

12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20221031004.1

Qualification of new Fab site (RFAB) using qualified Process Technology, Die Revision, Datasheet update and additional Assembly site options for select devices Change Notification / Sample Request

Date: November 01, 2022

To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an announcement of a change to a device that is currently offered by Texas Instruments (TI). The details of this change are on the following pages, and are in alignment with our standard product change notification (PCN) <u>process</u>.

TI requires acknowledgement of receipt of this notification within 30 days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance of the change. If samples or additional data are required, requests must be received within 30 days of this notification, given that samples are not built ahead of the change.

The Proposed First Ship date in this PCN letter is the earliest possible date that customers could receive the changed material. It is our commitment that the changed device will not ship before that date. If samples are requested within the 30 day sample request window, customers will still have 30-days to complete their evaluation regardless of the proposed 1st ship date.

This particular PCN is related to TI's multiyear transition plan for our two remaining factories with 150-millimeter production (DFAB in Dallas, Texas, and SFAB in Sherman, Texas). DFAB will remain open, but will focus on 200-mm production, with a smaller set of technologies. SFAB will close no earlier than 2024 and no later than 2025. As referenced in the "reason for change" below, these changes are part of our multiyear plan to transition these products to newer, more efficient manufacturing processes and technologies, underscoring our commitment to product longevity and supply continuity.

For questions regarding this notice or to provide acknowledgement of this PCN, you may contact your local Field Sales Representative or the PCN Team (PCN www.admin.team@list.ti.com). For sample requests or sample related questions, contact your local Field Sales Representative. As always, we thank you for your continued business.

PCN Team SC Business Services

20221031004.1 Attachment: 1

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
SN65LBC176DR	null
SN75179BPSR	null
SN75ALS181NSR	null
SN75179BP	null
SN65LBC180RSAR	null
SN65LBC179DR	null
SN55LBC180RSAR	null
SN75176ADR	null
SN65LBC179DRG4	null

Technical details of this Product Change follow on the next page(s).

PCN Number: 2022		20221031004.1		PC	N Date:	November 01, 2022			
Title: Qualification of new Fab site (RFAB) using qualified Pro Datasheet update and additional Assembly site options									
Cus	tomer	Contact:		PCN M	<u>lanager</u>	Dept:		Q	uality Services
Proposed 1 st Ship Date:		Jan 3:	1, 2023	Sample re accepted	equests Nov. 30, 2022*		ov 30, 2022*		
*Sa	mple r	equests rece	ived	afte	r November 30, 20	022 will no	t be	suppor	rted.
Cha	nge Ty	/pe:							
\boxtimes	Assen	nbly Site			Assembly Process			Assem	bly Materials
\boxtimes	Design	า			⊠ Electrical Specification			Mechai	nical Specification
☐ Test Site		Packing/Shipping/Labeling			Test Pr	rocess			
☐ Wafer Bump Site ☐ Wafer Bum		Wafer Bump Mater	Wafer Bump Material 🔲 Wafer Bump Pro		Bump Process				
Wafer Fab Site		Wafer Fab Material	S	\boxtimes	Wafer	Fab Process			
			Part number chang	je		•			
	PCN Details								

Description of Change:

Texas Instruments is pleased to announce the qualification of a new fab & process technology (RFAB, LBC7) and additional Assembly site (MLA) for selected devices listed below in the product affected section.

С	urrent Fab Site)	A	dditional Fab S	ite
Current Fab Site	Process	Wafer Diameter	Additional Fab Site	Process	Wafer Diameter
DL-LIN	LBC2	150 mm			
DL-LIN	LBC2	200 mm	DEAD	L DC7	200
SFAB	OI	200 mm	RFAB	LBC7	300 mm
SFAB	JI1	200 mm			

The die was also changed as a result of the process change.

Additionally, there will be a BOM/Assembly options introduced for these devices:

Group 1 (RFAB/Process migration & no construction differences)

Group 2 (RFAB/Process migration & MLA as an additional Assembly site, no construction differences):

Group 3 (RFAB/Process migration & CDAT as an additional Assembly site [CARZ])

	CARZ	CDAT
Mold Compound	SID#441086	4222198
Mound Compound	SID#435143	4207123

Group 4 (RFAB/Process migration & CDAT as an additional Assembly site [CRS])

	CRS	CDAT
Mold Compound	SID#441272	4222198
Mound Compound	SID#435143	4207123

The datasheets will be changing as a result of the above mentioned changes. The datasheet change details can be reviewed in the datasheet revision history. The links to the revised datasheets are available in the table below.



Pa		rom Revision E (June 2008) to Rev
		ed the data sheet format to the latest
		ed the Thermal Information table
SN75ALS1		AS
- DECEMBER 1992 - REVISED OCTOBER 20	SLLS152E -	TRUMENTS
Pag	Revision E (October 2022)	from Revision D (August 2013) to F
		the Pin Configuration and Functions
		the Package thermal impedance fro the Thermal Information table
		the Detailed Description section
		••
LBC180, SN65LBC180, SN75LBC18 - FEBRUARY 1994 – REVISED OCTOBER 202		AS TRUMENTS
	rision I (October 2022)	rom Revision H (June 2022) to Rev
Pag		
.BC179, SN65LBC179, SN65LBC17	Information Table	ed RSA (QFN) values in the <i>Thermal</i> AS FRUMENTS
.BC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2	Information Table	AS TRUMENTS
BC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Pa	SN75LB SLLS173G rision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest
BC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Pa	SN75LB SLLS173G rision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Rev
BC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Pa	SN75LB SLLS173G rision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest
BC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Pa	SN75LB SLLS173G rision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest
LBC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Pa LBC176, SN65LBC176, SN75LBC17 37I – AUGUST 1990 – REVISED OCTOBER 202 Pag	SN75LB SLLS173G vision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest the Thermal Information table
LBC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Particle LBC176, SN65LBC176, SN75LBC17 i7I – AUGUST 1990 – REVISED OCTOBER 202 Pag s, Detailed Description section, I Mechanical, Packaging, and	SN75LB SLLS173G Vision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest the Thermal Information table
LBC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Particle LBC176, SN65LBC176, SN75LBC17 i7I – AUGUST 1990 – REVISED OCTOBER 202 Pag s, Detailed Description section, I Mechanical, Packaging, and	SN75LB SLLS173G Vision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest the Thermal Information table
BC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Pa LBC176, SN65LBC176, SN75LBC17 671 – AUGUST 1990 – REVISED OCTOBER 202 Pag 5, Detailed Description section, I Mechanical, Packaging, and SN75176 S100C – JUNE 1984 – REVISED OCTOBER 20	SN75LB SLLS173G rision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest the Thermal Information table
LBC179, SN65LBC179, SN65LBC17 3G – JANUARY 1994 – REVISED OCTOBER 2 Pa LBC176, SN65LBC176, SN75LBC17 371 – AUGUST 1990 – REVISED OCTOBER 202 Pag 3, Detailed Description section, Mechanical, Packaging, and SN75176 S100C – JUNE 1984 – REVISED OCTOBER 202	SN75LB SLLS173G Vision G (October 2022) data sheet format	AS FRUMENTS from Revision F (April 2006) to Reveal the data sheet format to the latest the Thermal Information table

Product Folder	Current Datasheet Number	New Datasheet Number	Link to full datasheet
SN75179B	SLLS003E	SLLS003F	http://www.ti.com/product/SN75179B
SN75ALS181	SLLS152D	SLLS152E	http://www.ti.com/product/SN75ALS181
SN65LBC180, SN55LBC180	SLLS174H	SLLS174I	http://www.ti.com/product/SN55LBC180
SN65LBC179	SLLS173F	SLLS173G	http://www.ti.com/product/SN75LBC179
SN65LBC176	SLLS067H	SLLS067I	http://www.ti.com/product/SN55LBC176
SN75176A	SLLS100B	SLLS100C	http://www.ti.com/product/SN75176A

Temp and Tube variants of the devices are included in EOL notice PDN# 20221031005.3

Qual details are provided in the Qual Data Section.

Reason for Change:

These changes are part of our multiyear plan to transition products from our 150-milimeter factories to newer, more efficient manufacturing processes and technologies, underscoring our commitment to product longevity and supply continuity.

Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):

None

Impact on Environmental Ratings

Checked boxes indicate the status of environmental ratings following implementation of this change. If below boxes are checked, there are no changes to the associated environmental ratings.

RoHS	REACH	Green Status	IEC 62474
⊠ No Change	⊠ No Change	⊠ No Change	⊠ No Change

Changes to product identification resulting from this PCN:

Fab Site Information:

Chip Site	Chip Site Origin Code (20L)	Chip Site Country Code (21L)	Chip Site City
DL-LIN	DLN	USA	Dallas
SH-BIP-1	SHE	USA	Sherman
RFAB	RFB	USA	Richardson

Die Rev:

Current	New
Die Rev [2P]	Die Rev [2P]
ΔRF	_

Assembly Site Information:

Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City
FMX	MEX	MEX	Aguascalientes
CARZ	CSZ	CHN	Jiangsu
CRS	CRS	MYS	Jelapang, Ipoh
MLA	MLA	MYS	KUALA LUMPUR
CDAT	CDA	CHN	Chengdu

Sample product shipping label (not actual product label)

TEXAS
INSTRUMENTS
MADE IN: Malaysia
2DC: 20:

MSL 2 /260C/1 YEAR SEAL DT MSL 1 /235C/UNLIM 03/29/04

PT: 39 LBL: 5A (L)TO:1750



(1P) \$N74L\$07N\$R (Q) 2000 (D) 0336 (31T)LOT: 3959047MLA (4W) TKY(1T) 7523483812

(2P) REV: (V) 9933317 (20L) CSO: SHE (21L) CCO:USA (22L) ASO: MLA (23L) ACO: MYS

Product Affected:

Group 1 Device list (RFAB/Process migration & no construction differences)

SN75179BP	SN75179BPSR	SN75ALS181NSR	SN75ALS181NSRG4
SN75179BPE4			

Group 2 Device list (RFAB/Process migration & MLA as an additional Assembly site, no construction differences)

SN75176ADR	SN65LBC176DR	SN75176ADRE4	SN65LBC176DRG4
SN75179BDR	SN65LBC179DR	SN75179BDRG4	SN65LBC179DRG4

Group 3 Device list (RFAB/Process migration & CDAT as an additional Assembly site [CARZ])

SN65LBC180RSAR

Group 4 Device list (RFAB/Process migration & CDAT as an additional Assembly site [CRS])

SN55LBC180RSAR

For alternate parts with similar or improved performance, please visit the product page on $\overline{\text{TI.com}}$

Qualification Report Approve Date 10-October-2022

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

									<u> </u>					
Туре		Test Name	Condition	Duration	Qual Device: SN65LBC176DR	Qual Device: SN65LBC179DR	Qual Device: SN55LBC180RSAR	QBS Reference: ICAN1044VDRQ1	QBS Reference: ICAN1044VDRQ1	QBS Reference: TPS51217DSCR	QBS Reference: TLIN10283DRBRQ1	QBS Reference: TLIN10285DRBRQ1	QBS Reference: TCAN1043DQ1	QBS Reference: IPS2590RSAR
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-		-	-	-	3/231/0	-		-	-
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	-	1/77/0	2/154/0	-	1/77/0	2/154/0	-	-
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-				-				3/231/0	-
UHAST	А3	Autoclave	121C/15psig	96 Hours	-	-	-	-	-	3/231/0	-		-	1/77/0
UHAST	А3	Autoclave	121C/15psig	96 Hours	-	-	-	1/77/0	2/154/0	-	1/77/0	2/154/0	3/231/0	-
тс	Α4	Temperature Cycle	-55C/150C	1000 Cycles	-	-	-	-	-		-	1/77/0	-	-
тс	Α4	Temperature Cycle	-65C/150C	500 Cycles	-	-	-	-	-	3/231/0	-		-	1/77/0
тс	Α4	Temperature Cycle	-65C/150C	500 Cycles	-	-	-	1/77/0	2/154/0	-	1/77/0	1/77/0	3/231/0	-
HTSL	A6	High Temperature Storage Life	150C	1000 Hours			-				1/77/0	2/154/0	-	-
HTSL	A6	High Temperature Storage Life	170C	420 Hours	-	-	-		-	3/231/0	-	-	-	-
HTSL	A6	High Temperature Storage Life	175C	500 Hours				1/45/0	2/90/0					-
HTSL	A6	High Temperature Storage Life	175C	500 Hours	-	-			-	-	-	-	1/45/0	-
HTOL	81	Life Test	125C	1000 Hours	-			1/77/0	2/154/0				1/77/0	-
HTOL	B1	Life Test	135C	635 Hours	-					3/231/0			-	-
HTOL	81	Life Test	150C	1000 Hours	-				-		1/77/0	2/154/0	-	-
WBS	C1	Ball Shear	76 balls, 3 units min	Wires	1/76/0	1/76/0	1/76/0	-	-	-	-		-	1/3/0
SD	C3	PB Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes)	-	-	-	-	-	1/15/0	-	-	1/15/0	1/15/0	-

- QBS: Qual By Similarity
- Qual Device SN65LBC176DR is qualified at MSL1 260C
- . Qual Device SN65LBC179DR is qualified at MSL1 260C
- Qual Device SN55LBC180RSAR is qualified at MSL2 260C
- Preconditioning was performed for Autoclave, Unbiased HAST, THB/Biased HAST, Temperature Cycle, Thermal Shock, and HTSL, as applicable
- The following are equivalent HTOL options based on an activation energy of 0.7 eV: 125C/1k Hours, 140C/480 Hours, 150C/300 Hours, and 155C/240 Hours
- The following are equivalent HTSL options based on an activation energy of 0.7eV : 150C/1k Hours, and 170C/420 Hours
- The following are equivalent Temp Cycle options per JESD47: -55C/125C/700 Cycles and -65C/150C/500 Cycles

Quality and Environmental data is available at TI's external Web site: http://www.ti.com/

Green/Pb-free Status:

Qualified Pb-Free(SMT) and Green

Qualification Report Approve Date 10-October-2022

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Туре	#	Test Name	Condition	Duration	Qual Device: SN75176ADR	Qual Device: SN75179BDR	Qual Device: SN75179BP	Qual Device: SN75179BPSR	QBS Reference: TCAN1044VDRQ1	QBS Reference: TCAN1044VDRQ1	QBS Reference: TL092CPS	QBS Reference: TPS51217DSCR	QBS Reference: SE555P	QBS Reference: SN104571P	QBS Reference: TPIC6A596NE
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	-	-	-	-	-	3/231/0			-
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	-	-	1/77/0	2/154/0	-	-	-	-	-
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	-	-	-	-	-	-	-	-	3/231/0
UHAST	А3	Autoclave	121C/15psig	96 Hours	-	-	-	-	-	-	3/230/0	3/231/0	-	-	-
UHAST	А3	Autoclave	121C/15psig	96 Hours	-	-	-	-	1/77/0	2/154/0	-	-	-	-	-
UHAST	А3	Autoclave	121C/15psig	96 Hours	-	-	-	-	-	-	-	-	3/231/0	3/231/0	3/231/0
тс	A4	Temperature Cycle	-65C/150C	500 Cycles	-		-	-	-	-	3/231/0	3/231/0	-	-	-
тс	A4	Temperature Cycle	-65C/150C	500 Cycles	-		-	-	1/77/0	2/154/0	-	-	-	-	-
тс	A4	Temperature Cycle	-65C/150C	500 Cycles	-	-	-	-	-	-	-	-	3/231/0	3/231/0	3/231/0
HTSL	A6	High Temperature Storage Life	170C	420 Hours	-	-	-	-	-	-	3/231/0	3/231/0	-	-	-
HTSL	A6	High Temperature Storage Life	175C	500 Hours	-	-	-	-	1/45/0	2/90/0	-	-	-	-	-
HTSL	A6	High Temperature Storage Life	175C	500 Hours	-	-	-	-	-	-	-	-	3/135/0	3/135/0	3/135/0
HTOL	B1	Life Test	125C	1000 Hours	-	-	-	-	1/77/0	2/154/0		-	-	-	3/231/0
HTOL	B1	Life Test	135C	635 Hours	-	-	-	-	-	-	-	3/231/0	-	-	-
WBS	C1	Ball Shear	76 balls, 3 units min	Wires	1/76/0	1/76/0	1/76/0	1/76/0	-	-	-	-	-	-	-
WBP	C2	Bond Pull	76 Wires, 3 units min	Wires	1/76/0	1/76/0	1/76/0	1/76/0	-	-	-	-	-	-	-
SD	СЗ	PB Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes)		-		-	-	-	1/15/0		-	3/45/0	3/45/0	3/45/0
SD	СЗ	PB Solderability	Precondition w.155C Steam Age (8 hrs +/- 15 minutes)		-	-	-	-	-	1/15/0			3/45/0	3/45/0	3/45/0
SD	C3	PB-Free Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes)	-	-	-	-	-	-	1/15/0			3/45/0	3/45/0	3/45/0
SD	C3	PB-Free Solderability	Precondition w.155C Steam Age (8 hrs +/- 15 minutes)	-	-	-	-	-	-	1/15/0			3/45/0	3/45/0	3/45/0
PD	C4	Physical Dimensions	Cpk>1.67	-	-	-	-	-	1/10/0	2/20/0	-	-	3/30/0	3/30/0	3/30/0
ESD	E2	ESD CDM	-	1500 Volts	-		-	-	-	-	-	3/9/0	-	-	-
ESD	E2	ESD CDM	-	250 Volts	1/3/0	1/3/0	1/3/0	1/3/0	-	-	-	-		-	-
ESD	E2	ESD HBM	-	1000 Volts	1/3/0	1/3/0	-	-	-	-	-	-	-	-	-
ESD	E2	ESD HBM	-	15000 Volts	1/3/0	-	-	-	-	-	-	-	-	-	-
ESD	E2	ESD HBM	-	2000 Volts	-		-	-			-	3/9/0	-	-	-
LU	E4	Latch-Up	Per JESD78	-	1/3/0	1/3/0		-	-	-		3/18/0	-	-	-
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	1/30/0	1/30/0	-	-	-	-	-	3/60/0	-	-	-
CHAR	E5	Electrical Distributions	Cpk>1.67 Room, hot, and cold	-	-	-	-	-	2/60/0	-	-	-	3/90/0	-	3/90/0
FTY	E6	Final Test Yield	-		1/1/0	1/1/0	1/1/0	1/1/0	-	-		-	-	-	-

- QBS: Qual By Similarity
 Qual Device SN75176ADR is qualified at MSL1 260C
 Qual Device SN751798DR is qualified at MSL1 260C
 Qual Device SN751798DR is qualified at MSL1 260C
 Qual Device SN751798PS is qualified at NDC CLASSIFIED NOT CLASSIFIED
 Qual Device SN751798PSR is qualified at MSL1 260C

- Preconditioning was performed for Autoclave, Unbiased HAST, THB/Blased HAST, Temperature Cycle, Thermal Shock, and HTSL, as applicable
 The following are equivalent HTOL options based on an activation energy of 0.7ev : 125C/1k Hours, 140C/480 Hours, 150C/300 Hours, and 175C/240 Hours
 The following are equivalent HTSL options based on an activation energy of 0.7ev : 150C/1k Hours, and 170C/420 Hours
 The following are equivalent Temp Cycle options per JESD47:-55C/125C/700 Cycles and -65C/150C/500 Cycles

Quality and Environmental data is available at TI's external Web site: http://www.ti.com/

Green/Pb-free Status:

Qualification Report Approve Date 10-October-2022

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Туре	#	Test Name	Condition	Duration	Qual Device: SN75ALS181NSR	QBS Reference: <u>TL092CPS</u>	QBS Reference: SN75ALS1177NS	QBS Reference: TPS51217DSCR
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	-	3/231/0
UHAST	A3	Autoclave	121C/15psig	96 Hours	-	3/230/0	3/231/0	3/231/0
HTSL	A6	High Temperature Storage Life	170C	420 Hours	-	3/231/0	-	3/231/0
HTOL	B1	Life Test	135C	635 Hours	-	-	-	3/231/0
WBS	C1	Ball Shear	76 balls, 3 units min	Wires	1/76/0	-	-	-
WBP	C2	Bond Pull	76 Wires, 3 units min	Wires	1/76/0	-	-	-
ESD	E2	ESD CDM	-	1500 Volts	-	-	-	3/9/0
ESD	E2	ESD CDM	-	250 Volts	1/3/0	-	-	-
ESD	E2	ESD HBM	-	1000 Volts	1/3/0	-	-	-
ESD	E2	ESD HBM	-	2000 Volts	-	-	-	3/9/0
LU	E4	Latch-Up	Per JESD78	-	1/3/0	-	-	3/18/0
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	1/30/0	-	-	3/60/0
FTY	E6	Final Test Yield	-	-	1/1/0	-	-	-

- QBS: Qual By Similarity
- · Qual Device SN75ALS181NSR is qualified at MSL1 260C
- Preconditioning was performed for Autoclave, Unbiased HAST, THB/Biased HAST, Temperature Cycle, Thermal Shock, and HTSL, as applicable
- The following are equivalent HTOL options based on an activation energy of 0.7eV: 125C/1k Hours, 140C/480 Hours, 150C/300 Hours, and 155C/240 Hours
- The following are equivalent HTSL options based on an activation energy of 0.7eV: 150C/1k Hours, and 170C/420 Hours
- The following are equivalent Temp Cycle options per JESD47: -55C/125C/700 Cycles and -65C/150C/500 Cycles

Quality and Environmental data is available at TI's external Web site: http://www.ti.com/

Green/Pb-free Status:

Qualified Pb-Free(SMT) and Green

For questions regarding this notice, e-mails can be sent to the contact below or your local Field Sales Representative.

Location	E-Mail				
WW Change Management Team	PCN www admin_team@list.ti.com				

IMPORTANT NOTICE AND DISCLAIMER

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