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ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Om P. Agrawal	oſ	Los Altos, CA
Bai Nguyen	of	Union City, CA
Kuang Chi	of	San Jose, CA
Brad Sharpe-Geisler	of	San Jose, CA
Giap Tran	of	San Jose, CA

hereby sell, assign and transfer to Lattice Semiconductor Corporation, a Delaware corporation, having a place of business at 5555 N.E. Moore Court, Hillsboro, Oregon 97124-6421, its successors and assigns, the entire right, title and interest throughout the world in our invention in

Scalable Serializer-Deserializer Architecture And Programmable Interface

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 30	day of	June		003.
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State of <u>California</u> County of <u>Contractors</u>				
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Executed this 8 day of July 2003. Bai Nguyén State of (County o Manuten 2003, before mel ichele cql Onpersonally appeared £ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name to is(are) subscribed to the within instrument and acknowledged to me that hc/shc/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. MICHELE L. REED Comm. No. 1308815 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY Signature of NOTARY Comm. Expires June 12, 2005 Executed this day of State of County o addecreanally appeared Kuan On . 2003, before me, VCN personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ics), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official scal.

MICHELE L. REED Comm. No. 1308815 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Comm. Expires June 12, 2005

Executed this 1 day of July Brad day, Coch . 2003. State of $(^{1}\alpha)$) \$5 County of On July 2003, before me, <u>A chelc L. Keed</u> personally appeared <u>Brad Sharpe-Gaster</u> personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. MICHELE L. REED WITNESS my hand and official seal. Comm. No.1308815 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Comm. Expires June 12, 2005 Signature of NOTAR Executed this day of July, 2003. State of Cal County of Sanha Chain, ss On July 2003, before me Michald L Hare bersonally appeared trap Iran personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. MICHELE L. REED Comm. No.1308815

Signature of NOTARY

-Page 3 of 3-

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