

Title of Change:	Supply Resiliency: Qualification of onsemi Cebu, Philippines as an Additional Turnkey Site for PQFN56W Devices
Effective date:	06 Jan 2026
Contact information:	Contact your local onsemi Sales Office
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Test Change, Assembly Change
Change Sub-Category(s):	Manufacturing Site Addition

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
onsemi Cebu, Philippines	None

Description and Purpose:

We are issuing this Product Bulletin to inform customers of an additional manufacturing site as part of our Supply Resiliency Initiatives.

To enhance our supply chain resilience and management, onsemi is pleased to announce the release of the **PQFN56 Wired Package** with an alternative assembly and test site. The original part numbers remain unchanged and active.

The new part numbers are exact copies of the original part numbers, differing only in the aspects listed in the table below. Importantly, the electrical characteristics remain unaffected. Upon implementation of this change, both qualified sites will be used to support customer demand.

This move enables dual sourcing for strategic packages currently sole-sourced and helps establish capability to strengthen supply chain flexibility and reduce risk.

If you are interested in receiving material from another source, please reach your local salesperson.

	Original Part Numbers	Additional New Part Numbers
Assembly and Test Site	GEM, China	Onsemi Cebu, Philippines
Product Marking Change	GEM marking 	Cebu marking 
Part number Change	FDMS8460	FDMS8460-NC

Reliability Data Summary:

QV DEVICE NAME: FDMS8460

RMS: F97341

PACKAGE: PQFN56

Test	Specification	Condition	Interval	Results
High Temperature Storage Life	JESD22-A103	Ta= 150°C	1008 hrs	0/231
Preconditioning	J-STD-020 JESD-A113	MSL 1 @ 260°C, Pre IOL, TC, uHAST, HAST for surface mount pkgs only		0/231
Temperature Cycling	JESD22-A104	Ta= -55°C to + 150°C	1000 cyc	0/231
Highly Accelerated Stress Test	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 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		0/15
Physical Dimensions	JESD22-B120			PASS

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
FDMS8460	FDMS8460-NC	FDMS8460