



Initial Product/Process Change Notification

Document #: IPCN24873X

Issue Date: 27 Jul 2022

Title of Change:	Qualification of alternate die attach epoxy (2025DSI) for SPS Packages at onsemi Cebu, Philippines.	
Proposed First Ship date:	20 Dec 2022 or earlier if approved by customer	
Contact Information:	Contact your local onsemi Sales Office or Peter.Vo@onsemi.com	
PCN Samples Contact:	<p>Contact your local onsemi Sales Office.</p> <p>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.</p> <p>Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.</p>	
Type of Notification:	<p>This is an Initial Product/Process Change Notification (IPCN) sent to customers. An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact <PCN.Support@onsemi.com></p>	
Marking of Parts/ Traceability of Change:	Affected parts can be identified by the Traceability Code marking.	
Change Category:	Assembly Change	
Change Sub-Category(s):	Material Change	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
onsemi Cebu, Philippines	None	
Description and Purpose:		
Adding a new alternate die attach epoxy for SPS packages assembled in onsemi Cebu, Philippines site.		
	From	To
Die Attach	Ablestik QMI536NB	Ablestik QMI536NB Ablestik 2025DSI
There is no product marking change as a result of this change.		



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Qualification Plan:

QV DEVICE NAME: NCP3293MNTXG

PACKAGE: PQFN-37

Test	Specification	Condition	Interval
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
PC	J STD 020, JESD22-A113	MSL1 @ 260 °C	

Estimated date for qualification completion: **15 September 2022**

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
FDMF8811	NCP3293MNTXG
FDMF5176	NCP3293MNTXG
FDMF5175	NCP3293MNTXG
FDMF5085	NCP3293MNTXG
FDMF5076	NCP3293MNTXG
FDMF5075	NCP3293MNTXG
FDMF5071	NCP3293MNTXG
FDMF5068	NCP3293MNTXG
FDMF5062	NCP3293MNTXG
FDMF3180	NCP3293MNTXG
FDMF3172	NCP3293MNTXG
FDMF3170	NCP3293MNTXG
FDMF3160	NCP3293MNTXG

Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FDMF5062		NCP3293MNTXG	NA	
FDMF3180		NCP3293MNTXG	NA	
FDMF3170		NCP3293MNTXG	NA	