



Initial Product/Process Change Notification

Document #: IPCN24776X

Issue Date: 29 Jun 2022

Title of Change:	Qualify ASEM as additional assembly and Test site for FDMF5071 family of products	
Proposed First Ship date:	01 Feb 2023 or earlier if approved by customer	
Contact Information:	Contact your local onsemi Sales Office or Ravi.Savanur@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.	
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 information for traceability	
Change Category:	Test Change, Assembly Change	
Change Sub-Category(s):	Manufacturing Site Addition	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
None	ASEM, Malaysia	
Description and Purpose:		
This IPCN is to announce that onsemi is qualifying ASEM as an additional assembly and test site for the FDMC5071 family of products. There will be no changes to the BOM as a result of this change.		
	From	To
Assembly Site	UTL / CEBU	UTL/CEBU/ASEM
There are no product material changes as a result of this change		
There is no product marking change as a result of this change		



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Qualification Plan:

QV DEVICE NAME: FDMF5071

RMS: F82442

PACKAGE: PQFN39 CU 3DIE HPBF MCM

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	192 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	
RSH	JESD22- B106	Ta = 265C, 10 sec	
SD	JSTD002	Ta = 245C, 5 sec	

Estimated date for qualification completion: 1 November 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
FDMF5062	FDMF5071
FDMF5071	FDMF5071