May 20, 2014	8732537	US	Issued	LSI Corporation
L12-1185US1	Sep 13, 2012	13613981			US	Pending	LSI Corporation
L12-1189US1	Sep 28, 2012	13629726			US	Pending	LSI Corporation
L12-1199US1	Oct 9, 2012	13647502			US	Pending	LSI Corporation
L05-1331US2	May 22, 2012	13477314			US	Pending	LSI Logic Corporation
L12-1140US1	Sep 6, 2012	13605254			US	Pending	LSI Corporation
L11-1908US1	Aug 6, 2012	13567134			US	Pending	LSI Corporation
L12-0512US1	Sep 4, 2012	13603076			US	Pending	LSI Corporation
L12-0523US1	Oct 29, 2012	13663006			US	Pending	LSI Corporation
L12-0533US1	Sep 4, 2012	13603104			US	Pending	LSI Corporation
L11-0061US1	Oct 30, 2012	13664071			US	Pending	LSI Corporation
L06-1322US2	Jul 11, 2012	13546159	May 20, 2014	8731061	US	Issued	LSI Logic Corporation
L12-0820US1	Dec 19, 2012	13720103			US	Pending	LSI Corporation
L06-1807US2	Jun 12, 2012	13494636			US	Pending	LSI Logic Corporation
L09-0746K01	May 30, 2012	20127014065			KR	Pending	LSI Corporation
L10-0101TW1	May 15, 2012	101117270			TW	Pending	LSI Corporation
L12-0666US1	Oct 19, 2012	13655783			US	Pending	LSI Corporation
L11-1356TW1	Jun 7, 2012	101120543			TW	Pending	LSI Corporation
L10-0711US1	Jan 23, 2013	13747602			US	Pending	LSI Corporation
L12-1218US1	Jan 24, 2013	13749068			US	Pending	LSI Corporation
L12-1219US1	Jan 25, 2013	13749817			US	Pending	LSI Corporation
L11-1590WO2	Oct 26, 2012	PCTUS1262179			WO	Pending	LSI Corporation
L12-1253US1	Sep 21, 2012	13624534			US	Pending	LSI Corporation
L12-1338US1	Feb 7, 2013	13761427			US	Pending	LSI Corporation
L12-1392US1	Oct 26, 2012	13661369			US	Pending	LSI Corporation

L12-1417US1	Sep 21, 2012	13624463			US	Pending	LSI Corporation
L12-1419US1	Sep 21, 2012	13623909			US	Pending	LSI Corporation
L12-1426US1	Oct 11, 2012	13646369			US	Pending	LSI Corporation
L12-1217US1	Sep 6, 2012	13604946			US	Pending	LSI Corporation
L12-1264US1	Oct 5, 2012	13645838			US	Pending	LSI Corporation
L12-1295US1	Aug 22, 2012	13591937			US	Pending	LSI Corporation
L12-1309US1	Sep 14, 2012	13618317			US	Pending	LSI Corporation
L12-1357US1	Jan 22, 2013	13746653			US	Pending	LSI Corporation
L12-1365US1	Oct 23, 2012	13658153			US	Pending	LSI Corporation
L12-1378US1	Aug 15, 2012	13586534	May 27, 2014	8737003	US	Issued	LSI Corporation
L12-1393US1	Sep 22, 2012	13624927			US	Pending	LSI Corporation
L12-1396US1	Oct 4, 2012	13644542			US	Pending	LSI Corporation
L12-1418US1	Sep 14, 2012	13619907			US	Pending	LSI Corporation
L12-1439US1	Nov 13, 2012	13675520			US	Allowed	LSI Corporation
L12-1441US1	Sep 17, 2012	13621341			US	Pending	LSI Corporation
L12-1453US1	Oct 12, 2012	13650474	Apr 29, 2014	8711502	US	Issued	LSI Corporation
L12-1457US1	Dec 19, 2012	13719615			US	Pending	LSI Corporation
L12-1461US1	Nov 21, 2012	13683424			US	Allowed	LSI Corporation
L12-1346RU1	Oct 24, 2012	2012145349			RU	Pending	LSI Corporation
L12-1108US1	Oct 19, 2012	13655670			US	Pending	LSI Corporation
L12-0684US1	Feb 22, 2013	13773716	Nov 12, 2013	8583973	US	Issued	LSI Corporation
L12-0839US1	Sep 21, 2012	13624234	Jun 24, 2014	8760783	US	Issued	LSI Corporation
L12-0782US1	Oct 26, 2012	13661201			US	Pending	LSI Corporation
L12-0852US1	Sep 25, 2012	13626255			US	Pending	LSI Corporation
L12-0538US1	Oct 31, 2012	13664490			US	Pending	LSI Corporation
L12-0882US1	Sep 28, 2012	13631075			US	Pending	LSI Corporation
L12-0883US1	Sep 25, 2012	13626030	Feb 11, 2014	8649118	US	Issued	LSI Corporation
L12-0557US1	Dec 21, 2012	13723357			US	Pending	LSI Corporation
L11-2491US1	Aug 30, 2012	13599249			US	Pending	LSI Corporation
L11-0278US1	Aug 24, 2012	13593682			US	Pending	LSI Corporation
L12-0039US1	Aug 24, 2012	13593648			US	Pending	LSI Corporation
L12-0101US1	Aug 15, 2012	13585933			US	Pending	LSI Corporation
L12-0234US1	Sep 27, 2012	13628513			US	Pending	LSI Corporation
L11-1793US1	Sep 12, 2012	13611158			US	Pending	LSI Corporation
L11-2270US1	Aug 10, 2012	13572135	May 27, 2014	8736076	US	Issued	LSI Corporation
L11-2461US1	Sep 27, 2012	13628579	Jan 7, 2014	8625217	US	Issued	LSI Corporation
L11-1572US1	Sep 27, 2012	13628616			US	Pending	LSI Corporation
L12-0672US1	Nov 12, 2012	13674659			US	Pending	LSI Corporation
L10-0687CN1	Apr 9, 2012	2012101025967			CN	Pending	LSI Corporation
L12-0121US1	Aug 13, 2012	13572929			US	Pending	LSI Corporation
L12-1296US1	Sep 4, 2012	13602498			US	Pending	LSI Corporation
L10-0069FR1	Nov 2, 2000	009745084	Apr 11, 2012	1145451	FR	Issued	LSI Corporation
L10-0069DE1	Nov 2, 2000	009745084	May 9, 2012	60047080.6	DE	Issued	LSI Corporation
L10-0069GB1	Nov 2, 2000	009745084	Apr 11, 2012	1145451	GB	Issued	LSI Corporation
006-1034/2D	Jul 9, 2012	13544632	Aug 20, 2013	8516425	US	Issued	LSI Logic Corporation
L11-2554US1	Feb 26, 2013	13777629			US	Pending	LSI Corporation
L07-0731JP2	Jul 19, 2012	2012160172			JP	Pending	LSI Logic Corporation
L12-1410US1	Nov 30, 2012	13690080			US	Pending	LSI Corporation
L12-1397US1	Oct 4, 2012	13644589			US	Pending	LSI Corporation
L10-0101KR1	Jun 18, 2012	20120065019			KR	Pending	LSI Corporation
L10-0101EP1	Sep 17, 2012	121846968			EP	Pending	LSI Corporation
L10-0687TW1	Apr 11, 2012	101112803			TW	Pending	LSI Corporation
L11-0090CN1	Jun 25, 2012	2012102146009			CN	Pending	LSI Corporation
L11-0090EP1	Jun 22, 2012	121732382			EP	Pending	LSI Corporation
L11-0090JP1	Jul 5, 2012	2012126014			JP	Pending	LSI Corporation
L11-0090KR1	Jun 22, 2012	1020120067663			KR	Pending	LSI Corporation
L11-0090TW1	Jun 22, 2012	101122389			TW	Pending	LSI Corporation
L11-0895JP2	Jun 19, 2012	2012138096			JP	Pending	LSI Corporation
L11-0937JP1	Jun 19, 2012	2012138095			JP	Pending	LSI Corporation
L11-0938JP1	Jun 19, 2012	2012138094			JP	Pending	LSI Corporation
L11-0939JP1	Jun 19, 2012	2012138093			JP	Pending	LSI Corporation
L12-1221US1	Oct 2, 2012	13633211			US	Pending	LSI Corporation
L12-1566US1	Feb 27, 2013	13778860			US	Allowed	LSI Corporation
L12-1608US1	Dec 10, 2012	13710133			US	Pending	LSI Corporation
L12-1068US1	Sep 5, 2012	13604048			US	Pending	LSI Corporation
L12-1120US1	Aug 1, 2012	13564009			US	Pending	LSI Corporation
L12-1236US1	Oct 24, 2012	13658854	Apr 15, 2014	8698658	US	Issued	LSI Corporation
L12-1452US1	Oct 12, 2012	13650479	Apr 22, 2014	8705192	US	Issued	LSI Corporation
L12-1458US1	Nov 1, 2012	13666243			US	Pending	LSI Corporation
L12-1466US1	Aug 8, 2012	13569672			US	Pending	LSI Corporation
L12-1468US1	Oct 18, 2012	13654931	Jul 29, 2014	8792195	US	Issued	LSI Corporation
L12-1470US1	Jan 8, 2013	13736442	Jun 24, 2014	8760225	US	Issued	LSI Corporation
L12-1471US1	Dec 28, 2012	13729231			US	Pending	LSI Corporation
L12-1473US1	Oct 29, 2012	13662659			US	Pending	LSI Corporation
L12-1488RU1	Dec 17, 2012	2012154657			RU	Pending	LSI Corporation
L12-1498US1	Aug 10, 2012	13572284			US	Pending	LSI Corporation
L12-1506US1	Feb 6, 2013	13760609			US	Pending	LSI Corporation
L12-1514US1	Aug 28, 2012	13596733			US	Pending	LSI Corporation
L12-1522US1	Oct 3, 2012	13644181			US	Allowed	LSI Corporation
L12-1523US1	Oct 15, 2012	13652182	Jan 21, 2014	8634152	US	Issued	LSI Corporation
L12-1524RU1	Feb 27, 2013	2013108893			RU	Pending	LSI Corporation
L12-1533US1	Jan 10, 2013	13738185	Aug 12, 2014	8804889	US	Pending	LSI Corporation
L12-1549RU1	Jan 30, 2013	2013102854			RU	Pending	LSI Corporation
L12-1558US1	Nov 21, 2012	13683042			US	Pending	LSI Corporation
L12-1579US1	Oct 23, 2012	13657919			US	Pending	LSI Corporation
L12-1594US1	Dec 19, 2012	13719954			US	Pending	LSI Corporation
L12-1595US1	Nov 27, 2012	13685875			US	Pending	LSI Corporation
L12-1612US1	Oct 12, 2012	13650562	Aug 5, 2014	8797666	US	Allowed	LSI Corporation
L12-1620US1	Oct 12, 2012	13650601	Apr 15, 2014	8699164	US	Issued	LSI Corporation
L12-1626US1	Dec 8, 2012	13708941			US	Pending	LSI Corporation
L12-1629US1	Oct 16, 2012	13652706			US	Allowed	LSI Corporation
L12-1668RU1	Dec 24, 2012	2012156158			RU	Pending	LSI Corporation
L12-1800US1	Dec 10, 2012	13709743			US	Pending	LSI Corporation
L12-1801US1	Oct 30, 2012	13663534			US	Pending	LSI Corporation
L12-1802US1	Oct 25, 2012	13660520			US	Pending	LSI Corporation
L12-1254US1	Oct 24, 2012	13659036			US	Pending	LSI Corporation
L12-1044US1	Nov 7, 2012	13670579			US	Pending	LSI Corporation
L12-0335US1	Nov 6, 2012	13670393			US	Pending	LSI Corporation

L05-1742/2D	Jul 12, 2012	13547884	Oct 22, 2013	8566769	US	Issued	LSI Logic Corporation
L07-2347US2	Oct 1, 2012	13632768			US	Pending	LSI Logic Corporation
L04-2195US2	Jul 20, 2012	13554730			US	Pending	LSI Logic Corporation
L11-0895EP2	Jul 13, 2012	121764336			EP	Pending	LSI Corporation
L11-0937EP1	Jul 13, 2012	121764344			EP	Pending	LSI Corporation
L11-0938EP1	Jul 13, 2012	121764351			EP	Pending	LSI Corporation
L11-0939EP1	Jul 13, 2012	121764369			EP	Pending	LSI Corporation
L11-0101EP1	May 11, 2012	121676423			EP	Pending	LSI Corporation
L11-1391TW1	Jun 13, 2012	101121121			TW	Pending	LSI Corporation
L11-1391CN1	Nov 13, 2012	2012104518237			CN	Pending	LSI Corporation
L11-2460CN1	Apr 16, 2013	2013101300598			CN	Pending	LSI Corporation
L11-1785CN1	Feb 5, 2013	2013100447379			CN	Pending	LSI Corporation
L11-2459CN1	Apr 16, 2013	2013101307756			CN	Pending	LSI Corporation
L07-1715US2	Jul 12, 2012	13547940	Jun 18, 2013	8468418	US	Issued	LSI Logic Corporation
L11-1098US2	Jul 2, 2012	13539709	Jun 24, 2014	8760991	US	Issued	LSI Corporation
L09-0746EP1	Nov 30, 2009	097968754			EP	Pending	LSI Corporation
L09-0746CN1	Nov 30, 2009	2009801632383			CN	Pending	LSI Corporation
L09-0746JP1	Jul 10, 2012	2012541981			JP	Pending	LSI Corporation
L11-0938KR1	Jul 13, 2012	1020120076961			KR	Pending	LSI Corporation
L11-0939KR1	Jul 13, 2012	1020120076960			KR	Pending	LSI Corporation
L11-0937KR1	Jul 13, 2012	1020120076962			KR	Pending	LSI Corporation
L11-0895KR2	Jul 13, 2012	1020120076963			KR	Pending	LSI Corporation
L11-2334US2	Oct 28, 2012	13662504	May 20, 2014	8730750	US	Issued	LSI Corporation
L12-1160US1	Oct 15, 2012	13652012			US	Pending	LSI Corporation
L12-1196US1	Oct 18, 2012	13654706			US	Pending	LSI Corporation
L12-1513US1	Sep 4, 2012	13602757			US	Pending	LSI Corporation
L12-0991US1	Oct 15, 2012	13652046			US	Pending	LSI Corporation
L12-1276US1	Nov 20, 2012	13681917	May 20, 2014	8730606	US	Issued	LSI Corporation
L12-0210US1	Dec 20, 2012	13722296			US	Pending	LSI Corporation
L12-0181US1	Dec 20, 2012	13721417			US	Pending	LSI Corporation
L12-1071US1	Oct 18, 2012	13654893			US	Allowed	LSI Corporation
L12-1203US1	Dec 21, 2012	13724962			US	Allowed	LSI Corporation
L12-1394US1	Nov 28, 2012	13687688	Apr 1, 2014	8687310	US	Issued	LSI Corporation
L12-1019US1	Dec 21, 2012	13724946	Jul 8, 2014	8773799	US	Issued	LSI Corporation
L12-1580US1	Oct 5, 2012	13646386	Jun 25, 2013	8472295	US	Issued	LSI Corporation
L08-1179US2	Aug 8, 2012	13570050	Apr 2, 2013	8413020	US	Issued	LSI Corporation
L11-0101KR1	May 18, 2012	20120052748			KR	Pending	LSI Corporation
L02-5546-DE	Nov 12, 2003	030259097	Jun 13, 2012	60341232.7	DE	Issued	LSI Logic Corporation
L02-5546-GR BRIT	Nov 12, 2003	030259097	Jun 13, 2012	1422626	GB	Issued	LSI Logic Corporation
L12-0646US1	Oct 18, 2012	13654417			US	Pending	LSI Corporation
L12-1296US2	Sep 4, 2012	13602526			US	Pending	LSI Corporation
L12-1627US1	Nov 27, 2012	13686455			US	Pending	LSI Corporation
L12-1521US1	Nov 2, 2012	13667450			US	Pending	LSI Corporation
L12-0173US1	Oct 31, 2012	13664583			US	Pending	LSI Corporation
L11-1356KR1	Jun 27, 2012	20120068879	Feb 6, 2014	10-1362571	KR	Issued	LSI Corporation
L09-0015US2	Aug 3, 2012	13566586	May 20, 2014	8732340	US	Issued	LSI Corporation
L11-1682CN1	May 7, 2013	201310163457X			CN	Pending	LSI Corporation
L11-1682EP1	Apr 22, 2013	131646192			EP	Pending	LSI Corporation
L11-1682TW1	May 7, 2013	102116216			TW	Pending	LSI Corporation
L11-1454CN1	Feb 5, 2013	2013100439245			CN	Pending	LSI Corporation
L11-1454EP1	Jan 25, 2013	131526782			EP	Pending	LSI Corporation
L11-1688CN1	Mar 12, 2013	2013100770990			CN	Pending	LSI Corporation
L11-1356CN1	Jun 28, 2012	2012102208043			CN	Pending	LSI Corporation
L11-0938TW1	Jul 16, 2012	101125546			TW	Pending	LSI Corporation
L11-2460EP1	Apr 16, 2013	131638728			EP	Pending	LSI Corporation
L11-1785EP1	Jan 25, 2013	131526816			EP	Pending	LSI Corporation
L10-0516EP1	Aug 16, 2012	121806335			EP	Pending	LSI Corporation
L10-0516KR1	Aug 22, 2012	20120091897			KR	Pending	LSI Corporation
L11-2557US1	Feb 28, 2013	13780222	Apr 29, 2014	8713495	US	Issued	LSI Corporation
L11-2558US1	Apr 17, 2013	13864841			US	Pending	LSI Corporation
L12-1638US1	Nov 15, 2012	13677938			US	Pending	LSI Corporation
L12-1857US1	Feb 7, 2013	13761397			US	Pending	LSI Corporation
L12-1978US1	Aug 30, 2012	13598932			US	Pending	LSI Corporation
L12-1541US1	Dec 12, 2012	13711885			US	Pending	LSI Corporation
L12-1804US1	Jan 7, 2013	13735720			US	Pending	LSI Corporation
L12-1896US2	Dec 12, 2012	13712677			US	Pending	LSI Corporation
L12-1796US1	Oct 31, 2012	13664766			US	Pending	LSI Corporation
L12-1927US1	Nov 29, 2012	13688280			US	Pending	LSI Corporation
L12-1892US1	Nov 6, 2012	13670115			US	Pending	LSI Corporation
L12-2039US1	Nov 21, 2012	13683531			US	Pending	LSI Corporation
L12-1634US1	Jan 18, 2013	13744563			US	Pending	LSI Corporation
L12-1628US1	Nov 27, 2012	13686164			US	Pending	LSI Corporation
L12-1883US1	Dec 4, 2012	13705116			US	Pending	LSI Corporation
L12-2031US1	Aug 28, 2012	13597046			US	Pending	LSI Corporation
L12-1480US1	Oct 26, 2012	13661250			US	Allowed	LSI Corporation
L12-2004US1	Jan 8, 2013	13736528			US	Pending	LSI Corporation
L12-1674US1	Nov 7, 2012	13671147			US	Pending	LSI Corporation
L12-1898US1	Jan 23, 2013	13748082			US	Pending	LSI Corporation
L12-1962US1	Jan 23, 2013	13747814			US	Pending	LSI Corporation
L12-1977US1	Jan 3, 2013	13733578			US	Pending	LSI Corporation
L11-0939TW2	Jul 16, 2012	101125550			TW	Pending	LSI Corporation
L12-1880US1	Jan 17, 2013	13743687			US	Pending	LSI Corporation
L12-1822WO1	Aug 27, 2013	PCTUS1356770			WO	Pending	LSI Corporation
L12-1843WO1	Aug 28, 2013	PCTUS1356937			WO	Pending	LSI Corporation
L12-1873RU1	Feb 14, 2013	2013106513			RU	Pending	LSI Corporation
L12-1875WO1	Sep 13, 2013	PCTUS1359704			WO	Pending	LSI Corporation
L12-1658WO1	Jan 18, 2013	PCTUS1322318			WO	Pending	LSI Corporation
L12-1951US1	Oct 31, 2012	13664886	Jul 15, 2014	8782292	US	Issued	LSI Corporation
L12-2034WO1	Mar 14, 2013	PCTUS1331306			WO	Pending	LSI Corporation
L12-1808WO1	Jan 18, 2013	PCTUS1322321			WO	Pending	LSI Corporation
L12-1849WO1	Feb 2, 2013	PCTUS1324536			WO	Pending	LSI Corporation
L12-2033WO1	Mar 15, 2013	PCTUS1331892			WO	Pending	LSI Corporation
L12-1948US1	Nov 7, 2012	13671070			US	Pending	LSI Corporation
L11-1605US1	Nov 6, 2012	13669737	Jun 24, 2014	8762907	US	Issued	LSI Corporation
L11-0937TW2	Jul 16, 2012	101125548			TW	Pending	LSI Corporation
L12-0493US1	Sep 18, 2012	13622294			US	Pending	LSI Corporation
L08-1178US2	Aug 27, 2012	13594888			US	Pending	LSI Corporation
L12-1410US2	Nov 30, 2012	13690130			US	Pending	LSI Corporation

L12-1813US1	Nov 7, 2012	13671253			US	Pending	LSI Corporation
L11-0825EP1	Feb 7, 2013	131544520			EP	Pending	LSI Corporation
L11-0825CN1	Oct 30, 2012	2012104229928			CN	Pending	LSI Corporation
L11-0825JP1	Nov 15, 2012	2012250784			JP	Pending	LSI Corporation
L11-0825KR1	Nov 7, 2012	20120125139			KR	Pending	LSI Corporation
L11-0825TW1	Oct 2, 2012	101136382			TW	Pending	LSI Corporation
L11-1514EP1	Mar 11, 2013	131586125			EP	Pending	LSI Corporation
L11-1514CN1	Oct 30, 2012	2012104243573			CN	Pending	LSI Corporation
L11-1514JP1	Nov 15, 2012	2012250785			JP	Pending	LSI Corporation
L11-1514KR1	Nov 7, 2012	20120125506			KR	Pending	LSI Corporation
L11-1514TW1	Oct 2, 2012	101136383			TW	Pending	LSI Corporation
L11-1211CN1	Oct 29, 2012	2012104209623			CN	Pending	LSI Corporation
L12-2091US1	Dec 6, 2012	13707195			US	Pending	LSI Corporation
L12-2161US1	Dec 14, 2012	13715465			US	Pending	LSI Corporation
L12-2176US1	Nov 28, 2012	13687689			US	Pending	LSI Corporation
L12-2224US1	Feb 7, 2013	13761608			US	Pending	LSI Corporation
L12-2448US1	Nov 5, 2012	13668379			US	Pending	LSI Corporation
L02-5681-GERMANY	Nov 3, 2003	030251383	Sep 26, 2012	60342168.7	DE	Issued	LSI Logic Corporation
L02-5681-GR BRIT	Nov 3, 2003	030251383	Sep 26, 2012	1424596	GB	Issued	LSI Logic Corporation
L12-2314US1	Oct 31, 2012	13664977			US	Pending	LSI Corporation
L12-2321US1	Oct 31, 2012	13665038			US	Pending	LSI Corporation
L12-2346US1	Oct 31, 2012	13665098	Jun 17, 2014	8756345	US	Issued	LSI Corporation
L12-2382US1	Jan 8, 2013	13736149			US	Pending	LSI Corporation
L12-2402US1	Feb 19, 2013	13770203			US	Pending	LSI Corporation
L12-2428US1	Nov 29, 2012	13688368			US	Pending	LSI Corporation
L12-2444US1	Jan 8, 2013	13736218			US	Pending	LSI Corporation
L12-1954US1	Feb 26, 2013	13777484			US	Pending	LSI Corporation
L12-2090US1	Jan 31, 2013	13755757			US	Pending	LSI Corporation
L12-2092US1	Feb 27, 2013	13778728			US	Pending	LSI Corporation
L12-2419US1	Mar 14, 2013	13803946			US	Pending	LSI Corporation
L12-2076US1	Jan 23, 2013	13748260			US	Pending	LSI Corporation
L12-2232US1	Dec 28, 2012	13729966			US	Pending	LSI Corporation
L11-2047US1	Feb 8, 2013	13762686			US	Pending	LSI Corporation
L12-2171US1	Dec 31, 2012	13731693			US	Pending	LSI Corporation
L12-2267US1	Nov 19, 2012	13680497			US	Pending	LSI Corporation
L12-2142US1	Dec 3, 2012	13692908			US	Pending	LSI Corporation
L12-2200US1	Dec 7, 2012	13707898	May 13, 2014	8724243	US	Issued	LSI Corporation
L12-2294US1	Nov 27, 2012	13685990			US	Pending	LSI Corporation
L12-1899US1	Dec 28, 2012	13729296			US	Pending	LSI Corporation
L12-1831US1	Nov 26, 2012	13684838			US	Pending	LSI Corporation
L11-1356JP1	Aug 23, 2012	2012183772			JP	Pending	LSI Corporation
L11-0895TW2	Jul 16, 2012	101125554			TW	Pending	LSI Corporation
L11-1211TW1	Sep 26, 2012	101135408			TW	Pending	LSI Corporation
L06-1513-JP-DIV1	Oct 9, 2012	2012223983			JP	Pending	LSI Corporation
L06-1513-JP-DIV2	Oct 9, 2012	2012223984			JP	Pending	LSI Corporation
L12-2147US1	Feb 14, 2013	13767317	Jul 8, 2014	8773789	US	Issued	LSI Corporation
L11-0633FR1	Sep 17, 2012	121846919			FR	Pending	LSI Corporation
L11-0633GERMANY1	Sep 17, 2012	121846919			DE	Pending	LSI Corporation
L11-0633GR BRIT1	Sep 17, 2012	121846919			GB	Pending	LSI Corporation
L11-0633EP1	Sep 17, 2012	121846919			EP	Pending	LSI Corporation
L10-0101FR1	Sep 17, 2012	121846968			FR	Pending	LSI Corporation
L10-0101GERMAN1	Sep 17, 2012	121846968			DE	Pending	LSI Corporation
L10-0101GR BRIT1	Sep 17, 2012	121846968			GB	Pending	LSI Corporation
L10-0576CN1	Sep 28, 2012	2012105439675			CN	Pending	LSI Corporation
L10-0576EP1	Sep 26, 2012	121861389			EP	Pending	LSI Corporation
L10-0576KR1	Sep 27, 2012	20120107537			KR	Pending	LSI Corporation
L10-0601CN1	Sep 28, 2012	2012105958681			CN	Pending	LSI Corporation
L10-0601EP1	Sep 26, 2012	121860431			EP	Pending	LSI Corporation
L10-0601KR1	Sep 27, 2012	20120107541			KR	Pending	LSI Corporation
L12-2371US1	Dec 24, 2012	13726282			US	Pending	LSI Corporation
L09-0528US2	Oct 11, 2012	13649909	Sep 24, 2013	8543951	US	Issued	LSI Corporation
L07-2032US2	Sep 27, 2012	13628554			US	Pending	LSI Corporation
L12-1033US1	Jan 16, 2013	13742753	Jun 3, 2014	8743493	US	Issued	LSI Corporation
L12-1142US2	Oct 2, 2012	13633334	Apr 8, 2014	8694951	US	Issued	LSI Corporation
L07-0479-FR	Mar 3, 2008	087263588	Sep 5, 2012	2158590	FR	Issued	LSI Corporation
L07-0479-GERMANY	Mar 3, 2008	087263588	Sep 5, 2012	602008018555.9	DE	Issued	LSI Corporation
L07-0479-GR BRIT	Mar 3, 2008	087263588	Sep 5, 2012	2158590	GB	Issued	LSI Corporation
L12-2160US1	Mar 15, 2013	13842259			US	Pending	LSI Corporation
L12-2097CN1	Jan 9, 2013	2013100071892			CN	Pending	LSI Corporation
L12-2140US1	Nov 28, 2012	13688001			US	Pending	LSI Corporation
L11-0314US3	Jul 10, 2012	13545784	Dec 10, 2013	8604960	US	Issued	LSI Corporation
L12-2372US1	Dec 17, 2012	13716597			US	Pending	LSI Corporation
L12-2165US1	Dec 3, 2012	13692118			US	Pending	LSI Corporation
L12-2235US1	Dec 17, 2012	13716433			US	Pending	LSI Corporation
L06-1466-JP2	Oct 19, 2012	2012232276			JP	Pending	LSI Corporation
L11-0477CN1	Nov 2, 2012	2012104345717			CN	Pending	LSI Corporation
L11-0477EP1	Oct 30, 2012	121905467			EP	Pending	LSI Corporation
L11-0477JP1	Oct 23, 2012	2012233509			JP	Pending	LSI Corporation
L11-0477KR1	Oct 19, 2012	20120116719			KR	Pending	LSI Corporation
L11-0477TW1	Oct 5, 2012	101136814			TW	Pending	LSI Corporation
L11-1114CN1	Oct 31, 2012	2012104278322			CN	Pending	LSI Corporation
L11-1114EP1	Oct 18, 2012	121891097			EP	Pending	LSI Corporation
L11-1114JP1	Oct 16, 2012	2012229045			JP	Pending	LSI Corporation
L11-1114KR1	Oct 17, 2012	20120115293			KR	Pending	LSI Corporation
L11-1114TW1	Oct 1, 2012	101136189			TW	Pending	LSI Corporation
L11-2605US1	Jun 12, 2013	13915823			US	Pending	LSI Corporation
L11-2582US1	Jun 10, 2013	13914035			US	Pending	LSI Corporation
L12-1758US1	Nov 20, 2012	13681483			US	Pending	LSI Corporation
L12-1803US1	Jan 11, 2013	13739804			US	Pending	LSI Corporation
L12-2488US1	Dec 14, 2012	13715107			US	Pending	LSI Corporation
L12-2594US1	Dec 13, 2012	13713047			US	Pending	LSI Corporation
L12-2576US1	Feb 12, 2013	13764893			US	Pending	LSI Corporation
L12-2821US1	Jan 4, 2013	13734099			US	Pending	LSI Corporation
L12-2621US1	May 3, 2013	13886333			US	Pending	LSI Corporation
L12-2637US1	Jan 31, 2013	13755684			US	Pending	LSI Corporation
L12-2638US1	Feb 14, 2013	13767302			US	Pending	LSI Corporation
L12-2755US1	Dec 13, 2012	13713363			US	Pending	LSI Corporation
L12-2611US1	Dec 20, 2012	13721739			US	Pending	LSI Corporation

L12-2600US1	Jan 7, 2013	13735272			US	Pending	LSI Corporation
L12-2500US1	Dec 10, 2012	13710351			US	Pending	LSI Corporation
L12-2509US1	Jan 15, 2013	13742336			US	Pending	LSI Corporation
L12-2649US1	Dec 13, 2012	13714233			US	Pending	LSI Corporation
L12-2793US1	Jan 14, 2013	13741003			US	Pending	LSI Corporation
L05-2142/2D	Oct 22, 2012	13657000			US	Pending	LSI Logic Corporation
L12-0958US2	Mar 15, 2013	13837189			US	Pending	LSI Corporation
L12-0958US3	Mar 15, 2013	13837348			US	Pending	LSI Corporation
L12-0958US4	Mar 15, 2013	13837561			US	Pending	LSI Corporation
L12-0958US5	Mar 15, 2013	13837723			US	Pending	LSI Corporation
L12-0958US6	Mar 15, 2013	13837929			US	Pending	LSI Corporation
L12-0958US7	Mar 15, 2013	13838101			US	Pending	LSI Corporation
L12-0958US8	Mar 15, 2013	13838268			US	Pending	LSI Corporation
L12-2477US1	Dec 28, 2012	13729405			US	Pending	LSI Corporation
L12-2059US1	Jan 18, 2013	13745363			US	Pending	LSI Corporation
L07-1046US3	Oct 23, 2012	13658336			US	Pending	LSI Logic Corporation
L11-1590WO3	Oct 26, 2012	PCTUS1262191			WO	Pending	LSI Corporation
L11-1590WO4	Oct 26, 2012	PCTUS1262195			WO	Pending	LSI Corporation
L09-0341US2	Nov 19, 2012	13681283	Apr 8, 2014	8694937	US	Issued	LSI Corporation
L11-1211KR1	Oct 19, 2012	20120116522			KR	Pending	LSI Corporation
L07-0524US3	Oct 30, 2012	13663753			US	Pending	LSI Logic Corporation
L11-2560US1	Nov 8, 2012	13671640			US	Pending	LSI Corporation
L08-1242US2	Nov 9, 2012	13672749	Jul 8, 2014	8773188	US	Issued	LSI Corporation
L12-2766US1	Dec 14, 2012	13715103			US	Pending	LSI Corporation
L12-2858IN1	Mar 11, 2013	272KOL2013			IN	Pending	LSI Corporation
L12-3015IN1	Mar 11, 2013	270KOL2013			IN	Pending	LSI Corporation
L12-3275US1	Feb 4, 2013	13758853			US	Pending	LSI Corporation
L12-3001US1	Feb 13, 2013	13765922			US	Pending	LSI Corporation
L12-3058IN1	Feb 25, 2013	819CHE2013			IN	Pending	LSI Corporation
L12-3064US1	Feb 14, 2013	13766985			US	Pending	LSI Corporation
L12-0153US1	Nov 8, 2012	13672348			US	Pending	LSI Corporation
L09-0522-GERMANY1	Mar 25, 2011	111597209	Oct 31, 2012	602011000371.2	DE	Issued	LSI Corporation
L09-0522-GR BRIT1	Mar 25, 2011	111597209	Oct 31, 2012	2375332	GB	Issued	LSI Corporation
L11-0938CN2	Jul 13, 2012	2012102442055			CN	Pending	LSI Corporation
L11-0937CN2	Jul 13, 2012	2012102442360			CN	Pending	LSI Corporation
L11-0939CN2	Jul 13, 2012	2012102449904			CN	Pending	LSI Corporation
L11-2394CN1	Mar 29, 2013	2013101059826			CN	Pending	LSI Corporation
L11-2394JP1	Apr 2, 2013	2013076760			JP	Pending	LSI Corporation
L11-2394KR1	Mar 28, 2013	20130033647			KR	Pending	LSI Corporation
L11-2394TW1	Nov 12, 2012	101142040			TW	Pending	LSI Corporation
L11-1391JP1	Nov 2, 2012	2012242877			JP	Pending	LSI Corporation
L12-3021US1	Feb 11, 2013	13763909			US	Pending	LSI Corporation
L12-3087US1	Jan 15, 2013	13741465			US	Pending	LSI Corporation
L12-3113US1	Feb 19, 2013	13770379			US	Pending	LSI Corporation
L12-2726US1	Feb 11, 2013	13763890			US	Pending	LSI Corporation
L12-2748US1	Feb 1, 2013	13757027			US	Allowed	LSI Corporation
L12-2898US1	Jan 24, 2013	13748879			US	Pending	LSI Corporation
L12-2913US1	Feb 15, 2013	13768215			US	Pending	LSI Corporation
L12-2940US1	Feb 12, 2013	13765034			US	Allowed	LSI Corporation
L12-3221CN1	Jan 29, 2013	2013100337862			CN	Pending	LSI Corporation
L11-1283US3	Jun 5, 2013	13910582			US	Pending	LSI Corporation
L12-2979US1	Feb 14, 2013	13767467			US	Pending	LSI Corporation
L12-2862US1	Feb 14, 2013	13766874			US	Pending	LSI Corporation
L12-2861US1	Feb 19, 2013	13770008			US	Pending	LSI Corporation
L12-2987US1	Feb 14, 2013	13766857			US	Pending	LSI Corporation
L12-3198US1	Feb 19, 2013	13769888			US	Pending	LSI Corporation
L12-3209US1	Jan 17, 2013	13743411	Apr 8, 2014	8693125	US	Issued	LSI Corporation
L12-3104US1	Jan 15, 2013	13741482			US	Pending	LSI Corporation
L12-3101US1	Jan 18, 2013	13744519			US	Pending	LSI Corporation
L11-0895-CN2	Jul 13, 2012	2012102449143			CN	Pending	LSI Corporation
L12-2765US1	Feb 8, 2013	13762813	Jun 24, 2014	8759914	US	Issued	LSI Corporation
L12-2729IN1	Apr 1, 2013				IN	Pending	LSI Corporation
L12-2613US1	Feb 6, 2013	13760447			US	Pending	LSI Corporation
L12-2645US1	Jan 21, 2013	13746301			US	Pending	LSI Corporation
L12-2627US1	Feb 14, 2013	13766891			US	Pending	LSI Corporation
L12-2517US1	Jan 8, 2013	13736804	Apr 1, 2014	8687301	US	Issued	LSI Corporation
L12-2754IN1	Mar 6, 2013	685MUM2013			IN	Pending	LSI Corporation
L12-2545US1	Feb 14, 2013	13766911			US	Pending	LSI Corporation
L12-2544US1	Feb 26, 2013	13777825			US	Pending	LSI Corporation
L11-2592US1	Jul 18, 2013	13945080			US	Pending	LSI Corporation
L11-2107JP1	Nov 27, 2012	2012258390			JP	Pending	LSI Corporation
L11-2107KR1	Nov 23, 2012	1020120134041			KR	Pending	LSI Corporation
L12-3055US1	Feb 27, 2013	13778258			US	Pending	LSI Corporation
L12-1874US2	Feb 22, 2013	13773886	Jun 17, 2014	8755138	US	Issued	LSI Corporation
L11-1590US2	Apr 24, 2013	13701374			US	Pending	LSI Corporation
L11-1590US3	Apr 23, 2013	13701397			US	Pending	LSI Corporation
L11-1590US4	Nov 30, 2012	13701415			US	Pending	LSI Corporation
L11-1591US1	Nov 30, 2012	13701376			US	Pending	LSI Corporation
L08-0671US2	Dec 5, 2012	13705407	Aug 27, 2013	8522120	US	Issued	LSI Corporation
L11-1330US1	Dec 6, 2012	13706698			US	Pending	LSI Corporation
L12-1881US1	Dec 20, 2012	13722207			US	Pending	LSI Corporation
L12-3304US1	Feb 8, 2013	13763152			US	Pending	LSI Corporation
L12-3365US1	Jan 31, 2013	13755567			US	Pending	LSI Corporation
L12-3324US1	Feb 7, 2013	13762073			US	Pending	LSI Corporation
L12-3408US1	Feb 6, 2013	13760990			US	Pending	LSI Corporation
L12-3327US1	Mar 11, 2013	13792980			US	Pending	LSI Corporation
L12-3290US2	Jul 3, 2013	13934999			US	Pending	LSI Corporation
L12-3321US1	Jan 25, 2013	13750200			US	Pending	LSI Corporation
L12-3262RU1	Feb 13, 2013	2013106319			RU	Pending	LSI Corporation
L12-3301RU1	Feb 13, 2013	2013106357			RU	Pending	LSI Corporation
L12-3514US1	Feb 26, 2013	13776893			US	Pending	LSI Corporation
L12-3228US1	Feb 25, 2013	13776160			US	Pending	LSI Corporation
L11-1048US2	Dec 19, 2012	13719742			US	Pending	LSI Corporation
L12-3168US1	Feb 14, 2013	13767043			US	Pending	LSI Corporation
L04-0956US4	Dec 20, 2012	13722648			US	Pending	LSI Logic Corporation
L12-3161US1	Feb 14, 2013	13767103			US	Pending	LSI Corporation
L12-3159US1	Feb 7, 2013	13761892			US	Pending	LSI Corporation
L12-2570US1	Feb 25, 2013	13775942			US	Pending	LSI Corporation

L12-2893US1	Mar 4, 2013	13784369			US	Pending	LSI Corporation
O9-0194DE1	May 13, 2010	102509155	Mar 27, 2013	602010005776.3	DE	Issued	LSI Corporation
O9-0194GR BRIT1	May 13, 2010	102509155	Mar 27, 2013	2290544	GB	Issued	LSI Corporation
L12-3579US1	Aug 20, 2013	13970907			US	Pending	LSI Corporation
L12-3266US1	Mar 4, 2013	13784448			US	Pending	LSI Corporation
L12-3591US1	Mar 13, 2013	13798638			US	Pending	LSI Corporation
L12-3616US1	May 21, 2013	13898685			US	Pending	LSI Corporation
L12-3548US2	Mar 12, 2013	13796015			US	Pending	LSI Corporation
L12-3617US1	Mar 14, 2013	13804495			US	Pending	LSI Corporation
O9-0015EP1-DIV	May 14, 2010	121890065			EP	Pending	LSI Corporation
L11-2611US1	Jan 17, 2013	13743381			US	Pending	LSI Corporation
L11-1391KR1	Nov 19, 2012	20120131265			KR	Pending	LSI Corporation
L12-1969US1	Jan 15, 2013	13742340			US	Pending	LSI Corporation
L12-3853WO1	Apr 16, 2013	PCTRU2013000321			WO	Pending	LSI Corporation
L12-3854WO1	Apr 8, 2013	PCTRU2013000298			WO	Pending	LSI Corporation
L12-1309TW1	Jul 15, 2013	102125211			TW	Pending	LSI Corporation
L12-1393TW1	Jul 22, 2013	102126106			TW	Pending	LSI Corporation
L12-1883TW1	Oct 4, 2013	102136029			TW	Pending	LSI Corporation
L12-1626TW1	Oct 8, 2013	102136339			TW	Pending	LSI Corporation
O6-1933-FRANCE	Sep 21, 2007	078430089	May 1, 2013	2115551	FR	Issued	LSI Logic Corporation
O6-1933-GERMANY	Sep 21, 2007	078430089	May 1, 2013	602007030229.3	DE	Issued	LSI Logic Corporation
L11-1356EP1	Dec 21, 2012	121991061			EP	Pending	LSI Corporation
L11-1785JP1	Jan 22, 2013	JP2013008912			JP	Pending	LSI Corporation
L11-1454JP1	Jan 23, 2013	JP2013009873			JP	Pending	LSI Corporation
O6-1597-JP2	Dec 4, 2012	2012265291			JP	Pending	LSI Logic Corporation
L11-1811EP1	Dec 28, 2012	121996946			EP	Pending	LSI Corporation
L11-1811KR1	Dec 27, 2012	20120155018			KR	Pending	LSI Corporation
L11-1811TW1	Jan 3, 2013	102100097			TW	Pending	LSI Corporation
O8-0556FR1	Jan 5, 2010	101501476	May 1, 2013	2207102	FR	Issued	LSI Corporation
O8-0556GERMANY1	Jan 5, 2010	101501476	May 1, 2013	602010006598.7	DE	Issued	LSI Corporation
O8-0556GR BRIT1	Jan 5, 2010	101501476	May 1, 2013	2207102	GB	Issued	LSI Corporation
L11-1811JP1	Jan 10, 2013	2013002710			JP	Pending	LSI Corporation
L11-2107EP1	Jan 31, 2013	131535437			EP	Pending	LSI Corporation
L12-0366US2	Jan 31, 2013	13755998			US	Pending	LSI Corporation
L12-1822RU1	Feb 5, 2013	2013104895			RU	Pending	LSI Corporation
O4-0746US2	Feb 25, 2013	13775922	Feb 18, 2014	8653357	US	Issued	LSI Logic Corporation
L12-1843RU1	Feb 5, 2013	2013104894			RU	Pending	LSI Corporation
L11-1811CN1	Jan 26, 2013	2013100311330			CN	Pending	LSI Corporation
L12-3629US1	Aug 20, 2013	13970991			US	Pending	LSI Corporation
L12-3839US1	Mar 8, 2013	13790488			US	Pending	LSI Corporation
L12-2875US1	Feb 19, 2013	13770030			US	Pending	LSI Corporation
O8-0104US2	Feb 7, 2013	13761828	Mar 4, 2014	8667438	US	Issued	LSI Logic Corporation
L12-1393CN1	Jul 18, 2013	201310301323X			CN	Pending	LSI Corporation
L12-1883CN1	Nov 5, 2013	2013105407575			CN	Pending	LSI Corporation
L12-1626CN1	Sep 27, 2013	2013104473438			CN	Pending	LSI Corporation
L11-1785KR1	Feb 5, 2013	20130013042			KR	Pending	LSI Corporation
L11-1454KR1	Feb 8, 2013	20130014267			KR	Pending	LSI Corporation
O7-0891-FRANCE	Sep 18, 2007	078427002	Jan 23, 2013	2126705	FR	Issued	LSI Logic Corporation
O7-0891-GERMANY	Sep 18, 2007	078427002	Jan 23, 2013	60 2007 028 276.4	DE	Issued	LSI Logic Corporation
O7-2042-JP-2	Feb 15, 2013	2013027597	Aug 30, 2013	5350550	JP	Issued	LSI Logic Corporation
L13-0096US1	Apr 22, 2013	13867324			US	Pending	LSI Corporation
L13-0113US1	Mar 13, 2013	13800370			US	Pending	LSI Corporation
L13-0370US1	Apr 23, 2013	13868779			US	Pending	LSI Corporation
L12-2951US2	Feb 14, 2013	13767507			US	Pending	LSI Corporation
L10-0177US2	Feb 28, 2013	13780123			US	Pending	LSI Corporation
L12-2953US2	Feb 20, 2013	13771882			US	Pending	LSI Corporation
O8-0993US2	Feb 15, 2013	13767894	Dec 3, 2013	8601046	US	Issued	LSI Corporation
L11-2107CN1	Jan 31, 2013	2013100392003			CN	Pending	LSI Corporation
L12-2314TW1	Feb 22, 2013	102106300			TW	Pending	LSI Corporation
L12-1541TW1	Feb 22, 2013	102106304			TW	Pending	LSI Corporation
L12-1896TW1	Feb 22, 2013	102106302			TW	Pending	LSI Corporation
L11-2107TW1	Jan 30, 2013	102103475			TW	Pending	LSI Corporation
L11-1785TW1	Feb 5, 2013	102104392			TW	Pending	LSI Corporation
L12-2612US2	Feb 25, 2013	13775559			US	Pending	LSI Corporation
L12-0622US2	Feb 25, 2013	13775675			US	Pending	LSI Corporation
L12-3495US2	Mar 4, 2013	13783787			US	Pending	LSI Corporation
L12-3292US2	Mar 13, 2013	13798452			US	Pending	LSI Corporation
L12-3425US2	Mar 15, 2013	13833127			US	Pending	LSI Corporation
L11-1454TW1	Feb 7, 2013	102104922			TW	Pending	LSI Corporation
L13-0436IN1	May 7, 2013	2043CHE2013			IN	Pending	LSI Corporation
L13-0537IN1	Apr 26, 2013	1886CHE2013			IN	Pending	LSI Corporation
L13-0495IN1	Apr 4, 2013	1539CHE2013			IN	Pending	LSI Corporation
L13-0445IN1	May 24, 2013	599KOL2013			IN	Pending	LSI Corporation
L13-0450IN1	May 20, 2013	580KOL2013			IN	Pending	LSI Corporation
L11-2606US1	Feb 20, 2013	13771384			US	Pending	LSI Corporation
L12-2097US1	Feb 25, 2013	13775501			US	Pending	LSI Corporation
L12-0598TW1	Feb 19, 2013	102105705			TW	Pending	LSI Corporation
L11-1326TW1	Feb 20, 2013	102105813			TW	Allowed	LSI Corporation
L12-1835RU1	Feb 28, 2013	2013109063			RU	Pending	LSI Corporation
L12-2314KR1	Feb 28, 2013	20130021810			KR	Pending	LSI Corporation
L12-0598KR1	Feb 28, 2013	20130022004			KR	Pending	LSI Corporation
L12-1541KR1	Feb 28, 2013	20130022241			KR	Pending	LSI Corporation
L12-1875RU1	Mar 11, 2013	2013110494			RU	Pending	LSI Corporation
L12-3452US2	Feb 26, 2013	13776905			US	Pending	LSI Corporation
L12-3221US1	Feb 26, 2013	13777025			US	Pending	LSI Corporation
L12-2103US2	Feb 26, 2013	13777381			US	Pending	LSI Corporation
L12-2190US2	Feb 26, 2013	13777841			US	Pending	LSI Corporation
L12-2410US2	Feb 26, 2013	13777915			US	Pending	LSI Corporation
L12-3031US2	Feb 26, 2013	13777937			US	Pending	LSI Corporation
L12-1998US2	Feb 26, 2013	13777976			US	Pending	LSI Corporation
L12-0353US2	Feb 27, 2013	13778636			US	Pending	LSI Corporation
L11-2314US2	Mar 1, 2013	13781848			US	Pending	LSI Corporation
O9-0771US2	Mar 8, 2013	13789829	Feb 25, 2014	8661311	US	Issued	LSI Corporation
L12-3019US2	Mar 13, 2013	13800120			US	Pending	LSI Corporation
L12-3660US2	Mar 5, 2013	13785186			US	Pending	LSI Corporation
L12-3274US2	Mar 12, 2013	13796264			US	Pending	LSI Corporation
L11-1688JP1	Mar 5, 2013	JP2013043156			JP	Pending	LSI Corporation
L12-3397US2	Mar 7, 2013	13788303			US	Pending	LSI Corporation

L10-0406US2	Mar 11, 2013	13793274			US	Pending	LSI Corporation
L11-1326KR1	Mar 5, 2013	20130023526			KR	Pending	LSI Corporation
L12-3579IN1	Mar 8, 2013	1006CHE2013			IN	Pending	LSI Corporation
L12-3629IN1	Mar 8, 2013				IN	Pending	LSI Corporation
L07-0891-GR BRIT	Sep 18, 2007	078427002	Jan 23, 2013	2126705	GB	Issued	LSI Logic Corporation
L12-3327CN1	Feb 25, 2013	2013100579452			CN	Pending	LSI Corporation
L12-3264US2	Mar 7, 2013	13788253	Apr 8, 2014	8693121	US	Issued	LSI Corporation
L12-3679US2	Mar 15, 2013	13832633			US	Pending	LSI Corporation
L12-3282US2	Mar 14, 2013	13803435			US	Pending	LSI Corporation
L10-0576US2	Mar 15, 2013	13834648			US	Pending	LSI Corporation
L12-2831US1	Apr 16, 2013	13863462			US	Pending	LSI Corporation
L10-0062FR1	Apr 1, 2005	057186181	Mar 13, 2013	1738433	FR	Issued	LSI Corporation
L10-0062DE1	Apr 1, 2005	057186181	Mar 13, 2013	602005038554.1	DE	Issued	LSI Corporation
L10-0062GB1	Apr 1, 2005	057186181	Mar 13, 2013	1738433	GB	Issued	LSI Corporation
L11-1688TW1	Mar 12, 2013	102108656			TW	Pending	LSI Corporation
L08-0971DE1	Sep 16, 2009	092521962	Mar 20, 2013	602009014127.9	DE	Issued	LSI Corporation
L11-1688KR1	Mar 12, 2013	20120026352			KR	Pending	LSI Corporation
L13-0703IN1	Apr 29, 2013				IN	Pending	LSI Corporation
L12-3147US2	Mar 8, 2013	13790503			US	Pending	LSI Corporation
L13-0088US2	Apr 1, 2013	13854263			US	Pending	LSI Corporation
L12-3568US2	Mar 12, 2013	13795350			US	Pending	LSI Corporation
L12-3780US2	Mar 12, 2013	13796153			US	Pending	LSI Corporation
L12-2333US2	Mar 13, 2013	13802627			US	Pending	LSI Corporation
L12-3605US2	Mar 15, 2013	13833691			US	Pending	LSI Corporation
L12-2753US2	Apr 17, 2013	13864494			US	Pending	LSI Corporation
L12-3469US2	Apr 19, 2013	13866888			US	Allowed	LSI Corporation
L12-2071US2	May 6, 2013	13887665			US	Pending	LSI Corporation
L12-3586IN1	May 9, 2013	530KOL2013			IN	Pending	LSI Corporation
L12-3659US2	Mar 13, 2013	13798525			US	Pending	LSI Corporation
L12-3712US2	Mar 13, 2013	13799037			US	Pending	LSI Corporation
L12-3777US2	Mar 14, 2013	13804839			US	Pending	LSI Corporation
L12-2324US3	Mar 27, 2013	13851502			US	Pending	LSI Corporation
L12-2764US1	Mar 14, 2013	13804632			US	Pending	LSI Corporation
L11-1561US2	Nov 26, 2013	14090555			US	Pending	LSI Corporation
L12-3323US2	Mar 14, 2013	13828126			US	Pending	LSI Corporation
L99-055-FR	Mar 20, 2000	003022464	Apr 23, 2014	1039521	FR	Issued	LSI Logic Corporation
L99-055-GERMANY	Mar 20, 2000	003022464	Apr 23, 2014	1039521	DE	Issued	LSI Logic Corporation
L99-055-GR BRIT	Mar 20, 2000	003022464	Apr 23, 2014	1039521	GB	Issued	LSI Logic Corporation
L12-0598EP1	Mar 6, 2013	131580417			EP	Pending	LSI Corporation
L11-1326EP1	Mar 14, 2013	131592107			EP	Pending	LSI Corporation
L12-2713US2	Mar 14, 2013	13831246			US	Pending	LSI Corporation
L12-2720US2	Mar 15, 2013	13832503			US	Pending	LSI Corporation
L12-2308US2	Mar 15, 2013	13833198			US	Pending	LSI Corporation
L11-1326JP1	Mar 25, 2013	2013061970			JP	Pending	LSI Corporation
L12-0598JP1	Mar 18, 2013	2013054867			JP	Pending	LSI Corporation
L12-2071US3	May 6, 2013	13887720			US	Pending	LSI Corporation
L06-1597-FRANCE	Sep 28, 2007	078391067	Jun 19, 2013	2092759	FR	Issued	LSI Logic Corporation
L06-1597-GERMANY	Sep 28, 2007	078391067	Jun 19, 2013	602007031179.9	DE	Issued	LSI Logic Corporation
L11-1326CN1	Mar 27, 2013	201310102102x			CN	Pending	LSI Corporation
L12-3416US2	Mar 26, 2013	13850942			US	Pending	LSI Corporation
L12-2524US2	Mar 27, 2013	13851734			US	Pending	LSI Corporation
L12-2712US2	Mar 28, 2013	13852548			US	Pending	LSI Corporation
L12-3685US2	Mar 28, 2013	13852852			US	Pending	LSI Corporation
L12-3609US2	Mar 29, 2013	13853282			US	Pending	LSI Corporation
L12-3589US2	Mar 29, 2013	13853749			US	Pending	LSI Corporation
L13-0042US2	Mar 29, 2013	13853695			US	Pending	LSI Corporation
L12-3844US2	Mar 29, 2013	13853711			US	Pending	LSI Corporation
L12-1541JP1	Mar 19, 2013	201356228			JP	Pending	LSI Corporation
L13-0708US1	Apr 17, 2013	13864578			US	Pending	LSI Corporation
L13-0736US1	Apr 22, 2013	13867435			US	Pending	LSI Corporation
L13-0722IN1	Jul 2, 2013	2938CHE2013			IN	Pending	LSI Corporation
L12-3407US2	Apr 3, 2013	13855814			US	Pending	LSI Corporation
L13-0369IN1	May 9, 2013	531KOL2013			IN	Pending	LSI Corporation
L12-0706US1	Oct 14, 2013	14052911			US	Pending	LSI Corporation
L13-0695US1	May 15, 2013	13894742			US	Pending	LSI Corporation
L13-0728US1	Sep 25, 2013	14036493			US	Pending	LSI Corporation
L09-0096JP2	Sep 2, 2010				JP	Pending	LSI Corporation
L12-3875US2	Apr 3, 2013	13855804			US	Pending	LSI Corporation
L12-0598CN1	Mar 22, 2013	2013100933644			CN	Pending	LSI Corporation
L12-2584US2	Apr 3, 2013	13856210			US	Pending	LSI Corporation
L12-3700CN1	Jul 9, 2013	2013102844842			CN	Pending	LSI Corporation
L12-1541EP1	Oct 2, 2013	131870131			EP	Pending	LSI Corporation
L12-1541CN1	Mar 18, 2013	2013100853599			CN	Pending	LSI Corporation
L12-1896EP1	Jun 20, 2013	131729626			EP	Pending	LSI Corporation
L12-1896JP1	Apr 4, 2013	201378221			JP	Pending	LSI Corporation
L12-1896CN1	Mar 18, 2013	2013100850232			CN	Pending	LSI Corporation
L12-2314EP1	Sep 30, 2013	131865842			EP	Pending	LSI Corporation
L12-2314CN1	Mar 18, 2013	2013100844142			CN	Pending	LSI Corporation
L12-2314JP1	Apr 4, 2013	201378219			JP	Pending	LSI Corporation
L13-0083US2	Apr 9, 2013	13859507			US	Pending	LSI Corporation
L12-2721US1	May 3, 2013	13886325			US	Pending	LSI Corporation
L12-3305US2	Apr 10, 2013	13860068			US	Pending	LSI Corporation
L06-1597-UK	Sep 28, 2007	078391067	Jun 19, 2013	2092759	GB	Issued	LSI Logic Corporation
L13-0787US1	Jun 13, 2013	13916667			US	Pending	LSI Corporation
L13-0749US1	May 21, 2013	13898964			US	Pending	LSI Corporation
L13-0774US1	Jun 18, 2013	13920817			US	Pending	LSI Corporation
L13-0768IN1	Jul 11, 2013	823KOL2013			IN	Pending	LSI Corporation
L13-0765US1	Jul 19, 2013	61856359			US	Pending	LSI Corporation
L13-0771US1	May 14, 2013	13893693			US	Pending	LSI Corporation
L13-0590US1	Jun 11, 2013	13914753			US	Pending	LSI Corporation
L13-0830US1	Nov 7, 2003	10704040	Sep 12, 2006	7106219	US	Issued	LSI Corporation
L11-2459JP1	Apr 16, 2013	2013085447	Nov 22, 2013	5415638	JP	Issued	LSI Corporation
L12-3406US2	Apr 16, 2013	13863656			US	Pending	LSI Corporation
L11-2459TW1	Apr 17, 2013	102113634			TW	Pending	LSI Corporation
L13-0723IN1	Jul 22, 2013	3254CHE2013			IN	Pending	LSI Corporation
L11-2460TW1	Apr 17, 2013	102113630			TW	Pending	LSI Corporation
L11-2460JP1	Apr 17, 2013	2013086719			JP	Pending	LSI Corporation
L13-0337IN1	Jun 4, 2013	2439CHE2013			IN	Pending	LSI Corporation

L13-0791US1	Jul 25, 2013	61858610			US	Pending	LSI Corporation
L13-0818US1	May 15, 2013	13894723			US	Pending	LSI Corporation
L13-0801RU1	Jul 22, 2013	2013134325			RU	Pending	LSI Corporation
L13-0802RU1	Jul 29, 2013	2013135506			RU	Pending	LSI Corporation
L13-0803RU1	Aug 12, 2013	2013137742			RU	Pending	LSI Corporation
L12-2601US2	Apr 26, 2013	13871216			US	Pending	LSI Corporation
L12-1018US2	Apr 30, 2013	13873355			US	Pending	LSI Corporation
L12-1918US2	Apr 30, 2013	13873224			US	Pending	LSI Corporation
L12-2946US2	Apr 29, 2013	13873003			US	Pending	LSI Corporation
L11-2460KR1	Apr 17, 2013	20130042546			KR	Pending	LSI Corporation
L11-2459KR1	Apr 17, 2013	20130042407	Apr 8, 2014	10-1385380	KR	Issued	LSI Corporation
L13-0547US2	May 8, 2013	13889521			US	Pending	LSI Corporation
L12-3819US2	Apr 29, 2013	13872424			US	Pending	LSI Corporation
L11-1682JP1	Apr 26, 2013	2013093810			JP	Pending	LSI Corporation
L13-0262US2	May 2, 2013	13875357			US	Pending	LSI Corporation
L08-0091US3	Jun 5, 2013	13910319			US	Pending	LSI Corporation
L11-0526US2	May 3, 2013	13886922	Feb 11, 2014	8648651	US	Issued	LSI Corporation
L12-2639US2	May 2, 2013	13875951	Aug 5, 2014	8797668	US	Pending	LSI Corporation
L12-3046US2	May 2, 2013	13886049			US	Pending	LSI Corporation
L12-3658US2	May 2, 2013	13886170			US	Pending	LSI Corporation
L12-0922TW1	May 17, 2013	102117613			TW	Pending	LSI Corporation
L12-2956US2	May 2, 2013	13886103			US	Pending	LSI Corporation
L13-0731US2	Jul 1, 2013	13932219			US	Pending	LSI Corporation
L12-0922WO1	May 3, 2013	PCTUS1339449			WO	Pending	LSI Corporation
L13-0184IN1	Aug 8, 2013	3561CHE2013			IN	Pending	LSI Corporation
L13-0460US2	May 7, 2013	13888762			US	Pending	LSI Corporation
L13-0847IN1	Jun 17, 2013	722KOL2013			IN	Pending	LSI Corporation
L13-0854IN1	Jul 10, 2013	818KOL2013			IN	Pending	LSI Corporation
L13-0823US1	Jul 24, 2013	61857896			US	Pending	LSI Corporation
L13-0836US1	Aug 9, 2013	13963589			US	Pending	LSI Corporation
L12-3837US2	May 8, 2013	13889421			US	Pending	LSI Corporation
L12-3838US2	May 8, 2013	13889424			US	Pending	LSI Corporation
L13-0693US1	Jul 22, 2013	61856789			US	Pending	LSI Corporation
L13-0846IN1	Jul 23, 2013	3292CHE2013			IN	Pending	LSI Corporation
L13-0704US2	May 15, 2013	13894836			US	Pending	LSI Corporation
L12-1159US2	May 17, 2013	13897165			US	Pending	LSI Corporation
L13-0720US2	May 14, 2013	13893832			US	Pending	LSI Corporation
L12-1346WO1	May 17, 2013	PCTUS2013041507			WO	Pending	LSI Corporation
L12-1346TW1	Jun 3, 2013	102119625			TW	Pending	LSI Corporation
L11-1682KR1	May 7, 2013	20130051321			KR	Pending	LSI Corporation
L12-3144US2	May 16, 2013	13895809			US	Pending	LSI Corporation
L07-1863US2	May 13, 2013	13892589			US	Pending	LSI Logic Corporation
L13-0697US2	May 22, 2013	13899795			US	Pending	LSI Corporation
L13-0800US1	Jul 26, 2013	61858855			US	Pending	LSI Corporation
L13-0724US2	May 15, 2013	13894680			US	Pending	LSI Corporation
L13-0746US2	May 16, 2013	13896027			US	Pending	LSI Corporation
L13-0278US2	May 16, 2013	13896048			US	Pending	LSI Corporation
L13-0856US1	Jul 17, 2013	61847184			US	Pending	LSI Corporation
L13-0880IN1	Jul 11, 2013	824KOL2013			IN	Pending	LSI Corporation
L12-0719EP1	May 23, 2013	131689820			EP	Pending	LSI Corporation
L12-2754US1	May 24, 2013	13901738			US	Pending	LSI Corporation
L12-1211EP1	May 23, 2013	131689754			EP	Pending	LSI Corporation
L13-0495US1	May 22, 2013	13900051			US	Pending	LSI Corporation
L13-0741US2	Jun 6, 2013	13911443			US	Pending	LSI Corporation
L12-1961US2	May 29, 2013	13904202			US	Pending	LSI Corporation
L13-0835US1	Nov 11, 2013	61902450			US	Pending	LSI Corporation
L13-0853US1	Nov 11, 2013	61902380			US	Pending	LSI Corporation
L13-0868US1	Jul 24, 2013	61857758			US	Pending	LSI Corporation
L13-0842US1	Sep 20, 2013	61880309			US	Pending	LSI Corporation
L13-0860US1	Jul 30, 2013	61859919			US	Pending	LSI Corporation
L13-0866US1	Sep 7, 2013	61875013			US	Pending	LSI Corporation
L13-0867US1	Aug 30, 2013	61872161			US	Pending	LSI Corporation
L13-0821US1	Jul 18, 2013	13945787			US	Pending	LSI Corporation
L13-0838US1	Aug 30, 2013	14015126			US	Pending	LSI Corporation
L13-0841US1	Jul 30, 2013	13954573			US	Pending	LSI Corporation
L12-2941US1	Jul 17, 2013	61847109			US	Pending	LSI Corporation
L13-0742IN1	Aug 5, 2013	925KOL2013			IN	Pending	LSI Corporation
L13-0743IN1	Aug 5, 2013	926KOL2013			IN	Pending	LSI Corporation
L12-0955EP1	May 30, 2013	131699175			EP	Pending	LSI Corporation
L13-0557US2	Jun 3, 2013	13908072			US	Pending	LSI Corporation
L12-0955TW1	May 17, 2013	102117497			TW	Pending	LSI Corporation
L13-0725US2	Jun 14, 2013	13917714			US	Pending	LSI Corporation
L13-0833IN1	Jun 28, 2013	2879CHE2013			IN	Pending	LSI Corporation
L13-0788US2	Jun 5, 2013	13910428			US	Pending	LSI Corporation
L04-1763US3	Aug 27, 2013	14010842			US	Pending	LSI Logic Corporation
L13-0729US2	Jun 6, 2013	13912059			US	Pending	LSI Corporation
L12-2542US2	Jun 6, 2013	13912079			US	Pending	LSI Corporation
L13-0291US2	Jun 6, 2013	13912109			US	Pending	LSI Corporation
L12-2295US2	Jun 6, 2013	13912159			US	Pending	LSI Corporation
L13-0759US2	Jun 6, 2013	13912171			US	Pending	LSI Corporation
L13-0597US2	Jun 28, 2013	13930215	May 20, 2014	8730608	US	Issued	LSI Corporation
L13-0114US1	Jun 11, 2013	13915580			US	Pending	LSI Corporation
L13-0904US1	Aug 5, 2013	61862361			US	Pending	LSI Corporation
L13-0888US1	Aug 22, 2013	61868710			US	Pending	LSI Corporation
L13-0886US1	Jul 18, 2013	61847657			US	Pending	LSI Corporation
L13-0189US2	Jun 13, 2013	13917299	Jul 8, 2014	8775687	US	Issued	LSI Corporation
L13-0186US2	Oct 24, 2013	61895250			US	Pending	LSI Corporation
L13-0187US2	Sep 23, 2013	14033474			US	Pending	LSI Corporation
L12-0955CN1	Jun 7, 2013	2013102249372			CN	Pending	LSI Corporation
L13-0572US2	Jun 14, 2013	13917735			US	Pending	LSI Corporation
L13-0776US2	Jun 14, 2013	13918510			US	Pending	LSI Corporation
L13-0898US1	Aug 8, 2013	61863620			US	Pending	LSI Corporation
L13-0908US2	May 21, 2014	14284276			US	Pending	LSI Corporation
L13-0890US1	Jul 29, 2013	61859340			US	Pending	LSI Corporation
L13-0881IN1	Aug 1, 2013	3473CHE2013			IN	Pending	LSI Corporation
L13-0598US1	Aug 21, 2013	61868196			US	Pending	LSI Corporation
L13-0763CN1	Sep 29, 2013	201310453246X			CN	Pending	LSI Corporation
L09-0590US2	Jun 19, 2013	13921707			US	Pending	LSI Corporation

L13-0844US1	Aug 23, 2013	61869641			US	Pending	LSI Corporation
L13-0864US1	Aug 23, 2013	61869643			US	Pending	LSI Corporation
L13-0870US1	Sep 5, 2013	61874315			US	Pending	LSI Corporation
L13-0894US1	Aug 29, 2013	61871437			US	Pending	LSI Corporation
L13-0902US1	Sep 3, 2013	61872882			US	Pending	LSI Corporation
L13-0877US1	Aug 23, 2013	61869644			US	Pending	LSI Corporation
L12-0955JP1	Jun 18, 2013	2013127811			JP	Pending	LSI Corporation
L12-0955KR1	Jun 19, 2013	20130070609			KR	Pending	LSI Corporation
L13-0757US2	Jun 19, 2013	13921319			US	Pending	LSI Corporation
L13-0450US1	Jun 24, 2013	13924773			US	Pending	LSI Corporation
L13-0775US2	Jul 15, 2013	13941820			US	Pending	LSI Corporation
L13-0593US2	Jul 8, 2013	13936350			US	Pending	LSI Corporation
L13-0445US1	Jun 25, 2013	13926740			US	Pending	LSI Corporation
L12-3586US1	Jun 26, 2013	13927826			US	Pending	LSI Corporation
L13-0933US1	Jul 30, 2013	13954084			US	Pending	LSI Corporation
L13-0795US2	Jun 26, 2013	13927305			US	Pending	LSI Corporation
L13-0929US2	Nov 26, 2013	14090670			US	Pending	LSI Corporation
L13-0809US2	Jun 27, 2013	13929537			US	Pending	LSI Corporation
L13-0938RU1	Oct 17, 2013	2013146467			RU	Pending	LSI Corporation
L13-0931US1	Aug 21, 2013	61868229			US	Pending	LSI Corporation
L13-0796US2	Jun 26, 2013	13927343			US	Pending	LSI Corporation
L13-0687IN1	Sep 13, 2013	4131CHE2013			IN	Pending	LSI Corporation
L13-0915IN1	Sep 25, 2013	4352CHE2013			IN	Pending	LSI Corporation
L13-0811US1	Aug 29, 2013	61870888			US	Pending	LSI Corporation
L13-0852US1	Aug 16, 2013	61866588			US	Pending	LSI Corporation
L13-0871US2	Dec 4, 2013	14096256			US	Pending	LSI Corporation
L13-0589IN1	Sep 20, 2013	4257CHE2013			IN	Pending	LSI Corporation
L13-0873US1	Jan 16, 2014	61928394			US	Pending	LSI Corporation
L13-0806US2	Jul 2, 2013	13933573			US	Pending	LSI Corporation
L13-0967US1	Nov 12, 2013	61902826			US	Pending	LSI Corporation
L12-1558WO1	Jul 3, 2013	PCTUS13049272			WO	Pending	LSI Corporation
L12-1558TW1	Jul 25, 2013	102126581			TW	Pending	LSI Corporation
L12-1365WO1	Jul 3, 2013	PCTUS13049294			WO	Pending	LSI Corporation
L12-1365TW1	Jul 25, 2013	102126580			TW	Pending	LSI Corporation
L13-0973US1	Sep 12, 2013	61876953			US	Pending	LSI Corporation
L13-0926US1	Sep 13, 2013	61877322			US	Pending	LSI Corporation
L13-0971US1	Oct 10, 2013	61889527			US	Pending	LSI Corporation
L13-0845US1	Aug 27, 2013	61870422			US	Pending	LSI Corporation
L13-0951US1	Sep 17, 2013	61878678			US	Pending	LSI Corporation
L13-0950US1	Oct 3, 2013	14044988			US	Pending	LSI Corporation
L13-0962US1	Sep 10, 2013	61875936			US	Pending	LSI Corporation
L13-0959RU1	Oct 30, 2013	2013148582			RU	Pending	LSI Corporation
L13-0960RU1	Oct 17, 2013	2013146529			RU	Pending	LSI Corporation
L13-0961RU1	Oct 25, 2013	2013147803			RU	Pending	LSI Corporation
L13-0895US1	Sep 16, 2013	61878163			US	Pending	LSI Corporation
L12-1309CN1	Jul 11, 2013	201310289858X			CN	Pending	LSI Corporation
L13-0831US2	Jul 11, 2013	13939214			US	Pending	LSI Corporation
L13-0300US2	Jul 13, 2013	13941464			US	Pending	LSI Corporation
L13-0740US2	Jul 13, 2013	13941472			US	Pending	LSI Corporation
L12-1309JP1	Jul 17, 2013	2013148217			JP	Pending	LSI Corporation
L10-0493US2	Jul 17, 2013	13943861	Jan 14, 2014	8630143	US	Issued	LSI Corporation
L11-2518KR1	Jul 17, 2013	20130084345			KR	Pending	LSI Corporation
L12-2941US2	Jul 18, 2013	13944966			US	Pending	LSI Corporation
L13-0886US2	Jul 23, 2013	13948394			US	Pending	LSI Corporation
L11-1873US2	Aug 8, 2013	13962191	Mar 4, 2014	8664995	US	Issued	LSI Corporation
L11-2518EP1	Jul 18, 2013	131771073			EP	Pending	LSI Corporation
L13-0719US2	Jul 18, 2013	13945216			US	Pending	LSI Corporation
L13-0840US2	Jul 18, 2013	13945777			US	Pending	LSI Corporation
L13-0176US2	Jul 22, 2013	13947768			US	Pending	LSI Corporation
L12-1393JP1	Jul 23, 2013	2013152284			JP	Pending	LSI Corporation
L13-0945IN1	Oct 14, 2013				IN	Pending	LSI Corporation
L13-0934US1	Sep 24, 2013	14035164			US	Pending	LSI Corporation
L13-0901US1	Oct 22, 2013	61894385			US	Pending	LSI Corporation
L13-0868US2	Sep 26, 2013	61882869			US	Pending	LSI Corporation
L12-0719KR1	Jul 5, 2013	1020130078770			KR	Pending	LSI Corporation
L11-2603US1	Jul 25, 2013	13950384			US	Pending	LSI Corporation
L13-0693US2	Jul 29, 2013	13952710			US	Pending	LSI Corporation
L13-0854US1	Jul 29, 2013	13953062			US	Pending	LSI Corporation
L12-1309KR1	Jul 12, 2013	20130081910			KR	Pending	LSI Corporation
L12-0558EP1	Oct 3, 2013	131872111			EP	Pending	LSI Corporation
L12-0558KR1	Sep 27, 2013	1020130115123			KR	Pending	LSI Corporation
L12-0558US1	Apr 24, 2013	13869187			US	Pending	LSI Corporation
L13-0738US2	Jul 26, 2013	13952415			US	Pending	LSI Corporation
L12-1393EP1	Jul 26, 2013	131782690			EP	Pending	LSI Corporation
L12-2729US1	Jul 29, 2013	13953241			US	Pending	LSI Corporation
L12-0993KR1	Jul 30, 2013	1020130090215			KR	Pending	LSI Corporation
L13-0890US2	Aug 6, 2013	13959978			US	Pending	LSI Corporation
L13-0987US1	Jul 31, 2013	61860735			US	Pending	LSI Corporation
L13-0993US1	Sep 18, 2013	61879318			US	Pending	LSI Corporation
L13-1004US1	Sep 19, 2013	61879752			US	Pending	LSI Corporation
L13-0832US1	Oct 21, 2013	14058569			US	Pending	LSI Corporation
L13-0972RU1	Nov 21, 2013	2013151974			RU	Pending	LSI Corporation
L13-0996IN1	Dec 4, 2013	5594CHE2013			IN	Pending	LSI Corporation
L13-1009CN1	Sep 29, 2013	2013106155567			CN	Pending	LSI Corporation
L13-0924US1	Oct 23, 2013	61894664			US	Pending	LSI Corporation
L13-0891US1	Sep 20, 2013	61880259			US	Pending	LSI Corporation
L13-0727US2	Jul 31, 2013	13955676			US	Pending	LSI Corporation
L13-0800US2	Jul 31, 2013	13955446			US	Pending	LSI Corporation
L12-1658TW1	Aug 19, 2013	102129711			TW	Pending	LSI Corporation
L12-1808TW1	Aug 19, 2013	102129709			TW	Pending	LSI Corporation
L12-1849TW1	Aug 19, 2013	102129713			TW	Pending	LSI Corporation
L13-0985IN1	Sep 23, 2013				IN	Pending	LSI Corporation
L13-0986IN1	Oct 9, 2013	1167KOL2013			IN	Pending	LSI Corporation
L12-1393KR1	Jul 19, 2013	20130085590			KR	Pending	LSI Corporation
L12-1896KR1	Jul 17, 2013	20130084086			KR	Pending	LSI Corporation
L10-0569US2	Aug 19, 2013	13969733			US	Pending	LSI Corporation
L13-0851US2	Jul 9, 2013	13937821			US	Pending	LSI Corporation
L13-0898US2	Aug 20, 2013	13970921			US	Pending	LSI Corporation

L13-0823US2	Aug 8, 2013	13962219			US	Pending	LSI Corporation
L13-0705US2	Aug 8, 2013	13962694			US	Pending	LSI Corporation
L12-0993EP1	Aug 1, 2013	131789463			EP	Pending	LSI Corporation
L12-1857EP1	Oct 2, 2013	131870099			EP	Pending	LSI Corporation
L12-1857JP1	Nov 19, 2013	2013238657			JP	Pending	LSI Corporation
L12-1857KR1	Oct 10, 2013	1020130120357			KR	Pending	LSI Corporation
L12-1857TW1	Aug 28, 2013	102130922			TW	Pending	LSI Corporation
L13-0799US1	Sep 26, 2013	14038166			US	Pending	LSI Corporation
L13-0904US2	Aug 12, 2013	13964670			US	Pending	LSI Corporation
L09-0174US2	Sep 24, 2013	14035107			US	Pending	LSI Corporation
L13-0765US2	Aug 2, 2013	13958162			US	Pending	LSI Corporation
L12-1427US2	Aug 13, 2013	13965953			US	Pending	LSI Corporation
L13-0937IN1	Aug 29, 2013	3861CHE2013			IN	Pending	LSI Corporation
L13-1052US1	Aug 20, 2013	61867632			US	Pending	LSI Corporation
L13-0768US1	Aug 15, 2013	13967387			US	Pending	LSI Corporation
L13-1024US1	Nov 13, 2013	61903708			US	Pending	LSI Corporation
L13-1037IN1	Nov 8, 2013	1274KOL2013			IN	Pending	LSI Corporation
L13-1020US1	Nov 14, 2013	61904320			US	Pending	LSI Corporation
L13-0880US1	Aug 15, 2013	13967914			US	Pending	LSI Corporation
L13-1023US1	Oct 25, 2013	61895768			US	Pending	LSI Corporation
L13-1049US1	Nov 21, 2013	61906901			US	Pending	LSI Corporation
L13-1064US1	Oct 14, 2013	61890426			US	Pending	LSI Corporation
L13-0852US2	Aug 19, 2013	13969773			US	Pending	LSI Corporation
L13-1022US1	Oct 17, 2013	61892206			US	Pending	LSI Corporation
L11-2518TW1	Jul 17, 2013	102125628			TW	Pending	LSI Corporation
L13-1040US1	Oct 14, 2013	14053069			US	Pending	LSI Corporation
L13-0833US1	Aug 20, 2013	13971559			US	Pending	LSI Corporation
L12-2858US1	Aug 15, 2013	13967942			US	Pending	LSI Corporation
L12-3015US1	Aug 15, 2013	13968389			US	Pending	LSI Corporation
L13-0931US2	Oct 28, 2013	61896224			US	Pending	LSI Corporation
L13-1052US2	Dec 11, 2013	14103679			US	Pending	LSI Corporation
L13-1069IN1	Nov 29, 2013	5512CHE2013			IN	Pending	LSI Corporation
L13-0337US1	Aug 20, 2013	13971417			US	Pending	LSI Corporation
L13-0703US1	Aug 20, 2013	13971307			US	Pending	LSI Corporation
L13-0537US1	Aug 20, 2013	13971205			US	Pending	LSI Corporation
L13-0436US1	Aug 20, 2013	13971114			US	Pending	LSI Corporation
L12-3058US1	Aug 19, 2013	13970025			US	Pending	LSI Corporation
L12-3262US1	Aug 21, 2013	13972349			US	Pending	LSI Corporation
L13-0859US1	Oct 1, 2013	61885169			US	Pending	LSI Corporation
L13-0935US1	Oct 16, 2013	61891559			US	Pending	LSI Corporation
L13-0954IN1	Nov 6, 2013	5002CHE2013			IN	Pending	LSI Corporation
L13-0888US2	Oct 24, 2013	14062150			US	Pending	LSI Corporation
L12-3301US1	Aug 22, 2013	13973040			US	Pending	LSI Corporation
L12-1549WO1	Aug 23, 2013	PCTUS1356402			WO	Pending	LSI Corporation
L12-1549TW1	Sep 18, 2013	102133980			TW	Pending	LSI Corporation
L12-1488WO1	Aug 23, 2013	PCTUS1356397			WO	Pending	LSI Corporation
L12-1488TW1	Sep 18, 2013	102133979			TW	Pending	LSI Corporation
L13-0705US1A	Aug 5, 2013	61862136			US	Pending	LSI Corporation
L12-1668TW1	Sep 23, 2013	102134160			TW	Pending	LSI Corporation
L12-1668WO1	Aug 26, 2013	PCTUS1356618			WO	Pending	LSI Corporation
L12-1822TW1	Sep 23, 2013	102134161			TW	Pending	LSI Corporation
L13-0860US2	Aug 27, 2013	14011236			US	Pending	LSI Corporation
L13-0811US2	Sep 3, 2013	14016522			US	Pending	LSI Corporation
L13-1105IN1	Sep 23, 2013				IN	Pending	LSI Corporation
L13-1080US1	Oct 29, 2013	61896693			US	Pending	LSI Corporation
L12-1843TW1	Sep 24, 2013	102134368			TW	Pending	LSI Corporation
L12-1873WO1	Aug 28, 2013	PCTUS1357048			WO	Pending	LSI Corporation
L12-1873TW1	Sep 24, 2013	102134369			TW	Pending	LSI Corporation
L13-1070US1	Nov 20, 2013	14085465			US	Pending	LSI Corporation
L12-1835TW1	Sep 24, 2013	102134343			TW	Pending	LSI Corporation
L12-1835WO1	Aug 29, 2013	PCTUS1357256			WO	Pending	LSI Corporation
L12-2033TW1	Sep 26, 2013	102134870			TW	Pending	LSI Corporation
L12-2034TW1	Sep 26, 2013	102134871			TW	Pending	LSI Corporation
L05-0770US1	Oct 3, 2013	14045081			US	Pending	LSI Logic Corporation
L13-1152WO1	Oct 18, 2013	PCTRU2013000921			WO	Pending	LSI Corporation
L13-0742US1	Sep 4, 2013	14017766			US	Pending	LSI Corporation
L13-0743US1	Sep 4, 2013	14018100			US	Pending	LSI Corporation
L13-0845US2	Sep 6, 2013	14019710			US	Pending	LSI Corporation
L12-2956TW1	Jan 14, 2014	103101283			TW	Pending	LSI Corporation
L10-0064FR1	Apr 3, 2003	037101227	Jul 10, 2013	1500093	FR	Issued	LSI Corporation
L10-0064DE1	Apr 3, 2003	037101227	Jul 10, 2013	60344464.4	DE	Issued	LSI Corporation
L10-0064UK2	Apr 3, 2003	037101227	Jul 10, 2013	1500093	GB	Issued	LSI Corporation
L13-0791US2	Sep 9, 2013	14021811			US	Pending	LSI Corporation
L10-0673US2	Oct 14, 2013	14053194			US	Pending	LSI Corporation
L08-0971UK1	Sep 16, 2009	092521962	Mar 20, 2013	2196894	GB	Issued	LSI Corporation
L10-0121US3	Sep 10, 2013	14022971			US	Pending	LSI Corporation
L13-1060US1	Dec 4, 2013	14096204			US	Pending	LSI Corporation
L13-0973US2	Oct 9, 2013	61888736			US	Pending	LSI Corporation
L13-1124US1	Oct 31, 2013	61898420			US	Pending	LSI Corporation
L13-0926US2	Sep 18, 2013	14030059			US	Pending	LSI Corporation
L13-1134US1	Dec 14, 2013	61916199			US	Pending	LSI Corporation
L13-1140US1	Dec 9, 2013	61913488			US	Pending	LSI Corporation
L13-1121US1	Nov 22, 2013	61907571			US	Pending	LSI Corporation
L13-0980US1	Dec 3, 2013	14094846			US	Pending	LSI Corporation
L13-0895US2	Sep 23, 2013	14033854			US	Pending	LSI Corporation
L13-0844US2	Sep 12, 2013	14025104			US	Pending	LSI Corporation
L13-0870US2	Sep 12, 2013	14025356			US	Pending	LSI Corporation
L13-0894US2	Sep 12, 2013	14025409			US	Pending	LSI Corporation
L13-0902US2	Sep 12, 2013	14025468			US	Pending	LSI Corporation
L12-1875TW1	Oct 3, 2013	102135896			TW	Pending	LSI Corporation
L13-0877US2	Sep 13, 2013	14026722			US	Pending	LSI Corporation
L12-1524US1	Sep 16, 2013	14027371			US	Pending	LSI Corporation
L13-0864US2	Sep 16, 2013	14028386			US	Pending	LSI Corporation
L13-0598US2	Sep 17, 2013	14029559			US	Pending	LSI Corporation
L13-0993US2	Sep 30, 2013	14041110			US	Pending	LSI Corporation
L13-1004US2	Oct 3, 2013	14045102			US	Pending	LSI Corporation
L13-0866US2	Sep 19, 2013	14031990			US	Pending	LSI Corporation
L13-0892US1	Dec 24, 2013	14140451			US	Pending	LSI Corporation

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L13-0919US1	Nov 12, 2013	61902934			US	Pending	LSI Corporation
L13-0963US1	Dec 9, 2013	61913866			US	Pending	LSI Corporation
L13-0984US1	Dec 16, 2013	61916618			US	Pending	LSI Corporation
L13-0995US1	Dec 13, 2013	61915876			US	Pending	LSI Corporation
L13-1007US1	Dec 9, 2013	61913854			US	Pending	LSI Corporation
L13-0868US3	Oct 7, 2013	14047239			US	Pending	LSI Corporation
L13-0859US2	Oct 3, 2013	14045295			US	Pending	LSI Corporation
L13-0747US2	Oct 1, 2013	14043190			US	Pending	LSI Corporation
L13-0891US2	Oct 2, 2013	14044009			US	Pending	LSI Corporation
L12-1473TW1	Sep 14, 2013	102133355			TW	Pending	LSI Corporation
L12-1626EP1	Sep 24, 2013	131858060			EP	Pending	LSI Corporation
L12-1473EP1	Sep 26, 2013	131861858			EP	Pending	LSI Corporation
L12-1473CN1	Oct 14, 2013	2013104772139			CN	Pending	LSI Corporation
L12-1473JP1	Oct 23, 2013	2013219797			JP	Pending	LSI Corporation
L12-1473KR1	Oct 23, 2013				KR	Pending	LSI Corporation
L12-1883JP1	Oct 4, 2013	2013209337			JP	Pending	LSI Corporation
L13-0914US2	Oct 7, 2013	14047441			US	Pending	LSI Corporation
L13-0951US2	Oct 7, 2013	14047319			US	Pending	LSI Corporation
L13-0867US2	Oct 8, 2013	14048897			US	Pending	LSI Corporation
L12-1626JP1	Oct 9, 2013	2013211733			JP	Pending	LSI Corporation
L10-0356US2	Jan 16, 2014	14156639			US	Pending	LSI Corporation
L12-3700US1	Jul 3, 2014	14323286			US	Pending	LSI Corporation
L13-0973US3	Oct 30, 2013	14066938			US	Pending	LSI Corporation
L12-2448CN1	Nov 4, 2013	2013105380290			CN	Pending	LSI Corporation
L12-2448EP1	Oct 11, 2013	131882383			EP	Pending	LSI Corporation
L12-2448JP1	Oct 16, 2013	2013215543			JP	Pending	LSI Corporation
L12-2448KR1	Nov 5, 2013	1020130133719			KR	Pending	LSI Corporation
L12-2448TW1	Nov 1, 2013	102139728			TW	Pending	LSI Corporation
L12-2267CN1	Nov 5, 2013	201310542804X			CN	Pending	LSI Corporation
L12-2267EP1	Oct 18, 2013	131892465			EP	Pending	LSI Corporation
L12-2267JP1	Nov 14, 2013	2013235659			JP	Pending	LSI Corporation
L12-2267KR1	Nov 19, 2013	1020130140550			KR	Pending	LSI Corporation
L12-2267TW1	Oct 15, 2013	102137089			TW	Pending	LSI Corporation
L08-0243JP2	Nov 8, 2013	2013231731			JP	Pending	LSI Corporation
L13-0971US2	Oct 12, 2013	14052732			US	Pending	LSI Corporation
L13-0962US2	Oct 14, 2013	14052820			US	Pending	LSI Corporation
L12-0950US2	Oct 18, 2013	14057441			US	Pending	LSI Corporation
L09-0294FR1	Feb 4, 2010	101526556	Jul 31, 2013	2317650	FR	Issued	LSI Corporation
L09-0294DE1	Feb 4, 2010	101526556	Jul 31, 2013	602010008964.9	DE	Issued	LSI Corporation
L09-0294UK1	Feb 4, 2010	101526556	Jul 31, 2013	2317650	GB	Issued	LSI Corporation
L09-0575FR1	Mar 17, 2011	110022027	Aug 21, 2013	2381448	FR	Issued	LSI Corporation
L09-0575DE1	Mar 17, 2011	110022027	Aug 21, 2013	602011002627.5	DE	Issued	LSI Corporation
L09-0575UK1	Mar 17, 2011	110022027	Aug 21, 2013	2381448	GB	Issued	LSI Corporation
L04-0263US2	Oct 11, 2013	14052413			US	Pending	LSI Logic Corporation
L13-1064US2	Oct 17, 2013	14055886			US	Pending	LSI Corporation
L08-0948FR1	Jan 23, 2009	098337652	Mar 12, 2014	2359251	FR	Issued	LSI Corporation
L08-0948DE1	Jan 23, 2009	098337652	Mar 12, 2014	602009022516.2	DE	Issued	LSI Corporation
L08-0948UK1	Jan 23, 2009	098337652	Mar 12, 2014	2359251	GB	Issued	LSI Corporation
L13-0749CN1	Dec 3, 2013	2013106373896			CN	Pending	LSI Corporation
L13-0749EP1	May 21, 2014	141692269			EP	Pending	LSI Corporation
L13-0749JP1	Feb 7, 2014	201421979			JP	Pending	LSI Corporation
L13-0749KR1	Dec 6, 2013	20130151479			KR	Pending	LSI Corporation
L13-0749TW1	Nov 12, 2013	102141125			TW	Pending	LSI Corporation
L12-0786US2	Oct 10, 2013	14050997			US	Pending	LSI Corporation
L13-0774CN1	Dec 10, 2013	2013106646145			CN	Pending	LSI Corporation
L13-0774EP1	Jun 18, 2014	141729780			EP	Pending	LSI Corporation
L13-0774JP1	Feb 13, 2014	201425023			JP	Pending	LSI Corporation
L13-0774KR1	Nov 29, 2013	20130147765			KR	Pending	LSI Corporation
L13-0774TW1	Nov 12, 2013	102141118			TW	Pending	LSI Corporation
L11-2392US2	Nov 4, 2013	14070870			US	Pending	LSI Corporation
L10-0562US2	Nov 6, 2013	14073016			US	Pending	LSI Corporation
L13-0901US2	Oct 24, 2013	14062808			US	Pending	LSI Corporation
L13-0931US3	Nov 7, 2013	14074026			US	Pending	LSI Corporation
L06-1933-UK	Sep 21, 2007	078430089	May 1, 2013	2115551	GB	Issued	LSI Logic Corporation
L12-1626KR1	Oct 7, 2013	20130119405			KR	Pending	LSI Corporation
L10-0652US2	Dec 6, 2013	14099589			US	Pending	LSI Corporation
L09-0455US2	Jan 16, 2014	14156648			US	Pending	LSI Corporation
L12-1883KR1	Oct 2, 2013	20130118013			KR	Pending	LSI Corporation
L10-0400US2	Nov 8, 2013	14074821			US	Pending	LSI Corporation
L13-0763US1	Nov 3, 2013	14070541			US	Pending	LSI Corporation
L13-0589US1	Nov 4, 2013	14070836			US	Pending	LSI Corporation
L13-0838KR1	Jun 27, 2014	20140080201			KR	Pending	LSI Corporation
L13-0867KR1	Jun 30, 2014	20140080885			KR	Pending	LSI Corporation
L13-0894KR1	Jun 27, 2014	20140080137			KR	Pending	LSI Corporation
L10-0658US2	Nov 12, 2013	14077611			US	Pending	LSI Corporation
L13-0894CN1	Jun 27, 2014				CN	Pending	LSI Corporation
L13-1023US2	Oct 31, 2013	14068095			US	Pending	LSI Corporation
L13-0935US2	Nov 5, 2013	14072604			US	Pending	LSI Corporation
L13-0867CN1	Jun 27, 2014				CN	Pending	LSI Corporation
L13-0838CN1	Jun 27, 2014				CN	Pending	LSI Corporation
L13-1022US2	Nov 6, 2013	14072895			US	Pending	LSI Corporation
L13-1174US1	Nov 7, 2013	61901064			US	Pending	LSI Corporation
L13-1174US2	Dec 10, 2013	14101679			US	Pending	LSI Corporation
L13-0919US2	Nov 15, 2013	14080935			US	Pending	LSI Corporation
L13-0842US2	Nov 7, 2013	14074325	Jul 29, 2014	8792197	US	Issued	LSI Corporation
L13-1080US2	Nov 8, 2013	14074812			US	Pending	LSI Corporation
L13-1269US1	Nov 8, 2013	61902131			US	Pending	LSI Corporation
L13-1158US1	Nov 11, 2013	61902407			US	Pending	LSI Corporation
L13-1158US2	Nov 27, 2013	14092215			US	Pending	LSI Corporation
L13-0186US3	Nov 5, 2013	14071702			US	Pending	LSI Corporation
L09-0144US2	Nov 19, 2013	14084044			US	Pending	LSI Corporation
L12-1471CN1	Dec 20, 2013	2013107133160			CN	Pending	LSI Corporation
L12-1471EP1	Dec 30, 2013	131997694			EP	Pending	LSI Corporation
L12-1471JP1	Dec 19, 2013	2013262064			JP	Pending	LSI Corporation
L12-1471TW1	Nov 18, 2013	102141867			TW	Pending	LSI Corporation
L13-1124US2	Nov 18, 2013	14082261			US	Pending	LSI Corporation

L13-1086US1		Nov 18, 2013	61905547			US	Pending	LSI Corporation
L13-0991US1		Nov 15, 2013	61904746			US	Pending	LSI Corporation
L13-0990US1		Nov 15, 2013	61904739			US	Pending	LSI Corporation
L13-1166US1		Nov 19, 2013	61906114			US	Pending	LSI Corporation
L13-0919US3		Nov 15, 2013	14080946			US	Pending	LSI Corporation
L13-1020US2		Nov 21, 2013	14086811			US	Pending	LSI Corporation
L13-1269US2		Nov 21, 2013	14085816			US	Pending	LSI Corporation
L13-0987US2		Nov 25, 2013	61908260			US	Pending	LSI Corporation
L13-0924US2		Nov 25, 2013	14089212			US	Pending	LSI Corporation
L13-0813US2		Jan 30, 2014	14168621			US	Pending	LSI Corporation
L13-0813US3		Mar 31, 2014	14230607			US	Pending	LSI Corporation
L13-0813US4		Mar 31, 2014	14230622			US	Pending	LSI Corporation
L13-0813US5		Mar 31, 2014	14230635			US	Pending	LSI Corporation
L13-0813US6		Apr 17, 2014	14255491			US	Pending	LSI Corporation
L13-0813US7		Jan 30, 2014	14168615			US	Pending	LSI Corporation
L13-0813US8		Apr 17, 2014	14255499			US	Pending	LSI Corporation
L13-1037US1		Nov 27, 2013	14091397			US	Pending	LSI Corporation
L13-1197US1		Nov 22, 2013	61907469			US	Pending	LSI Corporation
L13-1217US1		Nov 26, 2013	61908914			US	Pending	LSI Corporation
L13-0990US2		Nov 21, 2013	14086248			US	Pending	LSI Corporation
L13-0991US2		Nov 21, 2013	14086171			US	Pending	LSI Corporation
L13-1104US1		Nov 27, 2013	61909833			US	Pending	LSI Corporation
L13-1246US1		Nov 14, 2013	61904115			US	Pending	LSI Corporation
L08-0111US3		Nov 29, 2013	14093189			US	Pending	LSI Logic Corporation
L13-0770US1		Dec 4, 2013	61911699			US	Pending	LSI Corporation
L13-1104US2		Dec 5, 2013	14097763			US	Pending	LSI Corporation
L12-3101CN1		Jan 16, 2014	2014100184128			CN	Pending	LSI Corporation
L12-3101EP1		Dec 17, 2013	13197738			EP	Pending	LSI Corporation
L12-3101JP1		Dec 11, 2013				JP	Pending	LSI Corporation
L12-3101KR1		Jan 16, 2014	1020140005432			KR	Pending	LSI Corporation
L12-3101TW1		Dec 24, 2013	102148034			TW	Pending	LSI Corporation
L13-1185US1		Dec 6, 2013	61912654			US	Pending	LSI Corporation
L11-1873US3		Nov 25, 2013	14088702			US	Pending	LSI Corporation
L13-1156US1		Dec 9, 2013	61913525			US	Pending	LSI Corporation
L13-1156US2		Dec 20, 2013	14136203			US	Pending	LSI Corporation
L13-1214US1		Nov 21, 2013	61907170			US	Pending	LSI Corporation
L13-1214US2		Dec 10, 2013	14101368			US	Pending	LSI Corporation
L13-1042US1		Dec 10, 2013	61914210			US	Pending	LSI Corporation
L13-0945US1		Dec 11, 2013	14102649			US	Pending	LSI Corporation
L09-0190JP2		Jun 8, 2010	2013236874			JP	Pending	LSI Corporation
L12-3852US1		Dec 12, 2013	14104368			US	Pending	LSI Corporation
L13-1166US2		Dec 12, 2013	14104458			US	Pending	LSI Corporation
L13-1401US2		Aug 5, 2010	12806065	Nov 6, 2012	8307184	US	Issued	LSI Corporation
L08-0642JP2		Dec 5, 2013	2013252080			JP	Pending	LSI Corporation
L13-1227US1		Dec 19, 2013	61918104			US	Pending	LSI Corporation
L13-1227US2		Jan 3, 2014	14145943			US	Pending	LSI Corporation
L13-1215US1		Dec 20, 2013	61918952			US	Pending	LSI Corporation
L13-1215US2		Feb 5, 2014	14173108			US	Pending	LSI Corporation
L13-1185US2		Dec 12, 2013	14104537			US	Pending	LSI Corporation
L13-1069US1		Dec 13, 2013	14106045			US	Pending	LSI Corporation
L13-1140US2		Dec 13, 2013	14106537			US	Pending	LSI Corporation
L13-1245US1		Dec 13, 2013	61915718			US	Pending	LSI Corporation
L13-1134US2		Dec 16, 2013	14108282			US	Pending	LSI Corporation
L13-1203US1		Dec 16, 2013	61916789			US	Pending	LSI Corporation
L13-0963US2		Dec 17, 2013	14109570			US	Pending	LSI Corporation
L13-0984US2		Dec 17, 2013	14109705			US	Pending	LSI Corporation
L13-1245US2		Dec 18, 2013	14132440			US	Pending	LSI Corporation
L13-0995US2		Dec 17, 2013	14109804			US	Pending	LSI Corporation
L13-1143US1		Dec 27, 2013	61921271			US	Pending	LSI Corporation
L13-1007US2		Dec 20, 2013	14135984			US	Pending	LSI Corporation
L13-0896US2		Dec 20, 2013	14136051			US	Pending	LSI Corporation
L13-0954US1		Dec 20, 2013	14135912			US	Pending	LSI Corporation
L13-1121US2		Dec 20, 2013	14136289			US	Pending	LSI Corporation
L08-1533US2		Dec 23, 2013	14138637			US	Pending	LSI Corporation
L13-1153US1		Dec 5, 2013	61912437			US	Pending	LSI Corporation
L13-1153US2		Dec 23, 2013	14138641			US	Pending	LSI Corporation
L12-3015KR1		Jan 29, 2014	1020140011235			KR	Pending	LSI Corporation
L12-2858KR1		Jan 15, 2014	1020140004930			KR	Pending	LSI Corporation
L13-1164US1		Dec 26, 2013	14140669			US	Pending	LSI Corporation
L13-1009US1		Dec 26, 2013	14140769			US	Pending	LSI Corporation
L12-3275EP1		Feb 3, 2014	141536557			EP	Pending	LSI Corporation
L12-1471KR1		Dec 27, 2013	1020130164695			KR	Pending	LSI Corporation
L12-3021CN1		Jan 29, 2014	2014100427609			CN	Pending	LSI Corporation
L12-3021EP1		Jan 28, 2014	141529222			EP	Pending	LSI Corporation
L12-3021JP1		Feb 3, 2014	2014018293			JP	Pending	LSI Corporation
L12-3021KR1		Feb 10, 2014	20140014882			KR	Pending	LSI Corporation
L12-3021TW1		Jan 17, 2014	103101885			TW	Pending	LSI Corporation
L13-1197US2		Dec 27, 2013	14141682			US	Allowed	LSI Corporation
L13-1228US1		Dec 31, 2013	14145493			US	Pending	LSI Corporation
L13-1141US1		Dec 20, 2013	61919141			US	Pending	LSI Corporation
L13-1049US2		Jan 2, 2014	14146209			US	Pending	LSI Corporation
L13-1217US2		Dec 18, 2013	14132881			US	Pending	LSI Corporation
L13-1096US1		Jan 6, 2014	61923915			US	Pending	LSI Corporation
L13-1096US2		Jan 15, 2014	14155687			US	Pending	LSI Corporation
L13-1268US1		Jan 3, 2014	14146920			US	Pending	LSI Corporation
L13-1308US1		Jan 2, 2014	61922905			US	Pending	LSI Corporation
L13-1308US2		Jan 6, 2014	14148306			US	Pending	LSI Corporation
L13-1093US1		Dec 13, 2013	61916019			US	Pending	LSI Corporation
L13-1093US2		Jan 6, 2014	14148407			US	Pending	LSI Corporation
L12-3290KR1		Mar 6, 2014				KR	Pending	LSI Corporation
L13-1170US1		Jan 7, 2014	14149059			US	Pending	LSI Corporation
L13-1154US1		Jan 2, 2014	14146486			US	Pending	LSI Corporation
L13-1081IN1		Dec 23, 2013				IN	Pending	LSI Corporation
L13-0835US2		Jan 9, 2014	14150810			US	Pending	LSI Corporation
L13-0853US2		Jan 8, 2014	14150482			US	Pending	LSI Corporation
L08-0282JP2		Dec 23, 2008	2013266930			JP	Pending	LSI Corporation
L13-1241US1		Jan 10, 2014	61925743			US	Pending	LSI Corporation
L12-1346US1		Jan 10, 2014	14232143			US	Pending	LSI Corporation

L13-1251US1	Jan 10, 2014	61926043			US	Pending	LSI Corporation
L09-0742US2	Jan 10, 2014	14152917			US	Pending	LSI Corporation
L13-1251US1	Jan 13, 2014	61926488			US	Pending	LSI Corporation
L13-1252US2	Feb 17, 2014	14181893			US	Pending	LSI Corporation
L13-1183US1	Jan 13, 2014	61926516			US	Pending	LSI Corporation
L13-1183US2	Jan 16, 2014	14156693			US	Pending	LSI Corporation
L13-1086US2	Jan 13, 2014	14153560			US	Pending	LSI Corporation
L13-1281US1	Jan 14, 2014	61927269			US	Pending	LSI Corporation
L13-1281US2	Jan 27, 2014	14164836			US	Pending	LSI Corporation
L13-1352US1	Jan 13, 2014	61926594			US	Pending	LSI Corporation
L12-2059TW1	Dec 23, 2013	102147726			TW	Pending	LSI Corporation
L13-1042US2	Jan 13, 2014	14153154			US	Pending	LSI Corporation
L12-0248CN1	Jan 29, 2014	201410042712X			CN	Pending	LSI Corporation
L12-0248EP1	Jan 31, 2014	141535443			EP	Pending	LSI Corporation
L12-0248JP1	Jan 28, 2014	201413030			JP	Pending	LSI Corporation
L12-0248KR1	Jan 29, 2014	20140010968			KR	Pending	LSI Corporation
L12-0248TW1	Jan 29, 2014	103103644			TW	Pending	LSI Corporation
L13-1272US1	Jan 15, 2014	61927892			US	Pending	LSI Corporation
L12-2748TW1	Jan 10, 2014	103100934			TW	Pending	LSI Corporation
L13-1247US1	Jan 14, 2014	61927361			US	Pending	LSI Corporation
L13-1225US1	Jan 10, 2014	61925656			US	Pending	LSI Corporation
L13-1225US2	Jan 15, 2014	14156273			US	Pending	LSI Corporation
L12-2956JP1	Jan 16, 2014	2014005563			JP	Pending	LSI Corporation
L13-1270US1	Jan 21, 2014	61929640			US	Pending	LSI Corporation
L13-1270US2	Feb 6, 2014	14174183			US	Pending	LSI Corporation
L13-1279RU1	Jan 22, 2014	2014101965			RU	Pending	LSI Corporation
L12-2059KR1	Jan 16, 2014	1020140005622			KR	Pending	LSI Corporation
L13-1202CN1	Feb 10, 2014	2014100458560			CN	Pending	LSI Corporation
L13-1297US1	Jan 22, 2014	61930078			US	Pending	LSI Corporation
L13-1297US2	Feb 3, 2014	14170724			US	Pending	LSI Corporation
L12-0922EP1	May 3, 2013				EP	Pending	LSI Corporation
L12-0922CN1	May 3, 2013	2013800030566			CN	Pending	LSI Corporation
L12-0922JP1	May 3, 2013				JP	Pending	LSI Corporation
L12-0922KR1	May 3, 2013				KR	Pending	LSI Corporation
L13-1352US2	Jan 21, 2014	14159480			US	Pending	LSI Corporation
L13-1207US1	Jan 2, 2014	61922902			US	Pending	LSI Corporation
L13-1207US2	Jan 21, 2014	14159523			US	Pending	LSI Corporation
L12-1488US1	Jan 21, 2014	14233943			US	Pending	LSI Corporation
L13-1300US1	Jan 22, 2014	61930115			US	Pending	LSI Corporation
L12-2748EP1	Jan 22, 2014	141521211			EP	Pending	LSI Corporation
L08-1513DE1	Jul 1, 2009	092517119	Apr 16, 2014	602009023252.5	DE	Issued	LSI Corporation
L08-1513GB1	Jul 1, 2009	092517119	Apr 16, 2014	2163994	GB	Issued	LSI Corporation
L13-1267US1	Jan 23, 2014	61930525			US	Pending	LSI Corporation
L09-0295FR1	Feb 4, 2010	101526812	Oct 30, 2013	2317649	FR	Issued	LSI Corporation
L09-0295DE1	Feb 4, 2010	101526812	Oct 30, 2013	602010011282.9	DE	Issued	LSI Corporation
L09-0295GB1	Feb 4, 2010	101526812	Oct 30, 2013	2317649	GB	Issued	LSI Corporation
L12-2956EP1	Jan 17, 2014	141515718			EP	Pending	LSI Corporation
L12-3302US2	Feb 19, 2014	14184323			US	Pending	LSI Corporation
L12-3302US3	Feb 19, 2014	14184334			US	Pending	LSI Corporation
L13-1267US2	Feb 10, 2014	14176728			US	Pending	LSI Corporation
L12-3780CN1	Mar 10, 2014	2014100855546			CN	Pending	LSI Corporation
L12-3780EP1	Mar 3, 2014	141575431			EP	Pending	LSI Corporation
L12-3780JP1	Jan 29, 2014	2014014347			JP	Pending	LSI Corporation
L12-3780KR1	Mar 10, 2014	1020140027972			KR	Pending	LSI Corporation
L12-3780TW1	Feb 14, 2014	103104999			TW	Pending	LSI Corporation
L12-2748KR1	Jan 28, 2014	1020140010149			KR	Pending	LSI Corporation
L12-2956KR1	Jan 14, 2014	20140004689			KR	Pending	LSI Corporation
L13-1251US2	Jan 28, 2014	14166280			US	Pending	LSI Corporation
L12-1668US1	Jan 29, 2014	14235993			US	Pending	LSI Corporation
L13-0770US2	Jan 31, 2014	14169424			US	Pending	LSI Corporation
L13-1255US1	Feb 3, 2014	61934940			US	Pending	LSI Corporation
L13-1255US2	Feb 10, 2014	14176773			US	Pending	LSI Corporation
L13-1241US2	Jan 28, 2014	14166048			US	Pending	LSI Corporation
L13-0801US1	Jan 30, 2014	14168391			US	Pending	LSI Corporation
L12-2748CN1	Jan 20, 2014	2014100252036			CN	Pending	LSI Corporation
L12-2059CN1	Jan 15, 2014	2014100172703			CN	Pending	LSI Corporation
L13-1375US1	Jan 31, 2014	61934040			US	Pending	LSI Corporation
L13-0873US2	Jan 17, 2014	14158739			US	Pending	LSI Corporation
L13-1203US2	Feb 4, 2014	14172869			US	Pending	LSI Corporation
L12-2580US2	Feb 6, 2014	14173921			US	Pending	LSI Corporation
L13-1280RU1	Feb 7, 2014	2014104445			RU	Pending	LSI Corporation
L12-2748JP1	Jan 27, 2014	2014012282			JP	Pending	LSI Corporation
L13-0802US1	Jan 31, 2014	14170041			US	Pending	LSI Corporation
L12-2059JP1	Jan 17, 2014	2014006398			JP	Pending	LSI Corporation
L12-2913CN1	Jan 21, 2014	2014100272082			CN	Pending	LSI Corporation
L12-2913KR1	Jan 29, 2014	1020140011498			KR	Pending	LSI Corporation
L13-1142US1	Feb 3, 2014	61935122			US	Pending	LSI Corporation
L13-1305US1	Feb 3, 2014	61935316			US	Pending	LSI Corporation
L12-1822US1	Feb 4, 2014	14237072			US	Pending	LSI Corporation
L12-2956CN1	Jan 15, 2014	2014100165150			CN	Pending	LSI Corporation
L08-1521FR1	Mar 31, 2010	101586832	Feb 12, 2014	2237157	FR	Issued	LSI Corporation
L08-1521DE1	Mar 31, 2010	101586832	Feb 12, 2014	602010013465.2	DE	Issued	LSI Corporation
L08-1521GB1	Mar 31, 2010	101586832	Feb 12, 2014	2237157	GB	Issued	LSI Corporation
L12-2059EP1	Jan 10, 2014	141507236			EP	Pending	LSI Corporation
L13-1095RU1	Feb 10, 2014	201404571			RU	Pending	LSI Corporation
L12-1549US1	Feb 6, 2014	14237436			US	Pending	LSI Corporation
L13-1194US1	Feb 6, 2014	61936702			US	Pending	LSI Corporation
L13-0846US1	Feb 5, 2014	14173434			US	Pending	LSI Corporation
L13-0881US1	Feb 5, 2014	14173488			US	Pending	LSI Corporation
L13-0986US1	Feb 5, 2014	14173509			US	Pending	LSI Corporation
L13-0937US1	Feb 5, 2014	14173540			US	Pending	LSI Corporation
L13-1105US1	Feb 5, 2014	14173561			US	Pending	LSI Corporation
L13-0985US1	Feb 6, 2014	14173967			US	Pending	LSI Corporation
L13-0838EP1	Jun 25, 2014	141739060			EP	Pending	LSI Corporation
L13-0838JP1	Jun 25, 2014	2014129940			JP	Pending	LSI Corporation
L13-1084US1	Feb 7, 2014	61937234			US	Pending	LSI Corporation
L13-1048US1	Feb 11, 2014	61938292			US	Pending	LSI Corporation
L13-1048US2	Feb 28, 2014	14194180			US	Pending	LSI Corporation

L13-0894JP1	Jul 1, 2014	2014135509			JP	Pending	LSI Corporation
L13-0867EP1	Jun 25, 2014	141739268			EP	Pending	LSI Corporation
L13-0867JP1	Jun 26, 2014	2014131486			JP	Pending	LSI Corporation
L12-1843US1	Feb 10, 2014	14238104			US	Pending	LSI Corporation
L13-1202US1	Feb 11, 2014	14177496			US	Pending	LSI Corporation
L13-1143US2	Feb 13, 2014	14180329			US	Pending	LSI Corporation
L13-1142US2	Feb 13, 2014	14179923			US	Pending	LSI Corporation
L13-1388US1	Feb 14, 2014	61938936			US	Pending	LSI Corporation
L13-1388US2	Feb 27, 2014	14192110			US	Pending	LSI Corporation
L12-2913EP1	Feb 6, 2014	141540955			EP	Pending	LSI Corporation
L13-1141US2	Feb 11, 2014	14177646			US	Pending	LSI Corporation
L12-1873US1	Aug 28, 2013	14238327			US	Pending	LSI Corporation
L13-1116US1	Jan 29, 2014	61933129			US	Pending	LSI Corporation
L12-1835US1	Feb 11, 2014	14238356			US	Pending	LSI Corporation
L13-1098US1	Feb 12, 2014	61938885			US	Pending	LSI Corporation
L13-1116US2	Feb 13, 2014	14179681			US	Pending	LSI Corporation
L12-2913JP1	Feb 12, 2014	2014023971			JP	Pending	LSI Corporation
L12-1875US1	Feb 12, 2014	14238522			US	Pending	LSI Corporation
L13-1299US1	Feb 12, 2014	61939192			US	Pending	LSI Corporation
L13-1310US1	Feb 13, 2014	61939530			US	Pending	LSI Corporation
L13-1247US2	Feb 14, 2014	14181108			US	Pending	LSI Corporation
L13-1333US1	Feb 17, 2014	61940553			US	Pending	LSI Corporation
L13-1373US1	Feb 17, 2014	61940559			US	Pending	LSI Corporation
L13-1081US1	Feb 17, 2014	14182008			US	Pending	LSI Corporation
L13-1257US1	Feb 18, 2014	61941378			US	Pending	LSI Corporation
L13-1272US2	Feb 13, 2014	14179667			US	Pending	LSI Corporation
L13-1084US2	Mar 5, 2014	14198008			US	Pending	LSI Corporation
L13-1389US1	Feb 21, 2014	14186241			US	Pending	LSI Corporation
L13-0803US1	Feb 21, 2014	14186513			US	Pending	LSI Corporation
L13-1300US2	Feb 28, 2014	14193170			US	Pending	LSI Corporation
L12-1309EP1	Oct 7, 2013	131759524			EP	Pending	LSI Corporation
L13-1372US1	Feb 25, 2014	61944208			US	Pending	LSI Corporation
L13-0929EP1	Jun 10, 2014	141717405			EP	Pending	LSI Corporation
L13-0929CN1	Jun 20, 2014	2014102778050			CN	Pending	LSI Corporation
L13-1364US1	Feb 25, 2014	61944454			US	Pending	LSI Corporation
L13-0929KR1	Jun 19, 2014	20140074980			KR	Pending	LSI Corporation
L13-0929JP1	May 29, 2014	2014110719			JP	Pending	LSI Corporation
L13-0929TW1	Mar 26, 2014	103111321			TW	Pending	LSI Corporation
L10-0392US2	Mar 28, 2014	14228913			US	Pending	LSI Corporation
L13-1428US1	Feb 26, 2014	61944696			US	Pending	LSI Corporation
L13-1428US2	Mar 3, 2014	14195058			US	Pending	LSI Corporation
L13-1091RU1	Mar 17, 2014	2014110139			RU	Pending	LSI Corporation
L13-0966RU1	Mar 17, 2014	2014110491			RU	Pending	LSI Corporation
L13-1421US1	Feb 26, 2014	14190582			US	Pending	LSI Corporation
L13-1423US1	Feb 26, 2014	14190659			US	Pending	LSI Corporation
L13-1424US1	Feb 26, 2014	61944663			US	Pending	LSI Corporation
L13-1375US2	Feb 27, 2014	14192683			US	Pending	LSI Corporation
L13-1194US2	Feb 28, 2014	14194069			US	Pending	LSI Corporation
L13-1282RU1	Mar 6, 2014	2014108820			RU	Pending	LSI Corporation
L13-0842JP1	Jun 9, 2014	2014118253			JP	Pending	LSI Corporation
L13-0842TW1	Mar 26, 2014	103111323			TW	Pending	LSI Corporation
L12-1346CA1	May 17, 2013	2844705			CA	Pending	LSI Corporation
L12-1346CN1	May 17, 2013				CN	Pending	LSI Corporation
L12-1346EP1	May 17, 2013				EP	Pending	LSI Corporation
L12-1346IL1	May 17, 2013				IL	Pending	LSI Corporation
L12-1346JP1	May 17, 2013				JP	Pending	LSI Corporation
L12-1346KR1	May 17, 2013				KR	Pending	LSI Corporation
L11-1822US2	Feb 27, 2014	14192825			US	Pending	LSI Corporation
L12-1365CA1	Jul 3, 2013	2850073			CA	Pending	LSI Corporation
L12-1365CN1	Jul 3, 2013	2013800036632			CN	Pending	LSI Corporation
L12-1365EP1	Jul 3, 2013				EP	Pending	LSI Corporation
L12-1365IL1	Jul 3, 2013				IL	Pending	LSI Corporation
L12-1365JP1	Jul 3, 2013				JP	Pending	LSI Corporation
L12-1365KR1	Jul 3, 2013				KR	Pending	LSI Corporation
L13-1370US1	Feb 28, 2014	61946258			US	Pending	LSI Corporation
L13-1292RU1	Mar 6, 2014	2014108870			RU	Pending	LSI Corporation
L13-1355US1	Mar 4, 2014	61947595			US	Pending	LSI Corporation
L13-1349US1	Feb 28, 2014	61945989			US	Pending	LSI Corporation
L13-1374US1	Mar 4, 2014	61947738			US	Pending	LSI Corporation
L13-1387US1	Mar 4, 2014	61947873			US	Pending	LSI Corporation
L13-1366US1	Feb 28, 2014	61946698			US	Pending	LSI Corporation
L12-1549CA1	Aug 23, 2013	2844694			CA	Pending	LSI Corporation
L12-1549CN1	Aug 23, 2013				CN	Pending	LSI Corporation
L12-1549EP1	Aug 23, 2013				EP	Pending	LSI Corporation
L12-1549IL1	Aug 23, 2013				IL	Pending	LSI Corporation
L12-1549JP1	Aug 23, 2013				JP	Pending	LSI Corporation
L12-1549KR1	Aug 23, 2013				KR	Pending	LSI Corporation
L13-1398US1	Mar 5, 2014	14197552			US	Pending	LSI Corporation
L13-1310US2	Mar 5, 2014	14197748			US	Pending	LSI Corporation
L13-1315RU1	Mar 12, 2014	2014109439			RU	Pending	LSI Corporation
L13-1367US1	Mar 5, 2014	61948111			US	Pending	LSI Corporation
L12-3469EP1	Feb 27, 2014	141570408			EP	Pending	LSI Corporation
L13-1248US1	Mar 6, 2014	61948777			US	Pending	LSI Corporation
L13-1248US2	Mar 19, 2014	14219279			US	Pending	LSI Corporation
L12-2858JP1	Feb 28, 2014	201437980			JP	Pending	LSI Corporation
L13-1098US2	Mar 6, 2014	14198830			US	Pending	LSI Corporation
L13-1296RU1	Mar 18, 2014	2014110361			RU	Pending	LSI Corporation
L13-1135US1	Mar 7, 2014	14200228			US	Pending	LSI Corporation
L02-5679-GB	Nov 14, 2003	030262091	Sep 22, 2010	1431820	GB	Issued	LSI Logic Corporation
L13-1305US2	Mar 25, 2014	14225409			US	Pending	LSI Corporation
L12-3015CN1	Feb 17, 2014	2014100519869			CN	Pending	LSI Corporation
L12-2858CN1	Feb 17, 2014	2014100530879			CN	Pending	LSI Corporation
L12-1488CA1	Aug 23, 2013	2846653			CA	Pending	LSI Corporation
L12-1488CN1	Aug 23, 2013				CN	Pending	LSI Corporation
L12-1488EP1	Aug 23, 2013				EP	Pending	LSI Corporation
L12-1488JP1	Aug 23, 2013				JP	Pending	LSI Corporation
L12-1488KR1	Aug 23, 2013				KR	Pending	LSI Corporation
L13-1373US2	Mar 21, 2014	14222157			US	Pending	LSI Corporation

L13-1237US1	Mar 11, 2014	61951075			US	Pending	LSI Corporation
L13-1237US2	Apr 14, 2014	14251946			US	Pending	LSI Corporation
L13-1371CN1	Mar 19, 2014	2014101017885			CN	Pending	LSI Corporation
L13-1110US1	Mar 7, 2014	61949708			US	Pending	LSI Corporation
L13-1340US1	Mar 14, 2014	14211084			US	Pending	LSI Corporation
L12-1875CN1	Sep 13, 2013				CN	Pending	LSI Corporation
L12-1875EP1	Sep 13, 2013				EP	Pending	LSI Corporation
L12-1875JP1	Sep 13, 2013				JP	Pending	LSI Corporation
L12-1875KR1	Sep 13, 2013				KR	Pending	LSI Corporation
L13-1410US1	Mar 10, 2014	61950355			US	Pending	LSI Corporation
L14-0076US1	Mar 12, 2014	61951710			US	Pending	LSI Corporation
L13-0987US3	Mar 14, 2014	14212312			US	Pending	LSI Corporation
L13-1404US1	Mar 14, 2014	14212351			US	Pending	LSI Corporation
L13-1411US1	Mar 17, 2014	14215228			US	Pending	LSI Corporation
L12-2858EP1	Mar 11, 2014	141589630			EP	Pending	LSI Corporation
L12-1668CA1	Aug 26, 2013	2847122			CA	Pending	LSI Corporation
L12-1668CN1	Aug 26, 2013				CN	Pending	LSI Corporation
L12-1668EP1	Aug 26, 2013				EP	Pending	LSI Corporation
L12-1668JP1	Aug 26, 2013				JP	Pending	LSI Corporation
L12-1668KR1	Aug 26, 2013				KR	Pending	LSI Corporation
L12-3015EP1	Mar 11, 2014	141589606			EP	Pending	LSI Corporation
L12-2858TW1	Jan 15, 2014	103101494			TW	Pending	LSI Corporation
L12-3015TW1	Jan 15, 2014	103101493			TW	Pending	LSI Corporation
L12-3015JP1	Mar 10, 2014	201445818			JP	Pending	LSI Corporation
L13-1395US1	Mar 12, 2014	61951637			US	Pending	LSI Corporation
L12-1843CA1	Aug 28, 2013	2846649			CA	Pending	LSI Corporation
L12-1843CN1	Aug 28, 2013				CN	Pending	LSI Corporation
L12-1843EP1	Aug 28, 2013				EP	Pending	LSI Corporation
L12-1843JP1	Aug 28, 2013				JP	Pending	LSI Corporation
L12-1843KR1	Aug 28, 2013				KR	Pending	LSI Corporation
L14-0092US1	Mar 13, 2014	61952491			US	Pending	LSI Corporation
L14-0124US1	Mar 14, 2014	61952963			US	Pending	LSI Corporation
09-0370FR1	Mar 30, 2010	101584852	May 21, 2014	2339752	FR	Issued	LSI Corporation
09-0370DE1	Mar 30, 2010	101584852	May 21, 2014	602010016200.1	DE	Issued	LSI Corporation
09-0370GB1	Mar 30, 2010	101584852	May 21, 2014	2339752	GB	Issued	LSI Corporation
L13-1124TW1	Mar 25, 2014	103111021			TW	Pending	LSI Corporation
L13-1293US1	Mar 19, 2014	61955422			US	Pending	LSI Corporation
L14-0076US2	Mar 20, 2014	14220257			US	Pending	LSI Corporation
L13-1372US2	Mar 20, 2014	14220211			US	Pending	LSI Corporation
L12-1558KR1	Jul 3, 2013				KR	Pending	LSI Corporation
L13-0763TW1	Mar 25, 2014	103111022			TW	Pending	LSI Corporation
L13-1357US1	Mar 17, 2014	61954556			US	Pending	LSI Corporation
L13-1258US1	Mar 18, 2014	14217475			US	Pending	LSI Corporation
L13-0238US1	Mar 18, 2014	14217609			US	Pending	LSI Corporation
L12-1558EP1	Jul 3, 2013				EP	Pending	LSI Corporation
L12-1558CA1	Jul 3, 2013	2847118			CA	Pending	LSI Corporation
L12-1558CN1	Jul 3, 2013	2013800038445			CN	Pending	LSI Corporation
L12-1558JP1	Jul 3, 2013				JP	Pending	LSI Corporation
L13-1257US2	Mar 18, 2014	14218626			US	Pending	LSI Corporation
L13-1366US2	Mar 18, 2014	14217805			US	Pending	LSI Corporation
L13-1367US2	Mar 18, 2014	14217783			US	Pending	LSI Corporation
L13-1395US2	Mar 18, 2014	14217886			US	Pending	LSI Corporation
L13-1303RU1	Mar 27, 2014	2014111793			RU	Pending	LSI Corporation
L12-1822CA1	Aug 27, 2013	2847120			CA	Pending	LSI Corporation
L12-1822CN1	Aug 27, 2013				CN	Pending	LSI Corporation
L12-1822EP1	Aug 27, 2013				EP	Pending	LSI Corporation
L12-1822JP1	Aug 27, 2013				JP	Pending	LSI Corporation
L12-1822KR1	Aug 27, 2013				KR	Pending	LSI Corporation
L13-1124JP1	Jul 14, 2014	2014143880			JP	Pending	LSI Corporation
L14-0050US1	Mar 24, 2014	14223407			US	Pending	LSI Corporation
L13-1364US2	Mar 18, 2014	14217833			US	Pending	LSI Corporation
09-0855US2	Apr 7, 2014	14246506			US	Pending	LSI Corporation
L13-0723US1	Mar 26, 2014	14226627			US	Pending	LSI Corporation
L13-0722US1	Mar 26, 2014	14226107			US	Pending	LSI Corporation
L13-1299US2	Mar 26, 2014	14225543			US	Pending	LSI Corporation
L13-0803WO1	Mar 25, 2014	PCTUS1431729			WO	Pending	LSI Corporation
L12-3469KR1	Mar 12, 2014	1020140028954			KR	Pending	LSI Corporation
L12-3854TW1	Apr 2, 2014	103112258			TW	Pending	LSI Corporation
L13-1374US2	Mar 27, 2014	14227120			US	Pending	LSI Corporation
L13-1355US2	Mar 27, 2014	14226915			US	Pending	LSI Corporation
05-0821US3	Mar 19, 2014	14219303			US	Pending	LSI Logic Corporation
L13-1336US1	Mar 21, 2014	14221355			US	Pending	LSI Corporation
L12-3853TW1	Mar 14, 2014	103109546			TW	Pending	LSI Corporation
L14-0104US1	Mar 24, 2014	14223488			US	Pending	LSI Corporation
L14-0006US1	Mar 28, 2014	61971672			US	Pending	LSI Corporation
L13-1256US1	Mar 28, 2014	61971813			US	Pending	LSI Corporation
L13-1316RU1	Apr 3, 2014	2014113049			RU	Pending	LSI Corporation
L14-0008US1	Apr 1, 2014	61973345			US	Pending	LSI Corporation
L13-1370US2	Mar 31, 2014	14230532			US	Pending	LSI Corporation
L13-1293US2	Mar 31, 2014	14230908			US	Pending	LSI Corporation
L14-0006US2	Mar 31, 2014	14230120			US	Pending	LSI Corporation
L13-1357US2	Mar 31, 2014	14230240			US	Pending	LSI Corporation
L12-1873CA1	Aug 28, 2013	2848829			CA	Pending	LSI Corporation
L12-1873CN1	Aug 28, 2013				CN	Pending	LSI Corporation
L12-1873JP1	Aug 28, 2013				JP	Pending	LSI Corporation
L12-1873KR1	Aug 28, 2013				KR	Pending	LSI Corporation
L12-1873EP1	Aug 28, 2013				EP	Pending	LSI Corporation
L12-1835CN1	Aug 29, 2013				CN	Pending	LSI Corporation
L12-1835EP1	Aug 29, 2013				EP	Pending	LSI Corporation
L12-1835JP1	Aug 29, 2013				JP	Pending	LSI Corporation
L12-1835KR1	Aug 29, 2013				KR	Pending	LSI Corporation
L14-0225FR1	Apr 7, 2011	FR1153043	Apr 26, 2013	FR2973899	FR	Issued	LSI Corporation
L14-0225WO1	Dec 13, 2011	PCTFR2011052964			WO	Pending	LSI Corporation
L14-0080US1	Apr 2, 2014	61974078			US	Pending	LSI Corporation
L14-0080US2	Apr 28, 2014	14263189			US	Pending	LSI Corporation
L14-0038US1	Apr 4, 2014	61975202			US	Pending	LSI Corporation
L14-0038US2	Apr 29, 2014	14264419			US	Pending	LSI Corporation
L14-0225US1	Jul 10, 2012	13521337			US	Pending	LSI Corporation

L14-0225CN1		Dec 13, 2011	2011800710255			CN	Pending	LSI Corporation
L12-3469CN1		Mar 14, 2014	2014100949505			CN	Pending	LSI Corporation
L13-1312RU1		Mar 27, 2014	2014111792			RU	Pending	LSI Corporation
L13-0763KR1		Jul 28, 2014	201310453246X			KR	Pending	LSI Corporation
L13-0763JP1		Jul 17, 2014	2014146772			JP	Pending	LSI Corporation
L13-1333US2		Mar 21, 2014	14221968			US	Pending	LSI Corporation
L14-0225JP1		Dec 13, 2011	2014503185			JP	Pending	LSI Corporation
L14-0225KR1		Dec 13, 2011	1020137029267			KR	Pending	LSI Corporation
O09-0646DE1		Aug 25, 2011	111789038	Jan 15, 2014	602011004679.9	DE	Issued	LSI Corporation
O09-0646UK1		Aug 25, 2011	111789038	Jan 15, 2014	2423822	GB	Issued	LSI Corporation
L13-1173US1		Apr 1, 2014	61973806			US	Pending	LSI Corporation
L13-1361US1		Apr 1, 2014	61973829			US	Pending	LSI Corporation
L14-0074US1		Apr 1, 2014	14242633			US	Pending	LSI Corporation
L12-3469JP1		Mar 10, 2014	2014046852			JP	Pending	LSI Corporation
L13-1371US1		Apr 2, 2014	14243098			US	Pending	LSI Corporation
L12-0013US2		Apr 2, 2014	14243107			US	Pending	LSI Corporation
L14-0039US1		Apr 2, 2014	14243539			US	Pending	LSI Corporation
L13-0369US1		Apr 3, 2014	14244122			US	Pending	LSI Corporation
L13-1219US1		Apr 3, 2014	61974894			US	Pending	LSI Corporation
O06-0233-DE		Sep 21, 2007	078535986	Apr 2, 2014	602007035947.3	DE	Issued	LSI Logic Corporation
L13-1349US2		Apr 3, 2014	14244474			US	Pending	LSI Corporation
L14-0075US1		Apr 8, 2014	61976854			US	Pending	LSI Corporation
L14-0075US2		May 5, 2014	14269590			US	Pending	LSI Corporation
O08-0283-JP2		Dec 23, 2008	201486969			JP	Pending	LSI Corporation
O10-0269US2		Apr 11, 2014	14251258			US	Pending	LSI Corporation
L13-1422US1		Apr 8, 2014	14248171			US	Pending	LSI Corporation
L13-1410US2		Apr 9, 2014	14248624			US	Pending	LSI Corporation
L14-0030US1		Apr 9, 2014	61977399			US	Pending	LSI Corporation
L13-0801WO1		Mar 21, 2014	PCTUS1431471			WO	Pending	LSI Corporation
L13-0802WO1		Mar 24, 2014	PCTUS1431562			WO	Pending	LSI Corporation
L13-1324US1		Mar 28, 2014	61971895			US	Pending	LSI Corporation
L13-1324US2		Apr 3, 2014	14244846			US	Pending	LSI Corporation
L14-0008US2		Apr 9, 2014	14248943			US	Pending	LSI Corporation
L14-0087US1		Apr 10, 2014	14249450			US	Pending	LSI Corporation
L13-0184US1		Mar 27, 2014	14226627			US	Pending	LSI Corporation
L14-0062US1		Apr 10, 2014	14249714			US	Pending	LSI Corporation
L13-0687US1		Mar 31, 2014	14231680			US	Pending	LSI Corporation
L13-0915US1		Mar 31, 2014	14231417			US	Pending	LSI Corporation
L13-1443US1		Apr 18, 2014	61981543			US	Pending	LSI Corporation
L13-1443US2		Apr 24, 2014	14261318			US	Pending	LSI Corporation
L14-0049US1		May 1, 2014	14267354			US	Pending	LSI Corporation
L14-0049US2		May 1, 2014	14267344			US	Pending	LSI Corporation
L14-0107IN1		Apr 9, 2014				IN	Pending	LSI Corporation
L14-0107US1		Apr 23, 2014	14259994			US	Pending	LSI Corporation
L14-0134US1		Apr 11, 2014	14250587			US	Pending	LSI Corporation
L13-1256US2		Apr 11, 2014	14251350			US	Pending	LSI Corporation
L13-1173US2		Apr 14, 2014	14252652			US	Pending	LSI Corporation
L13-1424US2		Apr 15, 2014	14252851			US	Pending	LSI Corporation
L14-0041US1		Apr 17, 2014	14255086			US	Pending	LSI Corporation
L14-0065US1		Apr 21, 2014	61981920			US	Pending	LSI Corporation
L13-1313RU1		Apr 24, 2014				RU	Pending	LSI Corporation
L14-0113US1		Apr 25, 2014	14261476			US	Pending	LSI Corporation
L13-0938WO1		Apr 18, 2014	PCTUS1434584			WO	Pending	LSI Corporation
L13-1361US2		Apr 2, 2014	14243810			US	Pending	LSI Corporation
L13-1447US1		Apr 21, 2014	61981883			US	Pending	LSI Corporation
L14-0016US1		Apr 21, 2014	61981884			US	Pending	LSI Corporation
L13-1152US1		Apr 21, 2014	14353171			US	Pending	LSI Corporation
L13-1320RU1		Apr 29, 2014	2014117521			RU	Pending	LSI Corporation
L13-1399US1		Apr 22, 2014	14258236			US	Pending	LSI Corporation
L14-0007US1		Apr 22, 2014	14258360			US	Pending	LSI Corporation
L14-0059US1		Apr 22, 2014	61982793			US	Pending	LSI Corporation
L14-0083IN1		Apr 28, 2014	2135CHE2014			IN	Pending	LSI Corporation
L13-1383US1		Apr 23, 2014	14259264			US	Pending	LSI Corporation
L14-0016US2		Apr 23, 2014	14259338			US	Pending	LSI Corporation
L13-1387US2		Apr 28, 2014	14263562			US	Pending	LSI Corporation
L14-0005US1		Apr 23, 2014	61983425			US	Pending	LSI Corporation
L14-0005US2		Apr 24, 2014	14261395			US	Pending	LSI Corporation
L13-1409US1		Apr 14, 2014	61979401			US	Pending	LSI Corporation
L13-1409US2		Apr 23, 2014	14259424			US	Pending	LSI Corporation
L13-1447US2		Apr 23, 2014	14259388			US	Pending	LSI Corporation
L14-0169RU1		May 19, 2014	2014119848			RU	Pending	LSI Corporation
L11-1592KR1		Oct 26, 2012	20147014136			KR	Pending	LSI Corporation
L11-1590KR2		Oct 26, 2012	20147014151			KR	Pending	LSI Corporation
L13-0987WO1		Apr 22, 2014	PCTUS1434990			WO	Pending	LSI Corporation
L14-0097US2		May 1, 2014	14267568			US	Pending	LSI Corporation
L13-0959WO1		May 1, 2014	PCTUS1436339			WO	Pending	LSI Corporation
L14-0097US1		Apr 25, 2014	61984597			US	Pending	LSI Corporation
L13-1289US1		Apr 24, 2014	14260463			US	Pending	LSI Corporation
L13-1448US1		Apr 28, 2014	61985206			US	Pending	LSI Corporation
L14-0109US1		Apr 29, 2014	61985610			US	Pending	LSI Corporation
L13-0961WO1		Apr 29, 2014	PCTUS1435838			WO	Pending	LSI Corporation
L14-0124US2		Apr 23, 2014	14259530			US	Pending	LSI Corporation
L14-0157US1		Apr 23, 2014	14259432			US	Pending	LSI Corporation
L14-0137US1		Apr 30, 2014	61986569			US	Pending	LSI Corporation
O08-1075DE1		Jul 3, 2009	092517242	Apr 30, 2014	602009023650.4	DE	Issued	LSI Corporation
O08-1075UK1		Jul 3, 2009	092517242	Apr 30, 2014	2163995	GB	Issued	LSI Corporation
O06-0233UK		Sep 21, 2007	078535986	Apr 2, 2014	2074519	GB	Issued	LSI Logic Corporation
L11-1590KR3		Oct 26, 2012	20147014148			KR	Pending	LSI Corporation
L11-1590KR4		Oct 26, 2012	20147014067			KR	Pending	LSI Corporation
L14-0091US1		Apr 24, 2014	61983736			US	Pending	LSI Corporation
L13-1219US2		Apr 24, 2014	14261333			US	Pending	LSI Corporation
L14-0040US1		May 2, 2014	14268591			US	Pending	LSI Corporation
L14-0059US2		May 2, 2014	14268741			US	Pending	LSI Corporation
L14-0060US1		Apr 30, 2014	61986605			US	Pending	LSI Corporation
L12-3535US2		May 2, 2014	14268957			US	Pending	LSI Corporation
L13-1110US2		May 2, 2014	14269004			US	Pending	LSI Corporation
L13-1239US1		May 5, 2014	14269410			US	Pending	LSI Corporation
L14-0174US1		May 5, 2014	61988489			US	Pending	LSI Corporation

L14-0174US2	May 20, 2014	14282070			US	Pending	LSI Corporation
L14-0091US2	May 1, 2014	14267653			US	Pending	LSI Corporation
L13-0960WO1	Apr 18, 2014	PCTUS1434586			WO	Pending	LSI Corporation
L11-1590EP2	Oct 26, 2012	128465564			EP	Pending	LSI Corporation
L11-1590EP3	Oct 26, 2012	128444239			EP	Pending	LSI Corporation
L11-1590EP1	Oct 26, 2012	128439130			EP	Pending	LSI Corporation
L11-1591EP1	Oct 26, 2012	128428901			EP	Pending	LSI Corporation
L13-1445US1	May 7, 2014	14271588			US	Pending	LSI Corporation
L13-1339US1	May 8, 2014	14272606			US	Pending	LSI Corporation
L12-0821US3	May 8, 2014	14272603			US	Pending	LSI Corporation
L13-1318US1	Apr 3, 2014	61974493			US	Pending	LSI Corporation
L13-1318US2	May 8, 2014	14272651			US	Pending	LSI Corporation
L14-0030US2	May 9, 2014	14273719			US	Pending	LSI Corporation
L14-0043US1	May 9, 2014	14274153			US	Pending	LSI Corporation
L14-0065US2	May 9, 2014	14273812			US	Pending	LSI Corporation
L14-0109US2	May 9, 2014	14273920			US	Pending	LSI Corporation
L14-0103US1	May 12, 2014	14274965			US	Pending	LSI Corporation
L13-1117US1	May 13, 2014	14276429			US	Pending	LSI Corporation
L13-0960US1	May 13, 2014	PCTUS2014034586			US	Pending	LSI Corporation
L13-0938US1	May 14, 2014	PCTUS2014034584			US	Pending	LSI Corporation
L13-0847US1	May 15, 2014	14277975			US	Pending	LSI Corporation
L13-0959US1	May 15, 2014	PCTUS2014036339			US	Pending	LSI Corporation
L13-1283US1	May 6, 2014	61989154			US	Pending	LSI Corporation
L12-3351US2	May 15, 2014	14277920			US	Pending	LSI Corporation
L13-1283US2	May 15, 2014	14278188			US	Pending	LSI Corporation
L13-0961US1	May 15, 2014	14358358			US	Pending	LSI Corporation
L13-1448US2	May 16, 2014	14280295			US	Pending	LSI Corporation
L14-0236US1	May 19, 2014	14280884			US	Pending	LSI Corporation
L13-1199US1	May 19, 2014	14280888			US	Pending	LSI Corporation
L14-0184US1	May 20, 2014	14282380			US	Pending	LSI Corporation
L14-0089US1	May 28, 2014	14288575			US	Pending	LSI Corporation
L14-0197US1	May 22, 2014	14284875			US	Pending	LSI Corporation
L14-0060US2	May 20, 2014	14283170			US	Pending	LSI Corporation
L13-1432US1	May 19, 2014	14280906			US	Pending	LSI Corporation
L14-0137US2	May 27, 2014	14288363			US	Pending	LSI Corporation
L14-0146US1	May 29, 2014	62004327			US	Pending	LSI Corporation
L14-0188US1	May 29, 2014	14289893			US	Pending	LSI Corporation
L13-0972WO1	May 22, 2014	PCTUS1439161			WO	Pending	LSI Corporation
L11-1591KR1	Oct 26, 2012	20147014118			KR	Pending	LSI Corporation
L13-0972US1	May 27, 2014	14360760			US	Pending	LSI Corporation
L13-0809KR1	May 16, 2014	20140059145			KR	Pending	LSI Corporation
L13-1311US1	May 16, 2014	14280052			US	Pending	LSI Corporation
L13-0967US2	May 28, 2014	14289329			US	Pending	LSI Corporation
L14-0123US1	May 29, 2014	14290130			US	Pending	LSI Corporation
L14-0163US1	May 30, 2014	14291127			US	Pending	LSI Corporation
L14-0206US1	May 30, 2014	14291909			US	Pending	LSI Corporation
L14-0053US1	May 30, 2014	14292301			US	Pending	LSI Corporation
L13-0809EP1	May 21, 2014	141692319			EP	Pending	LSI Corporation
L07-1715-DE	Mar 31, 2009	091569251	Jun 18, 2014	602009024707.7	DE	Issued	LSI Logic Corporation
L07-1715-UK	Mar 31, 2009	091569251	Jun 18, 2014	2114014	GB	Issued	LSI Logic Corporation
L14-0165US1	Jun 2, 2014	14293130			US	Pending	LSI Corporation
L13-0809JP1	May 28, 2014	2014109805			JP	Pending	LSI Corporation
L14-0225FR2	Dec 13, 2011	118111012	Jun 26, 2013	EP2524294	FR	Issued	LSI Corporation
L14-0225DE1	Dec 13, 2011	118111012	Jun 26, 2013	602011002151	DE	Issued	LSI Corporation
L14-0225UK1	Dec 13, 2011	118111012	Jun 26, 2013	EP2524294	GB	Issued	LSI Corporation
L14-0322FR1	Mar 9, 2007	0701726	Jun 24, 2009	0701726	FR	Issued	LSI Corporation
L14-0322US1	Mar 7, 2008	12044118	Jan 31, 2012	8108694	US	Issued	LSI Corporation
L14-0083US1	Jun 9, 2014	14299052			US	Pending	LSI Corporation
L13-0809CN1	May 16, 2014	2014102068776			CN	Pending	LSI Corporation
L13-0904JP1	Jun 6, 2014	2014117155			JP	Pending	LSI Corporation
L14-0226IN1	Jun 19, 2014	666KOL2014			IN	Pending	LSI Corporation
L09-0586FR1	Dec 22, 2010	100159540	Jun 4, 2014	2343844	FR	Issued	LSI Corporation
L09-0586DE1	Dec 22, 2010	100159540	Jun 4, 2014	602010016388.1	DE	Issued	LSI Corporation
L09-0586UK1	Dec 22, 2010	100159540	Jun 4, 2014	2343844	GB	Issued	LSI Corporation
L11-2484US2	Jun 16, 2014	14305585			US	Pending	LSI Corporation
L14-0244US1	Jun 16, 2014	14305293			US	Pending	LSI Corporation
L14-0245US1	Jun 16, 2014	14305208			US	Pending	LSI Corporation
L13-1443US3	Apr 24, 2014	14261324			US	Pending	LSI Corporation
L14-0261US1	Jun 17, 2014	14306555			US	Pending	LSI Corporation
L14-0055US1	Jun 9, 2014	14299195			US	Pending	LSI Corporation
L14-0242US1	Jun 19, 2014	14308911			US	Pending	LSI Corporation
L14-0273US1	Jun 23, 2014	14311645			US	Pending	LSI Corporation
L11-1592EP1	Oct 26, 2012	128435120			EP	Pending	LSI Corporation
L14-0166US1	Jun 23, 2014	14312581			US	Pending	LSI Corporation
L11-1590EP4	Oct 26, 2012	128439130			EP	Pending	LSI Corporation
L13-1360US1	Jun 27, 2014	14317642			US	Pending	LSI Corporation
L14-0011US1	Jun 29, 2014	14318665			US	Pending	LSI Corporation
L14-0094US1	Jun 29, 2014	14318666			US	Pending	LSI Corporation
L14-0110US1	Jun 30, 2014	14320011			US	Pending	LSI Corporation
L14-0187US1	Jul 2, 2014	14322890			US	Pending	LSI Corporation
L14-0306US1	Jul 3, 2014	14323079			US	Pending	LSI Corporation
L14-0243US1	Jul 2, 2014	14322376			US	Pending	LSI Corporation
L12-3290EP1	Jul 3, 2014	141756296			EP	Pending	LSI Corporation
L14-0138US1	May 16, 2014	14279677			US	Pending	LSI Corporation
L14-0063US1	May 2, 2014	61987639			US	Pending	LSI Corporation
L14-0063US2	May 28, 2014	14288838			US	Pending	LSI Corporation
L14-0092US2	Apr 21, 2014	14257315			US	Pending	LSI Corporation
L13-0985JP1	Jun 27, 2014	2014131966			JP	Pending	LSI Corporation
L14-0125US1	Jul 11, 2014	14329467			US	Pending	LSI Corporation
L08-1488CN1	May 5, 2009	2009801557325	Jun 5, 2014		CN	Issued	LSI Corporation
L10-0484US2	Sep 19, 2013	14031701	Jun 24, 2014	8760977	US	Issued	LSI Corporation
L11-1268US2	Apr 24, 2013	13869862	Jun 24, 2014	8762807	US	Issued	LSI Corporation
L14-0079US1	Jul 17, 2014	14334125			US	Pending	LSI Corporation
L13-1376US1	Jul 17, 2014	14333644			US	Pending	LSI Corporation
L14-0078US1	Jul 17, 2014	14334410			US	Pending	LSI Corporation
L13-0904CN1	Jul 4, 2014	2014103173676			CN	Pending	LSI Corporation
L13-0904KR1	Jul 4, 2014	20140083829			KR	Pending	LSI Corporation
L13-0856US2	Jul 17, 2014	14333757			US	Pending	LSI Corporation

L13-0857US2	Jul 17, 2014	14333780			US	Pending	LSI Corporation
L14-0241US1	Jul 21, 2014	14337158			US	Pending	LSI Corporation
L14-0210US1	Jul 22, 2014	14338343			US	Pending	LSI Corporation
L14-0207US1	Jul 21, 2014	14336986			US	Pending	LSI Corporation
L14-0093US1	Jul 22, 2014	14338073			US	Pending	LSI Corporation
L14-0290US1	Jul 22, 2014	14337409			US	Pending	LSI Corporation
L13-1279WO1	Jul 23, 2014				WO	Pending	LSI Corporation
L14-0293US1	Jul 23, 2014	14338645			US	Pending	LSI Corporation
L14-0309US1	Jul 25, 2014	14341515			US	Pending	LSI Corporation
L14-0310US1	Jul 25, 2014	14341566			US	Pending	LSI Corporation
L14-0077US1	Jul 28, 2014	14444916			US	Pending	LSI Corporation
L10-0464US2	Jul 29, 2014	14445145			US	Pending	LSI Corporation
L14-0088US1	Jul 24, 2014	14340517			US	Pending	LSI Corporation
LLC-2300	Oct 25, 1993	143198	Mar 14, 1995	5398072	US	Issued	LSI Logic Corporation
P-2507/2C	Apr 14, 1997	839464	Mar 23, 1999	5887187	US	Issued	LSI Logic Corporation