

Title of Change:	SUPPLY RESILIENCY: SOSM CPR PACKAGES DUAL SOURCE IN TARLAC (SOT-23)	
Effective date:	17 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 Leshan, China	onsemi Tarlac, Philippines
Part Number Change	Original Part Number	Original Part Number with suffix “—NC”

Qualification Results:

QV DEVICE NAME: SBAS21LT1G

RMS: L109960

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 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
BAS21SLT1G	#NONE	SBAS21LT1G
MMBD1401ALT1G	NONE	SBAS21LT1G
BAS20LT3G	NONE	SBAS21LT1G
MMBD914LT3G	NONE	SBAS21LT1G
MMBD7000LT1G	NONE	SBAS21LT1G
MMBD2837LT1G	NONE	SBAS21LT1G
MMBD2838LT1G	NONE	SBAS21LT1G
BAV199LT1G	NONE	SBAS21LT1G
BAL99LT1G	NONE	SBAS21LT1G
MMBD6050LT1G	NONE	SBAS21LT1G
BAS116LT1G	NONE	SBAS21LT1G
BAV99LT1G	NONE	SBAS21LT1G
BAS31	NONE	SBAS21LT1G
BAV23S	NONE	SBAS21LT1G
MMBD1404	NONE	SBAS21LT1G
MMBD1501A	NONE	SBAS21LT1G

MMBD1205	NONE	SBAS21LT1G
MMBD1201	NONE	SBAS21LT1G
MMBD4148CA	NONE	SBAS21LT1G
MMBD1403ALT1G	NONE	SBAS21LT1G
BAS21LT3G	NONE	SBAS21LT1G
BAS19LT1G	NONE	SBAS21LT1G
MMBD914LT1G	NONE	SBAS21LT1G
BAS16LT3G	NONE	SBAS21LT1G
MMBD2835LT1G	NONE	SBAS21LT1G
BAV70LT1G	NONE	SBAS21LT1G
BAS21LT1G	NONE	SBAS21LT1G
BAS20LT1G	NONE	SBAS21LT1G
BAS19LT3G	NONE	SBAS21LT1G
MMBD7000LT3G	NONE	SBAS21LT1G
BAS16LT1G	NONE	SBAS21LT1G
BAV74LT1G	NONE	SBAS21LT1G
BAV70LT3G	NONE	SBAS21LT1G
NSD070ALT1G	NONE	SBAS21LT1G
BAW56LT1G	NONE	SBAS21LT1G
MMBD6100LT1G	NONE	SBAS21LT1G
MMBD2836LT1G	NONE	SBAS21LT1G
BAV99LT3G	NONE	SBAS21LT1G
BAS31-D87Z	NONE	SBAS21LT1G
MMBD1401	NONE	SBAS21LT1G
MMBD1404A	NONE	SBAS21LT1G
MMBD1503A	NONE	SBAS21LT1G
MMBD1204	NONE	SBAS21LT1G
MMBD4148SE	NONE	SBAS21LT1G
NUP1301ML3T1G	NONE	SBAS21LT1G
BAW56LT3G	NONE	SBAS21LT1G
MMBD6050LT3G	NONE	SBAS21LT1G
BAV23CLT1G	NONE	SBAS21LT1G
BAS29	NONE	SBAS21LT1G
BAS35	NONE	SBAS21LT1G
MMBD1403	NONE	SBAS21LT1G
MMBD1405	NONE	SBAS21LT1G
MMBD1504A	NONE	SBAS21LT1G

MMBD1203	NONE	SBAS21LT1G
MMBD4148CC	NONE	SBAS21LT1G