

Title of Change:	Qualification of ROHM SiC 20A as alternate wafer source
Effective date:	25 Jul 2022
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:	Wafer Fab Change
Change Sub-Category(s):	Material Change

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
None	ROHM Japan

Description and Purpose:

This Product Bulletin announces alternate parts using ROHM Japan SiC wafer supplier to provide additional ordering options for our customers.

PIM module production for current OPNs and new OPNs is onsemi Shenzhen, China.

Both parts can be used interchangeably, and customers can determine which OPN they want to place orders on. The product is qualified to industrial requirements.

	Existing Parts	Alternate Parts
SiC wafer	onsemi Bucheon Korea	ROHM Japan
OPN	Existing BK OPNs	New ROHM Japan OPNs

There is no product marking change to existing OPN as a result of this change. New OPNs were created for parts using ROHM Japan dice.

QV DEVICE NAME: S6304(Rohm SiC Diode 6inch)

PACKAGE: Q2x Module

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Tj=175°C, 100% max rated V	1008 hrs	0/33
H3TRB	JESD22-A101	Ta=85°C, 85%RH, 80% max rated V	1008 hrs	0/33
H3TRBx	JESD22-A101	Ta=85°C, 85%RH, 100V	1008 hrs	0/28
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/33
THU	JESD22-A101	Ta=85°C, 85%RH	1008 hrs	0/33

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**.

Existing Parts	Alternate Parts
NXH600B100H4Q2F2PG	NXH600B100H4Q2F2PG-R
NXH600B100H4Q2F2SG	NXH600B100H4Q2F2SG-R
NXH350N100H4Q2F2P1G	NXH350N100H4Q2F2P1G-R
NXH350N100H4Q2F2S1G	NXH350N100H4Q2F2S1G-R
NXH400N100H4Q2F2SG	NXH400N100H4Q2F2SG-R
SNXH200B100H4Q1SG	SNXH200B100H4Q1SG-R
NXH200B100H4F2SG	NXH200B100H4F2SG-R

Appendix A: Changed Products

PCN#: PB24853X
Issue Date: Jul 25, 2022

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NXH200B100H4F2SG		NXH350N100H4Q2F2S1G-R		
NXH400N100H4Q2F2SG		NXH350N100H4Q2F2S1G-R		