

Title of Change:	PIM Q2 module base plate (2nd Source) supplier qualification -- Chong Hui
Effective date:	15 Aug 2023
Contact information:	Contact your local onsemi Sales Office or Way-Shan.Yong@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Assembly Change
Change Sub-Category(s):	Material Change

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
onsemi Shenzhen, China	None

Description and Purpose:

This Product Bulletin announces the qualification of an additional base plate supplier, Chong Hui, for PIM Q2 modules. The mechanical dimensions, functional requirements, and reliability performance of Chong Hui base plates meet required specifications and criteria for PIM Q2 modules and are comparable to existing suppliers.

	Before Change Description	After Change Description (Fully Pallet)
PIM Q2 baseplate suppliers for PIM Q2 modules	KOBE & SDI	KOBE & SDI & Chong Hui (ATO qualified lead frame supplier) ATO - onsemi internal assembly and test operations

List of Affected Standard Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

SNXH100M65L4Q2F2P2G	SNXH100M95L3Q2F2PG	NXH450N65L4Q2F2SG
SNXH100M65L4Q2F2P2G-N1	NXH300N95H4Q2F2SG	SNXH225B95H4Q2F2PG
SNXH225B95H3Q2F2PG-N1	NXH450N65L4Q2F2S1G	NXH350N100H4Q2F2P1G
NXH350N100H4Q2F2S1G	SNXH150B95H4Q2F2PG	NXH300B100H4Q2F2S1G
NXH300B100H4Q2F2SG	NXH450B100H4Q2F2PG	NXH160T120L2Q2F2S1G
NXH200T120H3Q2F2SG	NXH400N100H4Q2F2SG	NXH450N65L4Q2F2PG
NXH350N100H4Q2F2P1G-R	NXH350N100H4Q2F2S1G-R	NXH400N100H4Q2F2SG-R
SNXH150B95H3Q2F2PG-R	NXH800A100L4Q2F2S2G	NXH800A100L4Q2F2S1G
NXH800A100L4Q2F2P2G	NXH800A100L4Q2F2P1G	SNXH600B100H4Q2F2S1G-S
NXH600B100H4Q2F2S1G	NXH600B100H4Q2F2PG	NXH600B100H4Q2F2SG
NXH200T120H3Q2F2STG	SNXH150B120H3Q2F2PG	NXH450B100H4Q2F2PG-R
NXH300B100H4Q2F2SG-R	NXH600N65L4Q2F2SG	NXH200T120H3Q2F2STNG
NXH400N100H4Q2F2PG	SNXH225B95H3Q2F2PG-D1	SNXH150B95H3Q2F2PG-N

Appendix A: Changed Products

PCN#: PB25595X
Issue Date: Jun 29, 2023

DIKG: DIGI-KEY

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NXH350N100H4Q2F2P1G		SNXH100M95L3Q2F2PG		
NXH300B100H4Q2F2SG		SNXH100M95L3Q2F2PG		
NXH450B100H4Q2F2PG		SNXH100M95L3Q2F2PG		
NXH200T120H3Q2F2SG		SNXH100M95L3Q2F2PG		
NXH400N100H4Q2F2SG		SNXH100M95L3Q2F2PG		
NXH350N100H4Q2F2P1G-R		SNXH100M95L3Q2F2PG		
NXH350N100H4Q2F2S1G-R		SNXH100M95L3Q2F2PG		
NXH400N100H4Q2F2SG-R		SNXH100M95L3Q2F2PG		
NXH800A100L4Q2F2S2G		SNXH100M95L3Q2F2PG		
NXH350N100H4Q2F2S1G		SNXH100M95L3Q2F2PG		
NXH800A100L4Q2F2S1G		SNXH100M95L3Q2F2PG		
NXH600B100H4Q2F2SG		SNXH100M95L3Q2F2PG		
NXH450B100H4Q2F2PG-R		SNXH100M95L3Q2F2PG		
NXH300B100H4Q2F2SG-R		SNXH100M95L3Q2F2PG		
NXH600N65L4Q2F2SG		SNXH100M95L3Q2F2PG		
NXH200T120H3Q2F2STNG		SNXH100M95L3Q2F2PG		
NXH400N100H4Q2F2PG		SNXH100M95L3Q2F2PG		
NXH300B100H4Q2F2S1G		SNXH100M95L3Q2F2PG		