



Title of Change:	Henkel Green Compound Qualification for SOD123, SOT553,SOT563,SOT143 and SC59 package.	
Proposed Changed Material First Ship Date:	04 Jul 2021 or earlier if approved by customer	
Current Material Last Order Date:	11 Nov 2020 <i>Orders received after the Current Material Last Order Date expiration are to be considered as orders for new changed material as described in this PCN. Orders for current (unchanged) material after this date will be per mutual agreement and current material inventory availability.</i>	
Current Material Last Delivery Date:	03 Jul 2021 <i>The Current Material Last Delivery Date may be subject to change based on build and depletion of the current (unchanged) material inventory</i>	
Product Category:	Active components – Discrete components	
Contact information:	Contact your local ON Semiconductor Sales Office or Alex.Zhang@onsemi.com	
PCN Samples Contact:	Contact your local ON Semiconductor Sales Office to place sample order or PCN.samples@onsemi.com Sample requests are to be submitted no later than 45 days after publication of this change notification. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.	
Sample Availability Date:	26 Jun 2020	
PPAP Availability Date:	31 Jul 2020	
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or ffvf9f@onsemi.com	
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 12 months prior to implementation of the change or earlier upon customer approval. ON Semiconductor will consider this proposed change and it's conditions acceptable, unless an inquiry is made in writing within 45 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com.	
Change Category		
Category	Type of Change	
Process - Assembly	Change of mold compound	
Description and Purpose:		
Change mold compound material from Hitachi GE200F to Henkel GR640 HV.		
	Before Change Description	After Change Description
Mold Compound	Hitachi GE200F	Henkel GR640 HV
There is no product marking change as a result of this change.		



Reason / Motivation for Change:	Process/Materials Change			
Anticipated impact on fit, form, function, reliability, product safety or manufacturability:	The device has been qualified and validated based on the same Product Specification. The device has successfully passed the qualification tests. Potential impacts can be identified, but due to testing performed by ON Semiconductor in relation to the PCN, associated risks are verified and excluded. No anticipated impacts.			
Sites Affected:				
ON Semiconductor Sites		External Foundry/Subcon Sites		
Leshan Phoenix Semiconductor, China		None		
Marking of Parts/ Traceability of Change:	Trace by date code			
Reliability Data Summary:				
QV DEVICE NAME: SMBT2000T1G				
RMS : 39349 & 43095 & 60681				
PACKAGE : SC74				
Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
HTSL	JESD22-A103	Ta=150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30



QV DEVICE NAME: SMMBTA42LT1G

RMS : 41152 & 58272

PACKAGE : SOT23

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
HTSL	JESD22-A103	Ta=150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

QV DEVICE NAME: SZMMBZ47VALT1G

RMS : 41154 & 54673

PACKAGE : SOT23

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
HTSL	JESD22-A103	Ta=150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30



QV DEVICE NAME: SZMMBZ5270BLT1G

RMS : 39351 & 43097 & 54669

PACKAGE : SOT23

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
SSOP	MILSTD750-1 method M1038B	Tj= max, V=100% rated IZ max	2016 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

QV DEVICE NAME: NRVB0540T1G

RMS : 60681

PACKAGE : SOD123

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	110°C, 85% RH, 3psig, bias	528 hrs	0/231
uHAST	JESD22-A118	110°C, 85% RH, 3psig, unbiased	264 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30



QV DEVICE NAME: SNST3904DXV6T5G

RMS : 64763

PACKAGE : SOT563

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	110°C, 85% RH, 3psig, bias	528 hrs	0/231
uHAST	JESD22-A118	110°C, 85% RH, 3psig, unbiased	264 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

NOTE: AEC-1pager is attached.*To view attachments:*

1. Download pdf copy of the PCN to your computer
2. Open the downloaded pdf copy of the PCN
3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field
4. Then click on the attached file/s

Electrical Characteristics Summary:

Electrical characteristics are not impacted.

**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
SMSZ1600-31T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SMSZ1600-35T3DSG	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ18ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33ET3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ47T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
NSVBC143TPDXV6T1G	N/A	SNST3904DXV6T5G
NSVMUN2132T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMUN2236T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
S1MMSD4148T1G	N/A	NRVB0540T1G + SMMBTA42LT1G
SZMMSZ4690ET3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4690T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4690T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4691T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5232ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5237ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5254BT3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5300T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZNUP4060AXV6T1G	N/A	SNST3904DXV6T5G + SZMMBZ5270BLT1G
SZDQA5V6AXV5T1G	N/A	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NSVBA114EDXV6T1G	N/A	SNST3904DXV6T5G
NSVBAV70DXV6T5G	N/A	SNST3904DXV6T5G
NSVEMT1DXV6T1G	N/A	SNST3904DXV6T5G
NSVEMT1DXV6T5G	N/A	SNST3904DXV6T5G
NSVEMD4DXV6T5G	N/A	SNST3904DXV6T5G
SZQA6V8XV5T1G	N/A	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NSV12100XV6T1G	N/A	SNST3904DXV6T5G
NSVB143ZPDXV6T1G	N/A	SNST3904DXV6T5G
NSVBA114YDXV6T1G	N/A	SNST3904DXV6T5G
NSVBC114EDXV6T1G	N/A	SNST3904DXV6T5G



NSVBC114EPDXV6T1G	N/A	SNST3904DXV6T5G
NSVBC114YDXV6T1G	N/A	SNST3904DXV6T5G
NSVBC124EDXV6T1G	N/A	SNST3904DXV6T5G
NSVEMC2DXV5T1G	N/A	SNST3904DXV6T5G
NSVEMX1DXV6T1G	N/A	SNST3904DXV6T5G
NSVR0320XV6T1G	N/A	SNST3904DXV6T5G
NSVT30010MXV6T1G	N/A	SNST3904DXV6T5G
NSVT3904DXV6T1G	N/A	SNST3904DXV6T5G
NSVT3906DXV6T1G	N/A	SNST3904DXV6T5G
NSVT3946DXV6T1G	N/A	SNST3904DXV6T5G
SBC847BPDV6T1G	N/A	SNST3904DXV6T5G
SBC847CDV6T1G	N/A	SNST3904DXV6T5G
SNST3904DXV6T5G	N/A	SNST3904DXV6T5G
SZMMSZ10T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ10T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ11T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ12T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ12T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ13ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ13T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ15ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ15T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ16T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ18T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ20T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ22T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ24T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ24T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ27ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ27T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ27T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ30T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ36T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G



SZMMSZ39T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ43T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4697T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4699T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4700T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4701T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4702T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4703T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4704T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4704T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4705T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4707T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4708T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4709T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4711T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4713T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4715T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4717T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5240BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5241BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5242BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5242BT3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5244BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5245BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5245ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5246BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5246ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5247BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5248ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5251BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5251ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5252BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5252ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5252ET3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5253BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G



SZMMSZ5253ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5254BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5255BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5256BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5256ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5257BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5257ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5258BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5258BT3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5258CT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5258ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5259BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5260BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5261BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5261BT3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5262BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5263BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5264BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5265BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5266BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5267BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5268BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5270BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5272BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5272BT3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ56T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
NSV45015WT1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSV45020AT1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSV45020T1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSV45025AT1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSV45025T1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSV45030AT1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSV45030T1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSV50010YT1G	N/A	NRVB0540T1G + SMMBTA42LT1G
NSVBA143ZDXV6T1G	N/A	SNST3904DXV6T5G



NSVBC114YPD XV6T1G	N/A	SNST3904DXV6T5G
NSVBC123JPD XV6T1G	N/A	SNST3904DXV6T5G
NSVBC124EPD XV6T1G	N/A	SNST3904DXV6T5G
NSVBC124XD XV6T1G	N/A	SNST3904DXV6T5G
NSVBC124XPD XV6T1G	N/A	SNST3904DXV6T5G
NSVBC143ZD XV6T1G	N/A	SNST3904DXV6T5G
NSVBC143ZPD XV6T1G	N/A	SNST3904DXV6T5G
NSVBC143ZPD XV6T5G	N/A	SNST3904DXV6T5G
NSVBC144EPD XV6T1G	N/A	SNST3904DXV6T5G
NSVM1MA152WAT1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVM1MA152WKT1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMSA1162GT1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMSB92T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMSD601-RT1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMUN2112T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMUN2212T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMUN2233T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMUN2237T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SBAT54T1G	N/A	NRVB0540T1G + SMMBTA42LT1G
SM1MA151WKT1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMSD1002T1G	N/A	NRVB0540T1G + SMMBTA42LT1G
SMSD602-RT1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2111T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2111T3G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2113T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2114T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2211T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2211T3G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2212T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2213T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2214T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2214T3G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2216T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2230T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMUN2232T1G	N/A	SMBT2000T1G + SMMBTA42LT1G



SMUN2240T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
SMSZ4688ST1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ2V4T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ2V7ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ2V7T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ3V0T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ3V3T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ3V6T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ3V9T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4678T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4679T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4680ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4680T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4681T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4682T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4683T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4684T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4685T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4686T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4687T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4688T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4688T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4689ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4689T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4689T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4690ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4692T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4693T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4693T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4694T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4694T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4696T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4V3T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4V7T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5221BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G



SZMMSZ5222BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ5225BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5226BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5227BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5228BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5229BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5230BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5231BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5232BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ5234BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5235BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5235ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5236BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5237BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5238BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5239BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5V1T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5V6T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ6V2T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ7V5T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ8V2ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ8V2T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ9V1T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G

Japanese translation of the notification starts here.
通知の日本語訳はここから始まります。

Note: *The Japanese version is for reference only. In case of any differences between the English and Japanese version, the English version shall control.*

注：日本語版は参照用です。英語版と日本語版の違いがある場合は、英語版が優先されます。



最終製品 / プロセス変更通知

文書番号# : FPCN23066Z

発行日: 03 Jul 2020

変更件名:	SOD123、SOT553、SOT563、SOT143、SC59 パッケージのヘンケルグリーン化合物認定。	
初回出荷予定日:	04 Jul 2021 またはお客様からの承認が得られた場合はそれ以前	
現在の材料の最終注文日:	11 Nov 2020 既存品の最終注文日以降の注文は、この PCN に記載されている変更後品の注文とみなされます。この日付より後の既存品(変更前品)の注文は、相互契約により変更前品の在庫状況に応じて履行されます。	
現在の材料の最終出荷日:	03 Jul 2021 既存品(変更前品)の最終出荷日は、変更前品の製造および在庫の状況によって変更されることがあります。	
製品カテゴリ:	アクティブなコンポーネント - 個別コンポーネント	
連絡先情報:	現地のオン・セミコンダクター営業所または Alex.Zhang@onsemi.com にお問い合わせください。	
サンプル:	サンプルの注文または PCN.samples@onsemi.com を注文するには、お近くの ON Semiconductor 営業所にお問い合わせください。 サンプルのリクエストは、この変更通知の公開後 45 日以内に提出してください。 サンプルの納品時期は、リクエスト日、サンプル数量、特別なお客様の梱包/ラベルの要件に従います。	
サンプル提供開始可能日:	26 Jun 2020	
PPAP 提供開始日:	31 Jul 2020	
追加の信頼性データ:	お客さまの地域のオン・セミコンダクター営業所または ffvf9f@onsemi.com にお問い合わせください。	
通知種別:	これは、お客様宛の最終製品 / プロセス変更通知 (FPCN) です。 FPCN は、変更実施の 12 か月前、またはお客様からの承認が得られた場合はそれ以前に発行されることがあります。 オン・セミコンダクターは、この通知の送付から 45 日以内に書面による問い合わせが行われたい限り、この変更希望およびその条件が受諾されたものとみなします。お問い合わせは、 PCN.Support@onsemi.com をお願いします。	
変更カテゴリ:	変更種別	
プロセス - 組立	モールドコンパウンドの変更	
説明および目的:		
	変更前の表記	変更後の表記
モールド・コンパウンド	Hitachi GE200F	Henkel GR640 HV
この変更による製品マーキングの変更はありません。		
変更の理由 / 動機:	プロセス/材料変更	
適合性、形状、機能、信頼性、製品安全性、または製造可能性に関して見込まれる影響	デバイスは同じ製品仕様に基づいて認定および検証されています。デバイスは認定試験に正常に合格しています。潜在的な影響が確認される可能性があります。オン・セミコンダクターが PCN に関して実施する検査により、関連するリスクは検証および排除されます。 予想される影響はありません。	



影響を受ける拠点:

オン・セミコンダクター拠点:

Leshan Phoenix Semiconductor, China

外部製造工場 / 下請業者拠点:

無し

部品の表示 / 変更の追跡可能性:

日付コードでトレース

信頼性データの要約:

デバイス名: SMBT2000T1GRMS : 39349 & 43095 & 60681パッケージ: SC74

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
HTSL	JESD22-A103	Ta=150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

デバイス名: SMMBTA42LT1GRMS : 41152 & 58272パッケージ: SOT23

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
HTSL	JESD22-A103	Ta=150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

デバイス名: SZMMBZ47VALT1GRMS : 41154 & 54673パッケージ: SOT23

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
HTSL	JESD22-A103	Ta=150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

デバイス名: SZMMBZ5270BLT1GRMS : 39351 & 43097 & 54669パッケージ: SOT23

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
SSOP	MILSTD750-1 method M1038B	Tj= max, V=100% rated IZ max	2016 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

デバイス名: NRVB0540T1GRMS : 60681パッケージ: SOD123

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	110°C, 85% RH, 3psig, bias	528 hrs	0/231
uHAST	JESD22-A118	110°C, 85% RH, 3psig, unbiased	264 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

デバイス名 : SNST3904DXV6T5GRMS : 64763パッケージ : SOT563

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	2016 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30K cyc	0/231
TC	JESD22-A104	Ta= -55°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	110°C, 85% RH, 3psig, bias	528 hrs	0/231
uHAST	JESD22-A118	110°C, 85% RH, 3psig, unbiased	264 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	-	-
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/30
SD	JSTD002	Ta = 245C, 5 sec	-	0/30

NOTE: AEC-1pager is attached.

添付文書を見るには:

1. ご使用のコンピューターにPDF 版のPCN をダウンロードします。
2. ダウンロードしたPDF 版のPCN を開きます。
3. 添付欄を見るには、画面左 / 下部分のメニュー上にあるクリップ アイコンをクリックしてください。
4. 添付ファイルをクリックします

**電気的特性の要約:**

電気的特性への影響はありません。

影響を受ける部品の一覧:

注: 標準の部品番号(既製品)のみが部品一覧に記載されます。本 PCN に影響を受けるカスタム 部品は、PCN メールの顧客の特定の PCN の付属文書、または PCN カスタマイズポータルに記載されています。

現在の部品番号	新部品番号	認定試験用ピークル
SMSZ1600-31T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SMSZ1600-35T3DSG	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ18ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33ET3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ47T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
NSVBC143TPDXV6T1G	N/A	SNST3904DXV6T5G
NSVMUN2132T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
NSVMUN2236T1G	N/A	SMBT2000T1G + SMMBTA42LT1G
S1MMSD4148T1G	N/A	NRVB0540T1G + SMMBTA42LT1G
SZMMSZ4690ET3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4690T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4690T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4691T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5232ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5237ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5254BT3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ5300T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZNUP4060AXV6T1G	N/A	SNST3904DXV6T5G + SZMMBZ5270BLT1G
SZNZQA5V6AXV5T1G	N/A	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NSVBA114EDXV6T1G	N/A	SNST3904DXV6T5G



NSVBAV70DXV6T5G	N/A	SNST3904DXV6T5G
NSVEMT1DXV6T1G	N/A	SNST3904DXV6T5G
NSVEMT1DXV6T5G	N/A	SNST3904DXV6T5G
NSVEMD4DXV6T5G	N/A	SNST3904DXV6T5G
SZQA6V8XV5T1G	N/A	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NSV12100XV6T1G	N/A	SNST3904DXV6T5G
NSVB143ZPDV6T1G	N/A	SNST3904DXV6T5G
NSVBA114YDXV6T1G	N/A	SNST3904DXV6T5G
NSVBC114EDXV6T1G	N/A	SNST3904DXV6T5G
NSVBC114EPDXV6T1G	N/A	SNST3904DXV6T5G
NSVBC114YDXV6T1G	N/A	SNST3904DXV6T5G
NSVBC124EDXV6T1G	N/A	SNST3904DXV6T5G
NSVEMC2DXV5T1G	N/A	SNST3904DXV6T5G
NSVEMX1DXV6T1G	N/A	SNST3904DXV6T5G
NSVR0320XV6T1G	N/A	SNST3904DXV6T5G
NSVT30010MXV6T1G	N/A	SNST3904DXV6T5G
NSVT3904DXV6T1G	N/A	SNST3904DXV6T5G
NSVT3906DXV6T1G	N/A	SNST3904DXV6T5G
NSVT3946DXV6T1G	N/A	SNST3904DXV6T5G
SBC847BPDV6T1G	N/A	SNST3904DXV6T5G
SBC847CDV6T1G	N/A	SNST3904DXV6T5G
SNST3904DXV6T5G	N/A	SNST3904DXV6T5G
SZMMSZ10T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ10T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ11T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ12T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ12T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G



SZMMSZ13ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ13T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ15ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ15T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ16T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ18T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ20T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ22T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ24T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ27ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ27T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ27T3G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ30T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33ET1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ33T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ36T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ39T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ43T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4697T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4699T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4700T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ4702T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4703T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4704T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ4705T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ4708T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ4711T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
SZMMSZ4713T1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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SZMMSZ5251BT1G	N/A	NRVB0540T1G + SZMMBZ47VALT1G
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NSV45020AT1G	N/A	NRVB0540T1G + SMMBTA42LT1G
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