



Final Product/Process Change Notification

Document #:FPCN26707XC

Issue Date:09 Jul 2026

Title of Change:	Additional Test and Assembly site for WDFN6 package at onsemi Leshan, China				
Proposed First Ship date:	16 Oct 2026 or earlier if approved by customer				
Contact Information:	Contact your local onsemi Sales Office				
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 Chaoliang.Yang@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:	Assembly site marking				
Change Category:	Assembly Change, Test Change				
Change Sub-Category(s):	Manufacturing Site Addition				
Sites Affected:					
onsemi Sites			External Foundry/Subcon Sites		
onsemi Leshan, China			None		
Description and Purpose:					
onsemi wishes to inform customers that we are expanding Assembly and Test operations for the WDFN6 package (Case outline :511CZ) to our onsemi Leshan, China facility. The detail change summary as per table below.					
		Before		After	
Assembly & Test Site		Hana Semiconductor, Thailand UTAC, Thailand		Hana Semiconductor, Thailand UTAC, Thailand onsemi Leshan, China	
		Existing sites		Additional site: onsemi Leshan, China	
Die Attach		ABLETHERM 8600		CRM1800B	
Bond Wire		2mils Cu wire		2mils Cu wire	
Mold Compound		CEL9220HF13H, G770 HM type D		G770 HM type D	
Marking(WDFN6 case outline 511CZ, HANA,UTL3,UTAC)		Z = Assembly Plant Code 2 = 2digit date code K/KK=lot run code XXX=device code		&Z&2&K XXX &Z&2&KK XXX XXX=device code M=month code XXXM	
There is no change of form, fit, and function.					



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Reliability Data Summary:

QV DEVICE NAME:FDMA86265P

RMS:S103399

PACKAGE:WDFN6

Test	Specification	Condition	Interval	Results
High Temperature Reverse Bias	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
High Temperature Gate Bias	JESD22-A108	Ta=150°C, 100% max rated Vgss	1008 hrs	0/231
High Temperature Storage Life	JESD22-A103	Ta= 150	1008 hrs	0/231
Preconditioning	J-STD-020 JESD-A113	MSL 1 @ 260 °C, Pre IOL, TC, uHAST, HAST for surface mount pkgs only	-	0/924
Intermittent Operating Life	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/231
Temperature Cycling	JESD22-A104	Ta= -65°C to +150°C	1000cyc	0/231
Highly Accelerated Stress Test	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
Unbiased Highly Accelerated Stress Test	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
Solderability	JSTD002	Ta = 245°C, 5 sec	-	0/45
Physical Dimensions	JESD22-B120		-	0/30

Electrical Characteristics Summary:

The electrical characteristics are not impacted

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**.

Current Part Number	New Part Number	Qualification Vehicle
FDMA8878	#NONE	FDMA86265P
FDMA8878-F130	#NONE	FDMA86265P
FDMA86108LZ	#NONE	FDMA86265P
FDMA7630	#NONE	FDMA86265P
FDMA291P	#NONE	FDMA86265P
FDMA910PZ	#NONE	FDMA86265P
FDMA905P	#NONE	FDMA86265P
FDMA86265P	#NONE	FDMA86265P
FDMA7672	#NONE	FDMA86265P