

Title of Change:	SUPPLY RESILIENCY: SOSM CPR PACKAGES DUAL SOURCE IN TARLAC (SOT-23)	
Effective date:	16 Jul 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	
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 SOT-23 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 Lesha, China	onsemi Tarlac, Philippines
Part Number Change	Original Part Number	Original Part Number with suffix “—NC”

Qualification Results:

QV DEVICE NAME: SBAS21LT1G

RMS: 109960

PACKAGE: SOT-23

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°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		0/924
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
Solderability	JSTD002	Ta = 245°C, 5 sec		0/45
Physical Dimensions	JESD22-B120			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
SBAS116LT1G	SBAS116LT1G-NC	SBAS21LT1G
SZNU1301ML3T1G	SZNU1301ML3T1G-NC	SBAS21LT1G
SBAV199LT3G	SBAV199LT3G-NC	SBAS21LT1G
SBAV199LT1G	SBAV199LT1G-NC	SBAS21LT1G
NSVD070ALT1G	NSVD070ALT1G-NC	SBAS21LT1G
SBAW56LT3G	SBAW56LT3G-NC	SBAS21LT1G
SBAW56LT1G	SBAW56LT1G-NC	SBAS21LT1G
SBAV70LT1G	SBAV70LT1G-NC	SBAS21LT1G
SBAV70LT3G	SBAV70LT3G-NC	SBAS21LT1G
SBAV99LT1G	SBAV99LT1G-NC	SBAS21LT1G
SBAV99LT3G	SBAV99LT3G-NC	SBAS21LT1G
SMMBD7000LT1G	SMMBD7000LT1G-NC	SBAS21LT1G
SMBD1122LT1G	SMBD1122LT1G-NC	SBAS21LT1G
SBAS21LT3G	SBAS21LT3G-NC	SBAS21LT1G