



Final Product/Process Change Notification

Document #: FPCN25019X1

Issue Date: 12 Dec 2022

Title of Change:	Update to FPCN25019X - To inform customers that the parts listed in this update notice will no longer undergo the change described in FPCN25019X.
Proposed First Ship date:	12 Dec 2022
Contact Information:	Contact your local onsemi Sales Office or Genelyn.Bolivar@onsemi.com
PCN Samples Contact:	Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
Additional Reliability Data:	Contact your local onsemi Sales Office or Aileen.Allado@onsemi.com
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com
Marking of Parts/ Traceability of Change:	Datecode
Change Category:	Assembly Change
Change Sub-Category(s):	Material Change

Sites Affected:

onsemi Sites

onsemi Cebu, Philippines

External Foundry/Subcon Sites

None

Description and Purpose:

This is an update notice to **FPCN25019X**, to inform customers those parts listed in this notification will no longer undergo the change in Die attach as described in the original FPCN25019X.

	From	To
IC Die Attach Material	QMI536NB Epoxy	QMI536NB Epoxy CRM1710DAC Epoxy

Reliability Data Summary:

QV Device: NCP3285AMNTXG

Package: SPS56

RMS: O73563

Test	Specification	Condition	Interval	Result
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/231
UHAST	JESD22-A118	130°C, 85% RH, 18.8psig	96 hrs	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, Bias	96 hrs	0/231
PC	J STD 020A, JESD22-A113	MSL=1 @ 260C Performed on surface mount devices prior to THB/HAST, AC/UHAST & TC	-	0/462



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Electrical Characteristics Summary:

Electrical characteristics are not impacted since the proposed change is only applicable to IC die which has no electrical function on die backside.

List of Affected 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**.

Part Number	Qualification Vehicle
NCP303160MNTWG	NCP3285AMNTXG
NCP303151MNTWG	NCP3285AMNTXG
NCP303150MNTWG	NCP3285AMNTXG
NCP303150DMNTWG	NCP3285AMNTXG
NCP302155AMNTWG	NCP3285AMNTXG
NCP253171MNTXG	NCP3285AMNTXG
FDMF5833-F085	NCP3285AMNTXG
FDMF5826DC	NCP3285AMNTXG
FDMF5823DC	NCP3285AMNTXG
FDMF5822DC	NCP3285AMNTXG
FDMF5821DC	NCP3285AMNTXG
FDMF5821	NCP3285AMNTXG
FDMF5820TDC	NCP3285AMNTXG
FDMF5820DC	NCP3285AMNTXG
FDMF4061	NCP3285AMNTXG
FDMF2011	NCP3285AMNTXG