PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BOON YEW LOW	12/22/2020
FERNANDO A. SANTOS	12/23/2020
LILI	12/22/2020
FUI YEE LIM	12/23/2020
LAN CHU TAN	12/28/2020

RECEIVING PARTY DATA

Name:	NXP USA, INC.
Street Address:	6501 WILLIAM CANNON DRIVE WEST
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78735

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17136408

CORRESPONDENCE DATA

Fax Number: (512)895-6630

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.

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Correspondent Name: NXP USA, INC. LAW DEPARTMENT

Address Line 1: 6501 WILLIAM CANNON DRIVE WEST TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	82279013US01
NAME OF SUBMITTER:	LYNN MILLER
SIGNATURE:	/Lynn Miller/
DATE SIGNED:	12/29/2020

Total Attachments: 5

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PATENT REEL: 054765 FRAME: 0436

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For good and valuable consideration, receipt of which is hereby acknowledged, we, as below-named Assignor/s, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to NXP USA, INC., having a place of business at 6501 West William Cannon Drive, Austin, TX 78735, USA, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "CIRCUIT MODULES WITH FRONT-SIDE INTERPOSER TERMINALS AND THROUGH-MODULE THERMAL DISSIPATION STRUCTURES" for which the following patent application(s) has/have been filed (we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 23125 to insert below the filing date and application number of the U.S. application when known):

Country	Application No.	Filing Date (num/dd/yyyy)	Claims Priority of
US	17/136408	12/29/2020	

- (2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and
- (3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to NXP USA, INC., for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

22 Dec 2020	Boorgews	
Date	Boon Yew Low	
Date	Fernando A. Santos	, Assigner
 Date	<u>Li Li</u>	, Assignor
 Date	Fui Yee Lim	, Assignor
 Date	Lan Chu Tan	, Assignor

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		, Assigno
Date	Boon Yew Low	-
086-23-2020	TED Sunt	, Assigno
Date	Fernando A. Santos	
		, Assigno
Date	Li Li	
		, Assigno
Date	Fui Yee Lim	
		, Assigno
Date	Lan Chu Tan	, 1 2001-2110

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Date	Boon Yew Low	
		, Assignor
Date	Fernando A. Santos	
Dec. 22, 2020	forti	, Assignor
Date	Li Li	
		, Assignor
Date	Fui Yee Lim	
		, Assignor
Date	Lan Chu Tan	

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Date	Boon Yew Low	_
		, Assignor
Date	Fernando A. Santos	
		, Assignor
Date	Li Li	
23 DEC 2020	CXCA-	, Assignor
Date	Fui Yee Lim	<u> </u>
		, Assignor
Date	Lan Chu Tan	

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Date	Fernando A. Santos	
		, Assignor
Date	Li Li	
		, Assignoi
Date	Fui Yee Lim	-
28 DECEMBER 20	\(\lambda_{\text{uut}}\).	, Assignor
Date	Lan Chu Tan	,

PATENT REEL: 054765 FRAME: 0442

RECORDED: 12/29/2020