Product Bulletin

Document #:PB26440XH
Issue Date:16 Sep 2026

Title of Change:	**SUPPLY RESILIENCY:** SOSM CPR PACKAGES DUAL SOURCE IN TARLAC (SC-70)
Effective date:	16 Sep 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):	Material Change, Manufacturing Site Addition

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-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”

Reliability Data Summary:

QV DEVICE NAME: SMUN5211DW1T1G
RMS: L101395
PACKAGE: SC-88-6

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 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	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 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
BC856BWT1G	BC856BWT1G-NC	SMUN5211DW1T1G
BC848BWT1G	BC848BWT1G-NC	SMUN5211DW1T1G
BC847CWT1G	BC847CWT1G-NC	SMUN5211DW1T1G
BC847AWT1G	BC847AWT1G-NC	SMUN5211DW1T1G
BC847BWT1G	BC847BWT1G-NC	SMUN5211DW1T1G
BC846BWT1G	BC846BWT1G-NC	SMUN5211DW1T1G
MUN5111T1G	MUN5111T1G-NC	SMUN5211DW1T1G
MUN5135T1G	MUN5135T1G-NC	SMUN5211DW1T1G
MUN5132T1G	MUN5132T1G-NC	SMUN5211DW1T1G
MUN5116T1G	MUN5116T1G-NC	SMUN5211DW1T1G
MUN5114T1G	MUN5114T1G-NC	SMUN5211DW1T1G
MUN5140T1G	MUN5140T1G-NC	SMUN5211DW1T1G
MUN5138T1G	MUN5138T1G-NC	SMUN5211DW1T1G
MUN5233T1G	MUN5233T1G-NC	SMUN5211DW1T1G

MUN5213T1G	MUN5213T1G-NC	SMUN5211DW1T1G
MUN5240T1G	MUN5240T1G-NC	SMUN5211DW1T1G
MUN5236T1G	MUN5236T1G-NC	SMUN5211DW1T1G
MUN5211T1G	MUN5211T1G-NC	SMUN5211DW1T1G
MUN5235T1G	MUN5235T1G-NC	SMUN5211DW1T1G
MUN5237T1G	MUN5237T1G-NC	SMUN5211DW1T1G
MMBTA06WT1G	MMBTA06WT1G-NC	SMUN5211DW1T1G
MMBT2222AWT1G	MMBT2222AWT1G-NC	SMUN5211DW1T1G
BC817-40WT1G	BC817-40WT1G-NC	SMUN5211DW1T1G

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PCN Product List Addendum for:

Customer Contact Name: Drop box EBV Elektronik

Customer Contact Email: pcn@ebv.com

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Appendix A: Changed Products

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EBVC: EBV ELEKTRONIK

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
BC856BWT1G		SMUN5211DW1T1G		
BC848BWT1G		SMUN5211DW1T1G		
BC847CWT1G		SMUN5211DW1T1G		
BC847AWT1G		SMUN5211DW1T1G		
BC847BWT1G		SMUN5211DW1T1G		
BC846BWT1G		SMUN5211DW1T1G		
MUN5111T1G		SMUN5211DW1T1G		
MUN5135T1G		SMUN5211DW1T1G		
MUN5132T1G		SMUN5211DW1T1G		
MUN5114T1G		SMUN5211DW1T1G		
MUN5233T1G		SMUN5211DW1T1G		
MUN5213T1G	JMUN5213T1G	SMUN5211DW1T1G		
MUN5211T1G		SMUN5211DW1T1G		
MUN5237T1G		SMUN5211DW1T1G		
MUN5236T1G		SMUN5211DW1T1G		
MUN5235T1G		SMUN5211DW1T1G		
MMBTA06WT1G		SMUN5211DW1T1G		
BC817-40WT1G		SMUN5211DW1T1G		
MMBT2222AWT1G		SMUN5211DW1T1G		