



Initial Product/Process Change Notification

Document #: IPCN24155X

Issue Date: 21 Jul 2021

Title of Change:	Qualifying additional Assembly and Test site at UTAC Thailand for FDMF5085	
Proposed First Ship date:	28 Nov 2021 or earlier if approved by customer	
Contact Information:	Contact your local ON Semiconductor Sales Office or Ravi.Savanur@onsemi.com	
PCN Samples Contact:	Contact your local ON Semiconductor Sales Office or <PCN.samples@onsemi.com> . 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.	
Type of Notification:	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>	
Marking of Parts/ Traceability of Change:	Marking will have site traceability	
Change Category:	Test Change, Assembly Change	
Change Sub-Category(s):	Manufacturing Site Addition	
Sites Affected:		
ON Semiconductor Sites	External Foundry/Subcon Sites	
None	UTAC, Thailand	
Description and Purpose:		
Adding additional Assembly and Test capacity to FDMF5085 product at UTAC Thailand.		
	Before Change Description	After Change Description
Assembly Site	ON Semiconductor Cebu	ON Semiconductor Cebu and UTAC, Thailand
There are no product material changes as a result of this change.		
	From	To
Product marking change	Plant Codes: D: ON, Cebu, Philippines	Plant Codes: D: ON, Cebu, Philippines G: UTAC, Bangkok, Thailand

**Qualification Plan:**

QV DEVICE NAME: FDMF5085

RMS: F69902 W70528

PACKAGE: PQFN39

Test	Specification	Condition	Interval
HTSL	JESD22-A103	Ta= 150°C	1008 hrs
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	

Estimated date for qualification completion: 16 August 2021

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
FDMF5085	FDMF5085