



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20170711000
Transfer of select LB300 devices from GFAB to FFAB Wafer Fab site
Change Notification / Sample Request

Date: July 18, 2017
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. The details of this change are on the following pages.

We request you acknowledge 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 you require samples or additional data to support your evaluation, please request within 30 days.

The changes discussed within this PCN will not take effect any earlier than **90** days from the date of this notification, unless customer agreement has been reached on an earlier implementation of the change. This notification period is per TI's standard process.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

PCN Team
SC Business Services

20170711000
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
LM1085IS-ADJ/NOPB	null
LM1085IT-5.0/NOPB	null
LM1086CSX-ADJ/NOPB	null
LM1086CT-3.3/NOPB	null
LM1086IS-ADJ/NOPB	null
LM1086ISX-5.0/NOPB	null
LM1117MPX-ADJ/NOPB	null
LM2591HVS-5.0/NOPB	null
LM2591HVS-ADJ/NOPB	null
LM2591HVSX-ADJ/NOPB	null
LM2591HVT-5.0/NOPB	null
LM2591HVT-ADJ/NOPB	null
LM2592HVS-3.3/NOPB	null
LM2594M-ADJ/NOPB	null
LM2594MX-5.0/NOPB	null
LM2594N-5.0/NOPB	null
LM2596S-5.0/NOPB	null
LM2596S-ADJ/NOPB	null
LM2596T-12/NOPB	null
LM2596T-ADJ/NOPB	null
LM2599S-3.3/NOPB	null
LM321MF/NOPB	null
LM385M3-2.5/NOPB	null
LMS1585ACS-1.5/NOPB	null
LMS1585ACS-3.3/NOPB	null
LMS1587CS-3.3/NOPB	null
LMS1587CT-ADJ/NOPB	null
LMS1587IS-1.5/NOPB	null
LMS8117AMP-3.3/NOPB	null
LMV431AIMF/NOPB	null
LM1084IS-3.3/NOPB	null
LM1084IS-5.0/NOPB	null
LM1085ISX-ADJ/NOPB	null
LM1085IT-3.3/NOPB	null
LM1085IT-ADJ/NOPB	null
LM1086CS-3.3/NOPB	null
LM1117IMPX-3.3/NOPB	null
LM1117MPX-5.0/NOPB	null
LM1117SX-3.3/NOPB	null
LM3480IM3-12/NOPB	null
LMS1587IS-3.3/NOPB	null
LMS1587ISX-3.3/NOPB	null
LMV431AIM5/NOPB	null
LM2593HVSX-ADJ/NOPB	null
LM1084IT-ADJ/NOPB	null
LM1085IS-3.3/NOPB	null
LM1085ISX-5.0/NOPB	null
LM1085IT-12/NOPB	null
LM1086CSX-3.3/NOPB	null
LM1117DT-3.3/NOPB	null
LM1117DTX-ADJ/NOPB	null
LM1117MPX-3.3/NOPB	null
LM2592HVT-ADJ/NOPB	null
LM2596SX-ADJ/NOPB	null
LM385M3-1.2/NOPB	null
LM397MF/NOPB	null
LMS1585ACSX-3.3/NOPB	null
LMS1585AIS-3.3/NOPB	null
LMS1587CSX-3.3/NOPB	null
LMS1587CSX-ADJ/NOPB	null
LMV431BIMF/NOPB	null
LMV431IM5X/NOPB	null

LM1084ISX-3.3/NOPB	null
LM1084ISX-ADJ/NOPB	null
LM1085IS-12/NOPB	null
LM1086CS-5.0/NOPB	null
LM1086CSX-2.5/NOPB	null
LM1117IMP-5.0/NOPB	null
LM2594MX-ADJ/NOPB	null
LM2596S-3.3/NOPB	null
LM321MFX/NOPB	null
LMS1587CSX-1.5/NOPB	null
LMV431ACM5/NOPB	null
LM2596S-12/NOPB	null
LM1117MP-3.3/NOPB	null
LMV431BIMFX/NOPB	null
LMV431IM5/NOPB	null
LM1117IMPX-ADJ/NOPB	null
LM1117IMP-3.3/NOPB	null
LM2591HVSX-5.0/NOPB	null
LM2597HVM-12/NOPB	null
LM2598S-12/NOPB	null
LMV431BCM5/NOPB	null
LM1086IT-ADJ/NOPB	null
LM2592HVS-5.0/NOPB	null
LM2594MX-3.3/NAK2	null
LM3480IM3X-5.0/NOPB	null
LMV431AIMFX/NOPB	null
LM1084IT-3.3/NOPB	null
LM1084IT-5.0/NOPB	null
LM1086CS-ADJ/NOPB	null
LM1117IMPX-5.0/NOPB	null
LM2594M-5.0/NOPB	null
LM2599S-ADJ/NOPB	null
LMS8117AMP-ADJ/NOPB	null
LM1117IDT-3.3/NOPB	null
LM2595S-12/NOPB	null
LMS1587CT-3.3/NOPB	null
LM1117DTX-3.3/NOPB	null
LM1117DTX-5.0/NOPB	null
LM1117T-3.3/NOPB	null
LM1117T-ADJ/NOPB	null
LM2594HVMX-5.0/NOPB	null
LM2594HVM-5.0/NOPB	null
LM2594HVM-ADJ/NOPB	null
LM2595SX-5.0/NOPB	null
LM2595SX-ADJ/NOPB	null
LMS1587CS-1.5/NOPB	null
LM1117MP-ADJ/NOPB	null
LM1117MPX-1.8/NOPB	null
LM2595T-ADJ/NOPB	null
LM2596SX-5.0/NOPB	null
LM2592HVSX-ADJ/NOPB	null
LMS1587CS-ADJ/NOPB	null
LM1117DT-2.5/NOPB	null
LMS1585ACSX-ADJ/NOPB	null
LM1117IDTX-ADJ/J7002947	null
LM1117IMP-ADJ/NOPB	null
LM2597MX-5.0/NOPB	null
LM1117MPX-2.5/NOPB	null
LMS8117ADTX-3.3/NOPB	null
LM2592HVSX-3.3/NOPB	null
LM2592HVSX-5.0/NOPB	null
LM2594HVMX-3.3/NOPB	null

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

PCN Number:	20170711000		PCN Date:	Jul 18, 2017
Title:	Transfer of select LB300 devices from GFAB to FFAB Wafer Fab site			
Customer Contact:	PCN Manager		Dept:	Quality Services
Proposed 1st Ship Date:	Oct 18, 2017	Estimated Sample Availability:	Date provided at sample request.	
Change Type:				
☐ Assembly Site	☐ Assembly Process	☐ Assembly Materials		
☐ Design	☐ Electrical Specification	☐ Mechanical Specification		
☐ Test Site	☐ Packing/Shipping/Labeling	☐ Test Process		
☐ Wafer Bump Site	☐ Wafer Bump Material	☐ Wafer Bump Process		
☒ Wafer Fab Site	☐ Wafer Fab Materials	☐ Wafer Fab Process		
	☐ Part number change			

PCN Details

Description of Change:

This change notification is to announce the transfer of select LB300 devices from GFAB to the FFAB Wafer Fab site for the selected devices listed in the "Product Affected" section.

Current Fab Site			New Fab Site		
Current Fab Site	Process	Wafer Diameter	New Fab Site	Process	Wafer Diameter
GFAB6	LB300	150 mm	FFAB	LB300	200 mm
GFAB8	LB300	200 mm	FFAB	LB300	200 mm

Qual details are provided in the Qual Data Section.

Reason for Change:

GFAB closure

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

None

Changes to product identification resulting from this PCN:

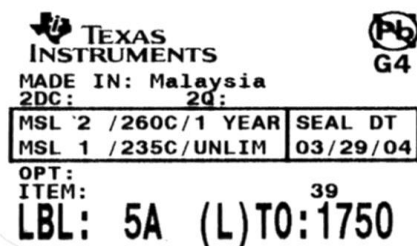
Current:

Current Chip Site	Chip Site Origin Code (20L)	Chip Site Country Code (21L)	Chip Site City
GFAB6	GF6	GBR	Greenock
GFAB8	GF8	GBR	Greenock

New Fab Site:

New Chip Site	Chip Site Origin Code (20L)	Chip Site Country Code (21L)	Chip Site City
FR-BIP-1	TID	DEU	Freising

Sample product shipping label (not actual product label)



(1P) SN74LS07NSR
 (Q) 2000 (D) 0336
 (31T) LOT: 3959047MLA
 (4W) TKY (1T) 7523483S12
 (P)
 (2P) REV: (V) 0033317
 (20L) CS0: SHE (21L) CC0:USA
 (22L) AS0:MLA (23L) AC0: MYS

Product Affected:

LDCV963AIM5/NOPB	LM1117MPX-5.0/NOPB	LM2595T-12/NOPB	LM3480IM3-5.0/NOPB
LDCV963AIM5E/NOPB	LM1117MPX-ADJ/NOPB	LM2595T-3.3/NOPB	LM3480IM3X-12
LDCV963AIM5X/NOPB	LM1117S-ADJ/NOPB	LM2595T-5.0	LM3480IM3X-12/NOPB
LM1084IS-3.3/NOPB	LM1117SX-3.3/NOPB	LM2595T-5.0/NOPB	LM3480IM3X-15/NOPB
LM1084IS-5.0/NOPB	LM1117SX-5.0/NOPB	LM2595T-ADJ	LM3480IM3X-3.3
LM1084IS-ADJ	LM1117SX-ADJ/NOPB	LM2595T-ADJ/0135	LM3480IM3X-3.3/NOPB
LM1084IS-ADJ/NOPB	LM1117T-2.5/NOPB	LM2595T-ADJ/NOPB	LM3480IM3X-5.0
LM1084ISX-3.3/NOPB	LM1117T-3.3/NOPB	LM2596S-12/NOPB	LM3480IM3X-5.0/NOPB
LM1084ISX-5.0/NOPB	LM1117T-5.0/NOPB	LM2596S-3.3	LM385M3-1.2
LM1084ISX-ADJ/NOPB	LM1117T-ADJ/NOPB	LM2596S-3.3/NOPB	LM385M3-1.2/J7001251
LM1084IT-3.3/NOPB	LM2590HVS-3.3/NOPB	LM2596S-5.0	LM385M3-1.2/NOPB
LM1084IT-5.0/NOPB	LM2590HVS-5.0/NOPB	LM2596S-5.0/NOPB	LM385M3-2.5
LM1084IT-ADJ/NOPB	LM2590HVS-ADJ/NOPB	LM2596S-ADJ/NOPB	LM385M3-2.5/NOPB
LM1085I-ADJ MDC	LM2590HVSX-3.3/NOPB	LM2596SX-12/J7001724	LM385M3X-1.2
LM1085IS-12/NOPB	LM2590HVSX-5.0/NOPB	LM2596SX-12/NOPB	LM385M3X-1.2/J7001047
LM1085IS-3.3	LM2590HVSX-ADJ/NOPB	LM2596SX-3.3	LM385M3X-1.2/NOPB
LM1085IS-3.3/NOPB	LM2590HVT-5.0/NOPB	LM2596SX-3.3/J7001682	LM385M3X-2.5
LM1085IS-5.0/NOPB	LM2590HVT-ADJ/NOPB	LM2596SX-3.3/NOPB	LM385M3X-2.5/NOPB
LM1085IS-ADJ	LM2591HVS-3.3/NOPB	LM2596SX-5.0/J7000919	LM397MF
LM1085IS-ADJ/NOPB	LM2591HVS-5.0	LM2596SX-5.0/J7001729	LM397MF/NOPB
LM1085ISX-3.3	LM2591HVS-5.0/NOPB	LM2596SX-5.0/NOPB	LM397MFX/HFLF
LM1085ISX-3.3/NOPB	LM2591HVS-ADJ	LM2596SX-ADJ	LM397MFX/NOPB
LM1085ISX-5.0/NOPB	LM2591HVS-ADJ/NOPB	LM2596SX-ADJ/ELLI955	LMS1585ACS-1.5
LM1085ISX-ADJ	LM2591HVSX-3.3/NOPB	LM2596SX-ADJ/J7001732	LMS1585ACS-1.5/NOPB
LM1085ISX-ADJ/NOPB	LM2591HVSX-5.0/NOPB	LM2596SX-ADJ/J7002158	LMS1585ACS-3.3
LM1085IT-12/NOPB	LM2591HVSX-ADJ/NOPB	LM2596SX-ADJ/NOPB	LMS1585ACS-3.3/NOPB
LM1085IT-3.3/NOPB	LM2591HVSX-ADJ/S7001827	LM2596T-12/LF03	LMS1585ACSX-1.5/NOPB
LM1085IT-5.0	LM2591HVT-3.3/NOPB	LM2596T-12/NOPB	LMS1585ACSX-3.3/J7001770
LM1085IT-5.0/NOPB	LM2591HVT-5.0	LM2596T-12/SL110273	LMS1585ACSX-3.3/NOPB
LM1085IT-ADJ	LM2591HVT-5.0/NOPB	LM2596T-3.3/LF03	LMS1585ACSX-ADJ/NOPB
LM1085IT-ADJ/NOPB	LM2591HVT-ADJ/NOPB	LM2596T-3.3/NOPB	LMS1585ACT-1.5
LM1086-ADJ MDC	LM2592HVS-3.3	LM2596T-5.0	LMS1585ACT-1.5/NOPB
LM1086CS-2.5/NOPB	LM2592HVS-3.3/NOPB	LM2596T-5.0/LF03	LMS1585ACT-3.3/NOPB
LM1086CS-3.3/NOPB	LM2592HVS-5.0/NOPB	LM2596T-5.0/NOPB	LMS1585AIS-1.5
LM1086CS-5.0/NOPB	LM2592HVS-ADJ	LM2596T-5.0/S7002372	LMS1585AIS-1.5/NOPB
LM1086CS-ADJ	LM2592HVS-ADJ/NOPB	LM2596T-ADJ	LMS1585AIS-3.3/NOPB
LM1086CS-ADJ/NOPB	LM2592HVSX-3.3/NOPB	LM2596T-ADJ/J7001689	LMS1585AISX-3.3/NO
LM1086CSX-2.5/NOPB	LM2592HVSX-5.0/NOPB	LM2596T-ADJ/LB05	LMS1587CS-1.5/NOPB
LM1086CSX-3.3/J7001710	LM2592HVSX-ADJ	LM2596T-ADJ/LF02	LMS1587CS-3.3
LM1086CSX-3.3/NOPB	LM2592HVSX-ADJ/E7001842	LM2596T-ADJ/NOPB	LMS1587CS-3.3/NOPB
LM1086CSX-ADJ/NOPB	LM2592HVSX-ADJ/NOPB	LM2597HVM-12/NOPB	LMS1587CS-ADJ
LM1086CT-3.3/NOPB	LM2592HVT-3.3/NOPB	LM2597HVM-3.3/NOPB	LMS1587CS-ADJ/NOPB
LM1086CT-5.0/NOPB	LM2592HVT-5.0/NOPB	LM2597HVM-5.0	LMS1587CSX-1.5/NOPB
LM1086CT-ADJ/NOPB	LM2592HVT-ADJ	LM2597HVM-5.0/NOPB	LMS1587CSX-3.3
LM1086ILD-3.3/NOPB	LM2592HVT-ADJ/NOPB	LM2597HVM-ADJ	LMS1587CSX-3.3/NOPB

LM1086IS-1.8/NOPB	LM2593HVS-3.3/NOPB	LM2597HVM-ADJ/NOPB	LMS1587CSX-ADJ/NOPB
LM1086IS-3.3	LM2593HVS-5.0/NOPB	LM2597HVMX-12/NOPB	LMS1587CT-3.3
LM1086IS-3.3/NOPB	LM2593HVS-ADJ	LM2597HVMX-3.3/NOPB	LMS1587CT-3.3/NOPB
LM1086IS-5.0	LM2593HVS-ADJ/NOPB	LM2597HVMX-5.0/NOPB	LMS1587CT-ADJ
LM1086IS-5.0/NOPB	LM2593HVSX-3.3/NOPB	LM2597HVMX-ADJ/NOPB	LMS1587CT-ADJ/NOPB
LM1086IS-ADJ/NOPB	LM2593HVSX-5.0/NOPB	LM2597HVN-12/NOPB	LMS1587IS-1.5
LM1086ISX-1.8/NOPB	LM2593HVSX-ADJ/NOPB	LM2597HVN-3.3/NOPB	LMS1587IS-1.5/NOPB
LM1086ISX-3.3/NOPB	LM2593HVT-5.0/NOPB	LM2597HVN-5.0/NOPB	LMS1587IS-3.3
LM1086ISX-5.0	LM2593HVT-ADJ/NOPB	LM2597HVN-ADJ/NOPB	LMS1587IS-3.3/NOPB
LM1086ISX-5.0/NOPB	LM2594HVM-12	LM2597M-12/NOPB	LMS1587IS-ADJ
LM1086ISX-ADJ/NOPB	LM2594HVM-12/NOPB	LM2597M-3.3/NOPB	LMS1587IS-ADJ/NOPB
LM1086IT-3.3/NOPB	LM2594HVM-3.3	LM2597M-5.0	LMS1587ISX-3.3/NOPB
LM1086IT-3.3/S4000135	LM2594HVM-3.3/NOPB	LM2597M-5.0/NOPB	LMS1587ISX-ADJ
LM1086IT-5.0/NOPB	LM2594HVM-5.0	LM2597M-ADJ	LMS1587ISX-ADJ/NOPB
LM1086IT-5.0/S5002153	LM2594HVM-5.0/NOPB	LM2597M-ADJ/NOPB	LMS1587IT-1.5/NOPB
LM1086IT-ADJ/NOPB	LM2594HVM-ADJ	LM2597MX-12/NOPB	LMS8117ADT-3.3/NOPB
LM1086IT-ADJ/S5002151	LM2594HVM-ADJ/NOPB	LM2597MX-3.3/NOPB	LMS8117ADT-ADJ/NOPB
LM1117DT-1.8/NOPB	LM2594HVMX-12/NOPB	LM2597MX-5.0/NOPB	LMS8117ADTX-3.3/NOPB
LM1117DT-2.5/NOPB	LM2594HVMX-3.3/NOPB	LM2597MX-ADJ/NOPB	LMS8117ADTX-ADJ/NOPB
LM1117DT-3.3/NOPB	LM2594HVMX-5.0	LM2597N-12/NOPB	LMS8117AMP-1.8
LM1117DT-5.0/NOPB	LM2594HVMX-5.0/NOPB	LM2597N-3.3/NOPB	LMS8117AMP-1.8/NOPB
LM1117DT-ADJ/NOPB	LM2594HVMX-ADJ/NAK1	LM2597N-5.0/NOPB	LMS8117AMP-3.3/NOPB
LM1117DTX-1.8/J7003096	LM2594HVMX-ADJ/NOPB	LM2597N-ADJ/NOPB	LMS8117AMP-ADJ/NOPB
LM1117DTX-1.8/NOPB	LM2594HVMX-ADJ/S5000250	LM2598S-12/NOPB	LMS8117AMPX-1.8/NOPB
LM1117DTX-2.5/J7003097	LM2594HVN-12/NOPB	LM2598S-3.3/NOPB	LMV431ACM5
LM1117DTX-2.5/NOPB	LM2594HVN-3.3/NOPB	LM2598S-5.0	LMV431ACM5/NOPB
LM1117DTX-3.3/J7003098	LM2594HVN-5.0/NOPB	LM2598S-5.0/NOPB	LMV431ACM5X/J7000507
LM1117DTX-3.3/NOPB	LM2594HVN-ADJ/NOPB	LM2598S-ADJ/NOPB	LMV431ACM5X/NOPB
LM1117DTX-5.0/NOPB	LM2594M-12/NOPB	LM2598SX-12/NOPB	LMV431AIM5
LM1117DTX-ADJ/NOPB	LM2594M-3.3	LM2598SX-3.3/NOPB	LMV431AIM5/NOPB
LM1117IDT-3.3/NOPB	LM2594M-3.3/NOPB	LM2598SX-5.0	LMV431AIM5X
LM1117IDT-5.0/NOPB	LM2594M-5.0	LM2598SX-5.0/NOPB	LMV431AIM5X/NOPB
LM1117IDT-ADJ/NOPB	LM2594M-5.0/NOPB	LM2598SX-ADJ/NOPB	LMV431AIMF
LM1117IDTX-3.3/J7003099	LM2594M-ADJ/NOPB	LM2598T-12/NOPB	LMV431AIMF/NOPB
LM1117IDTX-3.3/NOPB	LM2594MX-12/NOPB	LM2598T-3.3/NOPB	LMV431AIMF/S7002307
LM1117IDTX-5.0/NOPB	LM2594MX-3.3/NAK2	LM2598T-5.0/NOPB	LMV431AIMF/S7002753
LM1117IDTX-ADJ/J7002947	LM2594MX-3.3/NOPB	LM2598T-ADJ/NOPB	LMV431AIMFX
LM1117IDTX-ADJ/NOPB	LM2594MX-5.0/E7001625	LM2599S-12/NOPB	LMV431AIMFX/NOPB
LM1117ILD-ADJ/NOPB	LM2594MX-5.0/NAK2	LM2599S-3.3/NOPB	LMV431AIZ/LFT3
LM1117IMP-3.3/NOPB	LM2594MX-5.0/NOPB	LM2599S-5.0	LMV431AIZ/NOPB
LM1117IMP-5.0/NOPB	LM2594MX-ADJ/E5000199	LM2599S-5.0/NOPB	LMV431BCM5/NOPB
LM1117IMP-ADJ/NOPB	LM2594MX-ADJ/E5001477	LM2599S-ADJ	LMV431BCM5X/NOPB
LM1117IMP-ADJ/S1	LM2594MX-ADJ/NOPB	LM2599S-ADJ/NOPB	LMV431BIMF
LM1117IMPX-3.3/NOPB	LM2594N-12/NOPB	LM2599SX-12/NOPB	LMV431BIMF/NOPB
LM1117IMPX-5.0/NOPB	LM2594N-3.3/NOPB	LM2599SX-3.3/NOPB	LMV431BIMFX/NOPB
LM1117IMPX-ADJ/NOPB	LM2594N-5.0/NOPB	LM2599SX-5.0/NOPB	LMV431CM5

LM1117LD-1.8/NOPB	LM2594N-ADJ/NOPB	LM2599SX-ADJ/NOPB	LMV431CM5/NOPB
LM1117LD-2.5/NOPB	LM2595S-12	LM2599T-12/NOPB	LMV431CM5X/NOPB
LM1117LD-3.3/NOPB	LM2595S-12/NOPB	LM2599T-5.0/NOPB	LMV431CZ/NOPB
LM1117LD-ADJ/NOPB	LM2595S-3.3	LM2599T-ADJ	LMV431IM5
LM1117LDX-1.8	LM2595S-3.3/NOPB	LM2599T-ADJ/NOPB	LMV431IM5/NOPB
LM1117LDX-1.8/NOPB	LM2595S-5.0	LM321MF	LMV431IM5X/J5000362
LM1117LDX-ADJ/NOPB	LM2595S-5.0/NOPB	LM321MF/NOPB	LMV431IM5X/J7002669
LM1117MP-1.8/NOPB	LM2595S-ADJ	LM321MFX	LMV431IM5X/NOPB
LM1117MP-2.5/NOPB	LM2595S-ADJ/NOPB	LM321MFX/NOPB	TLV76012DBZR
LM1117MP-3.3/NOPB	LM2595SX-12/NOPB	LM3480IM3-12	TLV76012DBZT
LM1117MP-5.0/NOPB	LM2595SX-3.3/E5000295	LM3480IM3-12/NOPB	TLV76015DBZR
LM1117MP-ADJ/NOPB	LM2595SX-3.3/NOPB	LM3480IM3-15/NOPB	TLV76015DBZT
LM1117MPX-1.8/NOPB	LM2595SX-5.0	LM3480IM3-3.3	TLV76033DBZR
LM1117MPX-2.5/NOPB	LM2595SX-5.0/NOPB	LM3480IM3-3.3/NOPB	TLV76033DBZT
LM1117MPX-3.3	LM2595SX-ADJ	LM3480IM3-5.0	TLV76050DBZR
LM1117MPX-3.3/NOPB	LM2595SX-ADJ/J7001721	LM3480IM3-5.0/J7000604	TLV76050DBZT
LM1117MPX-5.0	LM2595SX-ADJ/NOPB		

Qualification Report

FFAB Process qualification LB300 - RLM2592B50A - LM2592HVT-5.0/NOPB

Approve Date 29-Jun-2017

Product Attributes

Attributes	Qual Device: LM2592HVT-5.0/NOPB
Assembly Site	TIEM
Package Family	TO-220
Wafer Fab Supplier	FFAB
Wafer Process	LB300

- Qual Devices qualified at LEVEL1-NACG: Devices LM2592HVT-5.0/NOPB_CL, LM2592HVT-5.0/NOPB_QL

Qualification Results

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

Type	Test Name / Condition	Duration	Qual Device: LM2592HVT-5.0/NOPB
AC	Autoclave 121C	96 Hours	3/231/0
ED	Electrical Characterization	Per Datasheet Parameters	Pass
ELFR	Early Life Failure Rate, 125C	48 Hours	30/2400/0
HAST	Biased HAST, 130C/85%RH	96 Hours	3/231/0
HBM	ESD - HBM	2500 V	3/9/0
CDM	ESD - CDM	1500 V	3/9/0
HTOL	Life Test, 125C	1000 Hours	3/231/0
HTSL	High Temp. Storage Bake, 150C	1000 Hours	3/231/0
LU	Latch-up	(per JESD78)	3/18/0
MQ	Manufacturability (Assembly)	(per mfg. Site specification)	Pass
MQ	Manufacturability (Wafer Fab)	(per mfg. Site specification)	Pass
TC	Temperature Cycle, -65/150C	500 Cycles	3/231/0
WLR	Wafer level Reliability	(per mfg. Site specification)	Pass

- 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 regional contacts shown below, or you can contact your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
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