



Final Product/Process Change Notification

Document #:FPCN23066X

Issue Date:24 Apr 2020

Title of Change:	Henkel Green Compound 2nd source Qualification for SOD123, SOT553, SOT563, SOT143 and SC59 package.	
Proposed First Ship date:	31 Jul 2020 or earlier if approved by customer	
Contact Information:	Contact your local ON Semiconductor Sales Office or Alex.Zhang@onsemi.com	
PCN Samples Contact:	Contact your local ON Semiconductor Sales Office or PCN.samples@onsemi.com Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.	
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 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com	
Marking of Parts/ Traceability of Change:	No update marking of parts and traceability of date code.	
Change Category:	Assembly Change	
Change Sub-Category(s):	Material Change	
Sites Affected:		
ON Semiconductor Sites	External Foundry/Subcon Sites	
Leshan Phoenix Semiconductor, China	None	
Description and Purpose:		
	Before Change Description	After Change Description
Mold Compound	Hitachi GE200F	Hitachi GE200F Henkel GR640 HV
There is no product marking change as a result of this change.		



Reliability Data Summary:

QV DEVICE NAME: SMBT2000T1GRMS : 39349 & 43095PACKAGE : 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= -65°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:SMMBTA42LT1GRMS : 41152PACKAGE : 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= -65°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: SZMMBZ47VALT1GRMS : 41154PACKAGE : 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= -65°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: SZMMBZ5270BLT1GRMS : 39351 & 43097PACKAGE : SOT23

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016 hrs	0/231
SSOP	MILSTD750-1 methodM1038B	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= -65°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	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= -65°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: **BVSS123LT1G**RMS : **39350**PACKAGE : **SOT23**

Test	Specification	Condition	Interval	Result
PC	JESD22-A113	MSL 1 @ 260 °C	Before TC, UHAST, HAST, IOL	-
UHAST	JESD22-A118	Ta=130C, 85% RH, no bias, 96 hrs	96 hrs	0/231
TC	JESD22-A104	Ta= - 65°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	130C/85%RH, 80% rated V or 42V max, 192 hours.	192 hrs	0/231
IOL	MIL-STD-750	Ta=+25°C, delta Tj=100°C, On/off = 2 min	30000 cyc	0/231
HTRB	JESD22- A108	Tj= max, V=100% rated V, 1008 Hrs	2016 hrs	0/231
HTGB	JESD22- A108	Ta= max, Vgs=100%, 2016 Hrs	2016 hrs	0/231
HTSL	JESD22- A103	Temp.=150°C,no bias,2016hours	2016 hrs	0/231
RSH	JESD22- B106	Ta = 265C, 10 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= -65°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

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**.

Part Number	Qualification Vehicle
NSBA123JDXV6T5G	SNST3904DXV6T5G
NSBC123JPDXV6T5G	SNST3904DXV6T5G
NSBC124EPDXV6T5G	SNST3904DXV6T5G
MUN2133T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2137T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2138T1G	SMBT2000T1G + SMMBTA42LT1G
NSBA113EDXV6T1G	SNST3904DXV6T5G
NSBA114TDXV6T1G	SNST3904DXV6T5G
NSBA114TDXV6T5G	SNST3904DXV6T5G
MUN2140T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2231T1G	SMBT2000T1G + SMMBTA42LT1G



MUN2235T1G	SMBT2000T1G + SMMBTA42LT1G
NSBA143EDXV6T1G	SNST3904DXV6T5G
NSBA143TDXV6T1G	SNST3904DXV6T5G
NSBA143TDXV6T5G	SNST3904DXV6T5G
NSBA144WDXV6T1G	SNST3904DXV6T5G
STZD5110NT1G	SNST3904DXV6T5G + BVSS123LT1G
EMC3DXV5T5G	SNST3904DXV6T5G
EMD5DXV6T5G	SNST3904DXV6T5G
EMF5XV6T5G	SNST3904DXV6T5G
NSDEMP11XV6T5G	SNST3904DXV6T5G
NSTB1002DXV5T1G	SNST3904DXV6T5G
NSBA124EDXV6T1G	SNST3904DXV6T5G
NSBC123JDXV6T5G	SNST3904DXV6T5G
NSBC143TDXV6T1G	SNST3904DXV6T5G
NTZD3155CT2H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3155CT5H	SNST3904DXV6T5G + BVSS123LT1G
SNUF2042XV6T1G	SNST3904DXV6T5G + BVSS123LT1G
MMSZ5255ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5258ET1G	NRVB0540T1G + SZMMBZ47VALT1G
NTZD3154NT2H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3154NT5H	SNST3904DXV6T5G + BVSS123LT1G
MMSZ5223BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5225BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5226BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5226CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5227BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5228BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5229BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5230BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5235BT1H	NRVB0540T1G + SZMMBZ47VALT1G
NUP8020X6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
BC858CDXV6T1G	SNST3904DXV6T5G
EMT1DXV6T1G	SNST3904DXV6T5G
EMT1DXV6T5G	SNST3904DXV6T5G



EMX1DXV6T1G	SNST3904DXV6T5G
EMX1DXV6T5G	SNST3904DXV6T5G
EMX2DXV6T5G	SNST3904DXV6T5G
NSBA115EDXV6T1G	SNST3904DXV6T5G
NSBC114EPDXV6T1G	SNST3904DXV6T5G
NSBC114EPDXV6T5G	SNST3904DXV6T5G
NSBC114TDXV6T1G	SNST3904DXV6T5G
NSBC114TDXV6T5G	SNST3904DXV6T5G
NSBC114YPDXV6T1G	SNST3904DXV6T5G
NSBC114YPDXV6T5G	SNST3904DXV6T5G
NSBC123JPDXV6T1G	SNST3904DXV6T5G
NSBC124EPDXV6T1G	SNST3904DXV6T5G
NSBC143TPDXV6T1G	SNST3904DXV6T5G
NSBC143ZPDXV6T1G	SNST3904DXV6T5G
NSBC144EPDXV6T1G	SNST3904DXV6T5G
NSBC144EPDXV6T5G	SNST3904DXV6T5G
NST30010MXV6T1G	SNST3904DXV6T5G
MSC2712GT1G	SMBT2000T1G + SMMBTA42LT1G
MUN2115T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2116T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2130T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2131T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2132T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2134T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2135T1G	SMBT2000T1G + SMMBTA42LT1G
MBR0520LT1G	NRVB0540T1G
MUN2136T1G	SMBT2000T1G + SMMBTA42LT1G
MBR0540T1G	NRVB0540T1G
MUN2141T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2215T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2237T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2238T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2240T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2241T1G	SMBT2000T1G + SMMBTA42LT1G



NSBA123EDXV6T1G	SNST3904DXV6T5G
NSBA124XDXV6T1G	SNST3904DXV6T5G
NSBA143ZDXV6T1G	SNST3904DXV6T5G
NSBC113EPDXV6T1G	SNST3904DXV6T5G
NSBC114TPDXV6T1G	SNST3904DXV6T5G
NSBC123EDXV6T1G	SNST3904DXV6T5G
NSBC123EPDXV6T1G	SNST3904DXV6T5G
NSBC143EPDXV6T1G	SNST3904DXV6T5G
NSBC144WDXV6T1G	SNST3904DXV6T5G
BAS16DXV6T1G	SNST3904DXV6T5G
BAV70DXV6T5G	SNST3904DXV6T5G
BC847BPDV6T1G	SNST3904DXV6T5G
BC847CDV6T1G	SNST3904DXV6T5G
BC847CDV6T1H	SNST3904DXV6T5G
EMC2DXV5T1G	SNST3904DXV6T5G
EMC3DXV5T1G	SNST3904DXV6T5G
EMC4DXV5T1G	SNST3904DXV6T5G
EMC5DXV5T1G	SNST3904DXV6T5G
EMD4DXV6T1G	SNST3904DXV6T5G
EMD4DXV6T5G	SNST3904DXV6T5G
NUF2042XV6T1G	SNST3904DXV6T5G + BVSS123LT1G
NUF2230XV6T1G	SNST3904DXV6T5G + BVSS123LT1G
NUP2114UPXV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP4102XV6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP4114UPXV6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP5120X6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP5120X6T2G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA5V6XV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA6V2XV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA6V8XV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
EMF18XV6T5G	SNST3904DXV6T5G
EMG2DXV5T5G	SNST3904DXV6T5G
NSBA114EDXV6T1G	SNST3904DXV6T5G
NSBA114YDXV6T1G	SNST3904DXV6T5G



NSBA144EDXV6T5G	SNST3904DXV6T5G
NSBC114EDXV6T1G	SNST3904DXV6T5G
NSBC114EDXV6T5G	SNST3904DXV6T5G
NSBC114YDXV6T1G	SNST3904DXV6T5G
NSBC114YDXV6T5G	SNST3904DXV6T5G
NSBC115EDXV6T1G	SNST3904DXV6T5G
NSBC124EDXV6T1G	SNST3904DXV6T5G
NSBC124EDXV6T5G	SNST3904DXV6T5G
NSBC143ZDXV6T1G	SNST3904DXV6T5G
NSBC144EDXV6T1G	SNST3904DXV6T5G
NSBC144EDXV6T5G	SNST3904DXV6T5G
NSDEMP11XV6T1G	SNST3904DXV6T5G
NSR0320XV6T1G	SNST3904DXV6T5G
NSR0320XV6T5G	SNST3904DXV6T5G
NSS12100XV6T1G	SNST3904DXV6T5G
NST3904DXV6T1G	SNST3904DXV6T5G
NST3904DXV6T5G	SNST3904DXV6T5G
NST3906DXV6T1G	SNST3904DXV6T5G
NST3946DXV6T1G	SNST3904DXV6T5G
NST3946DXV6T5G	SNST3904DXV6T5G
NSTB1005DXV5T1G	SNST3904DXV6T5G
NSBA144EDXV6T1G	SNST3904DXV6T5G
NSBC113EDXV6T1G	SNST3904DXV6T5G
NSBC123JDXV6T1G	SNST3904DXV6T5G
NSBC124XDXV6T1G	SNST3904DXV6T5G
NSBC124XPDXV6T1G	SNST3904DXV6T5G
NSBC143EDXV6T1G	SNST3904DXV6T5G
NSBC143TDXV6T5G	SNST3904DXV6T5G
NSBC143ZDXV6T5G	SNST3904DXV6T5G
NTZD3152PT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3152PT1H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3154NT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3154NT1H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3154NT5G	SNST3904DXV6T5G + BVSS123LT1G



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NTZD3155CT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3155CT1H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3155CT2G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3158PT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZD5110NT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZS3151PT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZS3151PT1H	SNST3904DXV6T5G + BVSS123LT1G
STZD3155CT1G	SNST3904DXV6T5G + BVSS123LT1G
NUP4060AXV6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA5V6AXV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA6V8AXV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
MBR0520LT3G	NRVB0540T1G
MBR0530T1G	NRVB0540T1G
MBR0530T3G	NRVB0540T1G
MBR0540T3G	NRVB0540T1G
MBR130T1G	NRVB0540T1G
MBR130T3G	NRVB0540T1G
MMSZ10T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ11T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ12T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ13T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ15T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ16T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ18ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ18T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ18T1H	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ18T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ20T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ22T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ24T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ27T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ27T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ30T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ33T1G	NRVB0540T1G + SZMMBZ47VALT1G



MMSZ36T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ39T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ43T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4697T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4698T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4699T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4700T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4701T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4702T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4703T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4704T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4705T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4706T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4707T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4708T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4709T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4710T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4711T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4713T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4714T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4715T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4717T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ47T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ47T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ51T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5240BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5240BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5241BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5242BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5242BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5242ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5243BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5244BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5244ET1G	NRVB0540T1G + SZMMBZ47VALT1G



Final Product/Process Change Notification

Document #:FPCN23066X

Issue Date:24 Apr 2020

MMSZ5245BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5245CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5245ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5246BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5246ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5247BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5247BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5248BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5248BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5248CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5249BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5250BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5250CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5251BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5252BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5252ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5253BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5254BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5254ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5255BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5256BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5256ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5257BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5257ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5258BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5258BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5258CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5259BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5260BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5261BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5262BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5263BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5264BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5265BT1G	NRVB0540T1G + SZMMBZ47VALT1G



MMSZ5266BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5267BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5268BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5270BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ56T1G	NRVB0540T1G + SZMMBZ47VALT1G
BAT54T1G	NRVB0540T1G + SMMBTA42LT1G
M1MA151KT1G	SMBT2000T1G + SMMBTA42LT1G
M1MA151WAT1G	SMBT2000T1G + SMMBTA42LT1G
M1MA151WKT1G	SMBT2000T1G + SMMBTA42LT1G
M1MA152KT1G	SMBT2000T1G + SMMBTA42LT1G
M1MA152WAT1G	SMBT2000T1G + SMMBTA42LT1G
M1MA152WKT1G	SMBT2000T1G + SMMBTA42LT1G
MMSD103T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD301T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD4148T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD4148T3G	NRVB0540T1G + SMMBTA42LT1G
MMSD701T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD914T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD914T3G	NRVB0540T1G + SMMBTA42LT1G
MSB92T1G	SMBT2000T1G + SMMBTA42LT1G
MSD42T1G	SMBT2000T1G + SMMBTA42LT1G
MSD602-RT1G	SMBT2000T1G + SMMBTA42LT1G
MUN2111T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2112T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2113T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2114T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2211T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2211T3G	SMBT2000T1G + SMMBTA42LT1G
MUN2212T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2213T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2214T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2214T3G	SMBT2000T1G + SMMBTA42LT1G
MUN2216T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2230T1G	SMBT2000T1G + SMMBTA42LT1G



MUN2232T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2233T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2234T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2236T1G	SMBT2000T1G + SMMBTA42LT1G
NSBC115EPDXV6T1G	SNST3904DXV6T5G
NSI45015WT1G	NRVB0540T1G + SMMBTA42LT1G
NSI45020AT1G	NRVB0540T1G + SMMBTA42LT1G
NSI45020T1G	NRVB0540T1G + SMMBTA42LT1G
NSI45025AT1G	NRVB0540T1G + SMMBTA42LT1G
NSI45025T1G	NRVB0540T1G + SMMBTA42LT1G
NSI45030AT1G	NRVB0540T1G + SMMBTA42LT1G
NSI45030T1G	NRVB0540T1G + SMMBTA42LT1G
NSI50010YT1G	NRVB0540T1G + SMMBTA42LT1G
CM1213A-02SR	SZMMBZ5270BLT1G
CM1223-02SR	SZMMBZ5270BLT1G
CM1293A-02SR	SZMMBZ5270BLT1G
MMSZ10T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ2V4T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ2V7T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ3V0T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ3V3T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ3V6T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ3V9T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4678T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4679T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4680ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4680T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4681T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4682T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4683T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4684T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4684T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4685T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4686T1G	NRVB0540T1G + SZMMBZ47VALT1G



MMSZ4687T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4688T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4688T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4689ET1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ4696T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ4V7T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5221BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5222BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5231BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5231BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5231CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5232BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5232CT1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5235ET1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5248BT1GX	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5252BT1GX	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5256BT1GX	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5272BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ56T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5V1T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5V6T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ6V2T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ6V8T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ7V5T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ8V2ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ8V2T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ9V1T1G	NRVB0540T1G + SZMMBZ47VALT1G
NUP4114UPXV6T2G	SNST3904DXV6T5G + SZMMBZ5270BLT1G

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# : FPCN23066X

発行日: 24 Apr 2020

変更件名:	SOD123、SOT553、SOT563、SOT143、SC59 パッケージのハンケル製グリーンコンパウンドのセカンドソース認定	
初回出荷予定日:	31 Jul 2020 またはお客様からの承認が得られた場合はそれ以前。	
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:	現地のオン・セミコンダクター営業所または PCN.Samples@onsemi.com にお問い合わせください。 サンプルは、この変更の初回通知、初回 PCN の日付から 30 日以内に要求してください。 サンプル納入時は、依頼日、数量、特別梱包材/ラベル条件によって異なります。	
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 90 日前に発行されます。 オン・セミコンダクターは、この通知の送付から 30 日以内に書面による問い合わせがない限り、この変更が承諾されたものとみなします。お問い合わせは、 PCN.Support@onsemi.com 宛てにお願いします。	
変更部品の識別:	製品のマーキングおよび日付コードのトレーサビリティの更新なし。	
変更カテゴリ:	アセンブリの変更	
変更サブカテゴリ:	材料の変更	
影響を受ける拠点:		
オン・セミコンダクター拠点:	外部製造工場 / 下請業者拠点:	
Leshan Phoenix Semiconductor, China	無し	
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	Hitachi GE200F Henkel GR640 HV
今回の変更に伴う製品マーキングの変更はありません。		



信頼性データの要約:

デバイス名: **SMBT2000T1G**RMS : **39349 & 43095**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= -65°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: **SMMBTA42LT1G**RMS : **41152**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= -65°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= -65°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= -65°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	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= -65°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: BVSS123LT1GRMS : 39350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
HTGB	JESD22- A108	Ta= max, Vgs=100%, 2016 Hrs	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= -65°C to +150°C	2000 cyc	0/231
HAST	JESD22-A110	110°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	110°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: 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= -65°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

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: 部品一覧には標準部品番号 (既製品) のみが記載されています。本 PCN の影響を受けるカスタム部品番号は、PCN メールで提供される顧客個別の付録、または PCN カスタマイズポータルに記載されています。

部品番号	認定試験用ピークル
NSBA123JDXV6T5G	SNST3904DXV6T5G
NSBC123JPDXV6T5G	SNST3904DXV6T5G
NSBC124EPDXV6T5G	SNST3904DXV6T5G
MUN2133T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2137T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2138T1G	SMBT2000T1G + SMMBTA42LT1G
NSBA113EDXV6T1G	SNST3904DXV6T5G
NSBA114TDXV6T1G	SNST3904DXV6T5G
NSBA114TDXV6T5G	SNST3904DXV6T5G
MUN2140T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2231T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2235T1G	SMBT2000T1G + SMMBTA42LT1G
NSBA143EDXV6T1G	SNST3904DXV6T5G



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NSBA143TDXV6T1G	SNST3904DXV6T5G
NSBA143TDXV6T5G	SNST3904DXV6T5G
NSBA144WDXV6T1G	SNST3904DXV6T5G
STZD5110NT1G	SNST3904DXV6T5G + BVSS123LT1G
EMC3DXV5T5G	SNST3904DXV6T5G
EMD5DXV6T5G	SNST3904DXV6T5G
EMF5XV6T5G	SNST3904DXV6T5G
NSDEMP11XV6T5G	SNST3904DXV6T5G
NSTB1002DXV5T1G	SNST3904DXV6T5G
NSBA124EDXV6T1G	SNST3904DXV6T5G
NSBC123JDXV6T5G	SNST3904DXV6T5G
NSBC143TDXV6T1G	SNST3904DXV6T5G
NTZD3155CT2H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3155CT5H	SNST3904DXV6T5G + BVSS123LT1G
SNUF2042XV6T1G	SNST3904DXV6T5G + BVSS123LT1G
MMSZ5255ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5258ET1G	NRVB0540T1G + SZMMBZ47VALT1G
NTZD3154NT2H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3154NT5H	SNST3904DXV6T5G + BVSS123LT1G
MMSZ5223BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5225BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5226BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5226CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5227BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5228BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5229BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5230BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5235BT1H	NRVB0540T1G + SZMMBZ47VALT1G
NUP8020X6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
BC858CDXV6T1G	SNST3904DXV6T5G
EMT1DXV6T1G	SNST3904DXV6T5G
EMT1DXV6T5G	SNST3904DXV6T5G
EMX1DXV6T1G	SNST3904DXV6T5G
EMX1DXV6T5G	SNST3904DXV6T5G
EMX2DXV6T5G	SNST3904DXV6T5G
NSBA115EDXV6T1G	SNST3904DXV6T5G



NSBC114EPDXV6T1G	SNST3904DXV6T5G
NSBC114EPDXV6T5G	SNST3904DXV6T5G
NSBC114TDXV6T1G	SNST3904DXV6T5G
NSBC114TDXV6T5G	SNST3904DXV6T5G
NSBC114YPDXXV6T1G	SNST3904DXV6T5G
NSBC114YPDXXV6T5G	SNST3904DXV6T5G
NSBC123JPDXXV6T1G	SNST3904DXV6T5G
NSBC124EPDXV6T1G	SNST3904DXV6T5G
NSBC143TPDXV6T1G	SNST3904DXV6T5G
NSBC143ZPDXXV6T1G	SNST3904DXV6T5G
NSBC144EPDXV6T1G	SNST3904DXV6T5G
NSBC144EPDXV6T5G	SNST3904DXV6T5G
NST30010MXV6T1G	SNST3904DXV6T5G
MSC2712GT1G	SMBT2000T1G + SMMBTA42LT1G
MUN2115T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2116T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2130T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2131T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2132T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2134T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2135T1G	SMBT2000T1G + SMMBTA42LT1G
MBR0520LT1G	NRVB0540T1G
MUN2136T1G	SMBT2000T1G + SMMBTA42LT1G
MBR0540T1G	NRVB0540T1G
MUN2141T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2215T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2237T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2238T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2240T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2241T1G	SMBT2000T1G + SMMBTA42LT1G
NSBA123EDXV6T1G	SNST3904DXV6T5G
NSBA124XDXV6T1G	SNST3904DXV6T5G
NSBA143ZDXV6T1G	SNST3904DXV6T5G
NSBC113EPDXV6T1G	SNST3904DXV6T5G
NSBC114TPDXV6T1G	SNST3904DXV6T5G
NSBC123EDXV6T1G	SNST3904DXV6T5G



NSBC123EPDXV6T1G	SNST3904DXV6T5G
NSBC143EPDXV6T1G	SNST3904DXV6T5G
NSBC144WDXV6T1G	SNST3904DXV6T5G
BAS16DXV6T1G	SNST3904DXV6T5G
BAV70DXV6T5G	SNST3904DXV6T5G
BC847BPDV6T1G	SNST3904DXV6T5G
BC847CDV6T1G	SNST3904DXV6T5G
BC847CDV6T1H	SNST3904DXV6T5G
EMC2DXV5T1G	SNST3904DXV6T5G
EMC3DXV5T1G	SNST3904DXV6T5G
EMC4DXV5T1G	SNST3904DXV6T5G
EMC5DXV5T1G	SNST3904DXV6T5G
EMD4DXV6T1G	SNST3904DXV6T5G
EMD4DXV6T5G	SNST3904DXV6T5G
NUF2042XV6T1G	SNST3904DXV6T5G + BVSS123LT1G
NUF2230XV6T1G	SNST3904DXV6T5G + BVSS123LT1G
NUP2114UPXV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP4102XV6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP4114UPXV6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP5120X6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NUP5120X6T2G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA5V6XV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA6V2XV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA6V8XV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
EMF18XV6T5G	SNST3904DXV6T5G
EMG2DXV5T5G	SNST3904DXV6T5G
NSBA114EDXV6T1G	SNST3904DXV6T5G
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NSBA144EDXV6T5G	SNST3904DXV6T5G
NSBC114EDXV6T1G	SNST3904DXV6T5G
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NSBC115EDXV6T1G	SNST3904DXV6T5G
NSBC124EDXV6T1G	SNST3904DXV6T5G
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NSBC143ZDXV6T1G	SNST3904DXV6T5G
NSBC144EDXV6T1G	SNST3904DXV6T5G
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NSDEMP11XV6T1G	SNST3904DXV6T5G
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NSS12100XV6T1G	SNST3904DXV6T5G
NST3904DXV6T1G	SNST3904DXV6T5G
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NSBC113EDXV6T1G	SNST3904DXV6T5G
NSBC123JDXV6T1G	SNST3904DXV6T5G
NSBC124XDXV6T1G	SNST3904DXV6T5G
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NSBC143EDXV6T1G	SNST3904DXV6T5G
NSBC143TDXV6T5G	SNST3904DXV6T5G
NSBC143ZDXV6T5G	SNST3904DXV6T5G
NTZD3152PT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3152PT1H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3154NT1G	SNST3904DXV6T5G + BVSS123LT1G
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NTZD3154NT5G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3155CT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3155CT1H	SNST3904DXV6T5G + BVSS123LT1G
NTZD3155CT2G	SNST3904DXV6T5G + BVSS123LT1G
NTZD3158PT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZD5110NT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZS3151PT1G	SNST3904DXV6T5G + BVSS123LT1G
NTZS3151PT1H	SNST3904DXV6T5G + BVSS123LT1G
STZD3155CT1G	SNST3904DXV6T5G + BVSS123LT1G
NUP4060AXV6T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
NZQA5V6AXV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G



NZQA6V8AXV5T1G	SNST3904DXV6T5G + SZMMBZ5270BLT1G
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MBR0540T3G	NRVB0540T1G
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MBR130T3G	NRVB0540T1G
MMSZ10T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ11T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ12T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ13T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ18ET1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ18T3G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ36T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ4706T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5250BT1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5251BT1G	NRVB0540T1G + SZMMBZ47VALT1G



MMSZ5252BT1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5253BT1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5270BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ56T1G	NRVB0540T1G + SZMMBZ47VALT1G
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M1MA151KT1G	SMBT2000T1G + SMMBTA42LT1G
M1MA151WAT1G	SMBT2000T1G + SMMBTA42LT1G
M1MA151WKT1G	SMBT2000T1G + SMMBTA42LT1G
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MMSD301T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD4148T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD4148T3G	NRVB0540T1G + SMMBTA42LT1G



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MMSD701T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD914T1G	NRVB0540T1G + SMMBTA42LT1G
MMSD914T3G	NRVB0540T1G + SMMBTA42LT1G
MSB92T1G	SMBT2000T1G + SMMBTA42LT1G
MSD42T1G	SMBT2000T1G + SMMBTA42LT1G
MSD602-RT1G	SMBT2000T1G + SMMBTA42LT1G
MUN2111T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2112T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2113T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2114T1G	SMBT2000T1G + SMMBTA42LT1G
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MUN2214T3G	SMBT2000T1G + SMMBTA42LT1G
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MUN2230T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2232T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2233T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2234T1G	SMBT2000T1G + SMMBTA42LT1G
MUN2236T1G	SMBT2000T1G + SMMBTA42LT1G
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NSI45020AT1G	NRVB0540T1G + SMMBTA42LT1G
NSI45020T1G	NRVB0540T1G + SMMBTA42LT1G
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CM1213A-02SR	SZMMBZ5270BLT1G
CM1223-02SR	SZMMBZ5270BLT1G
CM1293A-02SR	SZMMBZ5270BLT1G
MMSZ10T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ2V4T1G	NRVB0540T1G + SZMMBZ47VALT1G



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MMSZ2V7T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ3V0T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ3V6T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ4685T1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ4688T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4688T3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4689ET1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4689T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4689T3G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ4690T3G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ4V3T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ4V7T1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5221BT1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5231BT1G	NRVB0540T1G + SZMMBZ47VALT1G



MMSZ5231BT3G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5231CT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5232BT1G	NRVB0540T1G + SZMMBZ47VALT1G
MMSZ5232CT1G	NRVB0540T1G + SZMMBZ47VALT1G
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MMSZ5V1T1G	NRVB0540T1G + SZMMBZ47VALT1G
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