



Product Bulletin

Document #:PB26440XD

Issue Date:06 May 2026

Title of Change:	SUPPLY RESILIENCY: SOSM CPR PACKAGES DUAL SOURCE IN TARLAC (SC-88 and SC-70 Phase 1A)	
Effective date:	06 May 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:	Assembly Change, Test Change	
Change Sub-Category(s):	Manufacturing Site Addition, Material Change	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
onsemi Leshan, China	None	
onsemi Tarlac, Philippines		
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 SC-88 and SC-70 package parts with an alternative assembly and test site. The original part numbers remain unchanged and active at the current site. 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 Part Numbers
Assembly and Test Site	onsemi Leshan, China	onsemi Tarlac, Philippines
Part Number Change	Original Part Number	Original Part Number with suffix “—NC”

Qualification Results:

QV DEVICE NAME: SMUN5211DW1T1G
RMS: L101395
PACKAGE: SC-88

Test	Specification	Condition	Interval	Results
High Temperature Reverse Bias	JESD22-A108	Ta= 150 °C, 100% max rated V	1008 hrs	0/231
High Temperature Storage Life	JESD22-A103	Ta = 150	1008 hrs	0/231
Preconditioning	J-STD-020 JESD-A113	MSL 3 @ 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	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
Resistance to Solder Heat	JESD22- B106	Ta = 265°C, 10 sec Required for through hole devices only		0/30
Physical Dimensions	JESD22-B120	As per case outline		0/30

List of Affected Standard 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
BC846BDW1T1G	BC846BDW1T1G-NC	SMUN5211DW1T1G
UMC3NT1G	UMC3NT1G-NC	SMUN5211DW1T1G
UMC5NT2G	UMC5NT2G-NC	SMUN5211DW1T1G
UMC5NT1G	UMC5NT1G-NC	SMUN5211DW1T1G
NSB1706DMW5T1G	NSB1706DMW5T1G-NC	SMUN5211DW1T1G

PCN Product List Addendum for:

Customer Contact Name: Premier Farnell Dropbox

Customer Contact Email: productchangenotices@newark.com

Appendix A: Changed Products

PCN#: PB26440XD
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NWKC: PREMIER FARNELL

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
BC846BDW1T1G	2317636	SMUN5211DW1T1G		
BC846BDW1T1G	2317917	SMUN5211DW1T1G		
NSB1706DMW5T1G	2728012	SMUN5211DW1T1G		