



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**PCN20210915000.1**  
**Qualify additional Assembly sites for select SOT devices**  
**Change Notification / Sample Request**

**Date:** September 21, 2021  
**To:** Digi-Key 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.

Texas Instruments 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.

The changes discussed within this PCN will not take effect any earlier than the proposed first ship date on Page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

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 or to provide acknowledgement of this PCN, you may contact your local Field Sales Representative or the PCN Team ([PCN\\_admin\\_team@list.ti.com](mailto:PCN_admin_team@list.ti.com)). For sample requests or sample related questions, contact your local Field Sales Representative.

Sincerely,

PCN Team  
SC Business Services

**20210915000.1**  
**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.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
74AHCT1G32DBVRG4	null
74LVC1G125DBVRG4	null
74LVC1G126DBVRG4	null
74LVC1GU04DBVRG4	null
905X0205100	null
DS90LT012AHMF	null
DS90LT012AHMF/NOPB	null
DS90LT012ATMF/NOPB	null
DS90LV011AHMF/NOPB	null
DS90LV011ATMF	null
DS90LV011ATMF/NOPB	null
DS90LV011ATMFX/NOPB	null
DS90LV012ATMF	null
DS90LV012ATMF/NOPB	null
DS90LV012ATMFX/NOPB	null
DSLVD1001DBVR	null
DSLVD1001DBVT	null
ESDS302DBVR	null
ESDS304DBVR	null
ESDS312DBVR	null
ESDS314DBVR	null
INA138NA/250	null
INA138NA/250G4	null
INA138NA/3K	null
INA138NA/3KG4	null
INA139NA/250	null
INA139NA/3K	null
INA168NA/250	null
INA168NA/250G4	null
INA168NA/3K	null
INA168NA/3KG4	null
INA169NA/250	null
INA169NA/250G4	null
INA169NA/3K	null
INA180A1IDBVR	null
INA180A1IDBVT	null
INA180A2IDBVR	null
INA180A2IDBVT	null
INA180A3IDBVR	null
INA180A3IDBVT	null
INA180A4IDBVR	null
INA180A4IDBVT	null
INA180B1IDBVR	null
INA180B1IDBVT	null
INA180B2IDBVR	null
INA180B2IDBVT	null
INA180B3IDBVR	null
INA180B3IDBVT	null
INA180B4IDBVR	null
INA180B4IDBVT	null
INA183A1IDBVR	null
INA183A1IDBVT	null
INA183A2IDBVR	null
INA183A2IDBVT	null
INA183A3IDBVR	null
INA183A3IDBVT	null
INA193AIDBVR	null

INA193AIDBVT	null
INA193AIDBVTG4	null
INA194AIDBVR	null
INA194AIDBVT	null
INA194AIDBVTG4	null
INA195AIDBVR	null
INA195AIDBVT	null
INA196AIDBVR	null
INA196AIDBVT	null
INA196AIDBVTG4	null
INA197AIDBVR	null
INA197AIDBVT	null
INA197AIDBVTG4	null
INA198AIDBVR	null
INA198AIDBVT	null
INA281A1IDBVR	null
INA281A1IDBVT	null
INA281A2IDBVR	null
INA281A2IDBVT	null
INA281A3IDBVR	null
INA281A3IDBVT	null
INA281A4IDBVR	null
INA281A4IDBVT	null
INA281A5IDBVR	null
INA281A5IDBVT	null
INA281B1IDBVR	null
INA281B1IDBVT	null
INA281B2IDBVR	null
INA281B2IDBVT	null
INA281B3IDBVR	null
INA281B3IDBVT	null
INA281B4IDBVR	null
INA281B4IDBVT	null
INA281B5IDBVR	null
INA281B5IDBVT	null
INA293A1IDBVR	null
INA293A1IDBVT	null
INA293A2IDBVR	null
INA293A2IDBVT	null
INA293A3IDBVR	null
INA293A3IDBVT	null
INA293A4IDBVR	null
INA293A4IDBVT	null
INA293A5IDBVR	null
INA293A5IDBVT	null
INA293B1IDBVR	null
INA293B1IDBVT	null
INA293B2IDBVR	null
INA293B2IDBVT	null
INA293B3IDBVR	null
INA293B3IDBVT	null
INA293B4IDBVR	null
INA293B4IDBVT	null
INA293B5IDBVR	null
INA293B5IDBVT	null
LM1770SMF/NOPB	null
LM1770TMF/NOPB	null
LM2611AMF/NOPB	null
LM2611BMF/NOPB	null
LM2611BMFX/NOPB	null
LM26CIM5-HHD/NOPB	null
LM26CIM5-NPA/NOPB	null
LM26CIM5-PHA/NOPB	null
LM26CIM5-RPA/NOPB	null
LM26CIM5-SHA/NOPB	null
LM26CIM5-SPA/NOPB	null
LM26CIM5-TPA/NOPB	null
LM26CIM5-VHA/NOPB	null
LM26CIM5-VPA/NOPB	null
LM26CIM5-XHA/NOPB	null

LM26CIM5-XPA/NOPB	null
LM26CIM5-YHA/NOPB	null
LM26CIM5-YPA/NOPB	null
LM26CIM5-ZHA/NOPB	null
LM26CIM5X-TPA/NOPB	null
LM26CIM5X-VHA/NOPB	null
LM26CIM5X-ZHA/NOPB	null
LM2703MF-ADJ/NOPB	null
LM2703MFX-ADJ/NOPB	null
LM2704MF-ADJ/NOPB	null
LM2705MF-ADJ/NOPB	null
LM2705MFX-ADJ/NOPB	null
LM27313XMF/NOPB	null
LM27313XMFX/NOPB	null
LM2731XMF/NOPB	null
LM2731XMFX/NOPB	null
LM2731YMF	null
LM2731YMF/NOPB	null
LM2731YMFX/NOPB	null
LM2733XMF/NOPB	null
LM2733XMFX/NOPB	null
LM2733YMF	null
LM2733YMF/NOPB	null
LM2733YMFX/NOPB	null
LM2735XMF/NOPB	null
LM2735YMF/NOPB	null
LM2735YMFX/NOPB	null
LM2767M5	null
LM2767M5/NOPB	null
LM2767M5X/NOPB	null
LM27CIM5-1HJ/NOPB	null
LM27CIM5-2HJ/NOPB	null
LM27CIM5-ZHJ/NOPB	null
LM27CIM5X-2HJ/NOPB	null
LM2830XMF/NOPB	null
LM2830XMFX/NOPB	null
LM2830ZMF/NOPB	null
LM2831XMF/NOPB	null
LM2831YMF/NOPB	null
LM2831YMFX/NOPB	null
LM2831ZMF/NOPB	null
LM321LVIDBVR	null
LM321MF	null
LM321MF/NOPB	null
LM321MFX	null
LM3410XMF/NOPB	null
LM3410XMF/NOPB	null
LM3410YMF/NOPB	null
LM3410YMF/NOPB	null
LM3475MF/NOPB	null
LM3475MFX/NOPB	null
LM3670MF-1.2/NOPB	null
LM3670MF-1.5/NOPB	null
LM3670MF-1.8/NOPB	null
LM3670MF-1.875/NOPB	null
LM3670MF-3.3/NOPB	null
LM3670MF-ADJ/NOPB	null
LM3670MFX-1.2/NOPB	null
LM3670MFX-1.8/NOPB	null
LM3670MFX-ADJ/NOPB	null
LM3671MF-1.2	null
LM3671MF-1.2/NOPB	null
LM3671MF-1.25/NOPB	null
LM3671MF-1.375/NOPB	null
LM3671MF-1.5/NOPB	null
LM3671MF-1.6/NOPB	null
LM3671MF-1.8/NOPB	null
LM3671MF-1.875/NOPB	null
LM3671MF-2.5/NOPB	null
LM3671MF-2.8/NOPB	null

LM3671MF-3.3/NOPB	null
LM3671MF-ADJ/NOPB	null
LM3671MFX-1.2/NOPB	null
LM3671MFX-1.25/NOPB	null
LM3671MFX-1.8/NOPB	null
LM3671MFX-2.8/NOPB	null
LM3671MFX-3.3/NOPB	null
LM3671MFX-ADJ/NOPB	null
LM3674MF-1.2/NOPB	null
LM3674MF-1.5/NOPB	null
LM3674MF-1.8/NOPB	null
LM3674MF-1.875/NOPB	null
LM3674MF-ADJ/NOPB	null
LM3674MFX-1.2/NOPB	null
LM3674MFX-1.8/NOPB	null
LM3674MFX-ADJ/NOPB	null
LM3724EM5-3.08/NOPB	null
LM3724EM5-4.63/NOPB	null
LM3724IM5-2.32/NOPB	null
LM3724IM5-3.08/NOPB	null
LM3724IM5-4.63/NOPB	null
LM397MF	null
LM397MF/NOPB	null
LM397MFX/NOPB	null
LM4030AMF-2.5/NOPB	null
LM4030AMF-4.096/NOPB	null
LM4030BMF-2.5/NOPB	null
LM4030BMF-4.096/NOPB	null
LM4030CMF-2.5/NOPB	null
LM4030CMF-4.096/NOPB	null
LM4128AMF-1.8/NOPB	null
LM4128AMF-2.5/NOPB	null
LM4128AMF-3.0/NOPB	null
LM4128AMF-3.3/NOPB	null
LM4128AMF-4.1/NOPB	null
LM4128AMFX-3.3/NOPB	null
LM4128BMF-1.8/NOPB	null
LM4128BMF-2.0/NOPB	null
LM4128BMF-2.5/NOPB	null
LM4128BMF-3.0/NOPB	null
LM4128BMF-3.3/NOPB	null
LM4128BMF-4.1/NOPB	null
LM4128CMF-1.8/NOPB	null
LM4128CMF-2.0/NOPB	null
LM4128CMF-2.5/NOPB	null
LM4128CMF-3.3/NOPB	null
LM4128CMF-4.1/NOPB	null
LM4128CMFX-3.3/NOPB	null
LM4128DMF-1.8/NOPB	null
LM4128DMF-2.0/NOPB	null
LM4128DMF-2.5/NOPB	null
LM4128DMF-3.0/NOPB	null
LM4128DMF-3.3/NOPB	null
LM4128DMF-4.1/NOPB	null
LM4132AMF-1.8/NOPB	null
LM4132AMF-2.0/NOPB	null
LM4132AMF-2.5/NOPB	null
LM4132AMF-3.0/NOPB	null
LM4132AMF-3.3/NOPB	null
LM4132AMF-4.1/NOPB	null
LM4132BMF-1.8/NOPB	null
LM4132BMF-2.0/NOPB	null
LM4132BMF-2.5/NOPB	null
LM4132BMF-3.0/NOPB	null
LM4132BMF-3.3/NOPB	null
LM4132BMF-4.1/NOPB	null
LM4132BMFX-3.0/NOPB	null
LM4132BMFX-3.3/NOPB	null
LM4132CMF-1.8/NOPB	null
LM4132CMF-2.0/NOPB	null

LM4132CMF-2.5/NOPB	null
LM4132CMF-3.0/NOPB	null
LM4132CMF-3.3/NOPB	null
LM4132CMF-4.1/NOPB	null
LM4132DMF-2.5/NOPB	null
LM4132DMF-3.3/NOPB	null
LM4132EMF-2.5/NOPB	null
LM4132EMF-3.0/NOPB	null
LM4132EMF-3.3/NOPB	null
LM4132EMF-4.1/NOPB	null
LM6211MF/NOPB	null
LM71CIMF/NOPB	null
LM7301IM5	null
LM7301IM5/NOPB	null
LM7301IM5X/NOPB	null
LM7321MF/NOPB	null
LM7321MFE/NOPB	null
LM7321MFX/NOPB	null
LM7341MF/NOPB	null
LM7341MFE/NOPB	null
LM8261M5	null
LM8261M5/NOPB	null
LM8261M5X/NOPB	null
LM828M5	null
LM828M5/NOPB	null
LM828M5X/NOPB	null
LM8364BALMF20	null
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LM8364BALMFX20/NOPB	null
LM8365BALMF27/NOPB	null
LM8365BALMFX27/NOPB	null
LM8365BALMFX45/NOPB	null
LM95071CIMF	null
LM95071CIMF/NOPB	null
LM95071CIMFX/NOPB	null
LMC7101AIM5	null
LMC7101AIM5/NOPB	null
LMC7101AIM5X/NOPB	null
LMC7101BIM5	null
LMC7101BIM5/NOPB	null
LMC7101BIM5X/NOPB	null
LMC7111BIM5/NOPB	null
LMC7111BIM5X/NOPB	null
LMC7211AIM5	null
LMC7211AIM5/NOPB	null
LMC7211AIM5X/NOPB	null
LMC7211BIM5	null
LMC7211BIM5/NOPB	null
LMC7211BIM5X/NOPB	null
LMC7215IM5/NOPB	null
LMC7215IM5X/NOPB	null
LMC7221AIM5	null
LMC7221AIM5/NOPB	null
LMC7221AIM5X/NOPB	null
LMC7221BIM5/NOPB	null
LMC7221BIM5X/NOPB	null
LMC7225IM5/NOPB	null
LMC7225IM5X/NOPB	null
LMH6559MF	null
LMH6559MF/NOPB	null
LMH6609MF/NOPB	null
LMH6624MF/NOPB	null
LMH6629MFE/NOPB	null
LMH6642MF	null
LMH6642MF/NOPB	null
LMH6642MFX/NOPB	null
LMH6645MF/NOPB	null
LMH6645MFX/NOPB	null
LMH6654MF/NOPB	null
LMH6657MF/NOPB	null

LMH6702MF/NOPB	null
LMH6714MF/NOPB	null
LMH6723MF/NOPB	null
LMP2011MF	null
LMP2011MF/NOPB	null
LMP2011MFX/NOPB	null
LMP2021MF/NOPB	null
LMP2021MFE/NOPB	null
LMP2021MFX/NOPB	null
LMP2231AMF/NOPB	null
LMP2231AMFE/NOPB	null
LMP2231BMF/NOPB	null
LMP2231BMFE/NOPB	null
LMP7701MF	null
LMP7701MF/NOPB	null
LMP7701MFX/NOPB	null
LMP7707MF/NOPB	null
LMP7715MF/NOPB	null
LMP7715MFE/NOPB	null
LMP7717MF/NOPB	null
LMP7717MFE/NOPB	null
LMP7717MFX/NOPB	null
LMP7731MF/NOPB	null
LMP7731MFE/NOPB	null
LMR10510XMF/NOPB	null
LMR10510XMFE/NOPB	null
LMR10510XMFX/NOPB	null
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LMR10510YMFX/NOPB	null
LMR10515XMF/NOPB	null
LMR10515XMFE/NOPB	null
LMR10515XMFX/NOPB	null
LMR10515YMF/NOPB	null
LMR10515YMFE/NOPB	null
LMR10515YMFX/NOPB	null
LMR62014XMF/NOPB	null
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LMR62014XMFX/NOPB	null
LMR62421XMF/NOPB	null
LMR62421XMFE/NOPB	null
LMR62421XMFX/NOPB	null
LMR64010XMF/NOPB	null
LMR64010XMFE/NOPB	null
LMR64010XMFX/NOPB	null
LMV116MF/NOPB	null
LMV116MFX/NOPB	null
LMV2011MF/NOPB	null
LMV2011MFX/NOPB	null
LMV321AIDBVR	null
LMV321AUIDBVR	null
LMV321IDBVR	null
LMV321IDBVRE4	null
LMV321IDBVT	null
LMV321M5	null
LMV331IDBVR	null
LMV331IDBVRE4	null
LMV331IDBVRG4	null
LMV331IDBVT	null
LMV331M5	null
LMV331M5/NOPB	null
LMV331M5X	null
LMV331M5X/NOPB	null
LMV431ACM5/NOPB	null
LMV431ACM5X/NOPB	null
LMV431AIM5	null
LMV431AIM5/NOPB	null
LMV431AIM5X/NOPB	null
LMV431BCM5/NOPB	null
LMV431BCM5X/NOPB	null

LMV431CM5	null
LMV431CM5/NOPB	null
LMV431IM5	null
LMV431IM5/NOPB	null
LMV431IM5X/NOPB	null
LMV551MF/NOPB	null
LMV551MFX/NOPB	null
LMV611MF/NOPB	null
LMV611MFX/NOPB	null
LMV641MF/NOPB	null
LMV641MFE/NOPB	null
LMV651MF/NOPB	null
LMV651MFX/NOPB	null
LMV710M5/NOPB	null
LMV710M5X/NOPB	null
LMV7219M5	null
LMV7219M5/NOPB	null
LMV7219M5X/NOPB	null
LMV721IDBVR	null
LMV721M5/NOPB	null
LMV721M5X/NOPB	null
LMV7235M5	null
LMV7235M5/NOPB	null
LMV7235M5X/NOPB	null
LMV7239M5	null
LMV7239M5/NOPB	null
LMV7239M5X/NOPB	null
LMV7271MF	null
LMV7271MF/NOPB	null
LMV7271MFX/NOPB	null
LMV7275MF	null
LMV7275MF/NOPB	null
LMV751M5/NOPB	null
LMV793MF/NOPB	null
LMV793MFX/NOPB	null
LMV796MF/NOPB	null
LMV796MFX/NOPB	null
LMV821M5	null
LMV821M5/NOPB	null
LMV821M5X/NOPB	null
LMV931MF/NOPB	null
LMV931MFX/NOPB	null
LP2980AIM5-2.5	null
LP2980AIM5-2.5/NOPB	null
LP2980AIM5-3.0	null
LP2980AIM5-3.0/NOPB	null
LP2980AIM5-3.3	null
LP2980AIM5-3.3/NOPB	null
LP2980AIM5-4.7/NOPB	null
LP2980AIM5-5.0	null
LP2980AIM5-5.0/NOPB	null
LP2980AIM5X-2.5/NOPB	null
LP2980AIM5X-3.0/NOPB	null
LP2980AIM5X-3.3/NOPB	null
LP2980AIM5X-4.7/NOPB	null
LP2980AIM5X-5.0/NOPB	null
LP2980IM5-2.5/NOPB	null
LP2980IM5-3.0/NOPB	null
LP2980IM5-3.3	null
LP2980IM5-3.3/NOPB	null
LP2980IM5-3.8/NOPB	null
LP2980IM5-5.0	null
LP2980IM5-5.0/NOPB	null
LP2980IM5-ADJ	null
LP2980IM5-ADJ/NOPB	null
LP2980IM5X-2.5/NOPB	null
LP2980IM5X-3.0/NOPB	null
LP2980IM5X-3.3	null
LP2980IM5X-3.3/NOPB	null
LP2980IM5X-5.0/NOPB	null



LP2980IM5X-ADJ/NOPB	null
LP2981-28DBVR	null
LP2981-28DBVT	null
LP2981-30DBVR	null
LP2981-33DBVR	null
LP2981-33DBVT	null
LP2981-33DBVTE4	null
LP2981-50DBVR	null
LP2981-50DBVT	null
LP2981A-28DBVT	null
LP2981A-29DBVR	null
LP2981A-30DBVR	null
LP2981A-30DBVT	null
LP2981A-33DBVR	null
LP2981A-33DBVT	null
LP2981A-33DBVTG4	null
LP2981A-50DBVR	null
LP2981A-50DBVT	null
LP2981AIM5-2.5/NOPB	null
LP2981AIM5-3.0/NOPB	null
LP2981AIM5-3.3	null
LP2981AIM5-3.3/NOPB	null
LP2981AIM5-3.6/NOPB	null
LP2981AIM5-5.0	null
LP2981AIM5-5.0/NOPB	null
LP2981AIM5X-3.3/NOPB	null
LP2981AIM5X-5.0/NOPB	null
LP2981IM5-2.5	null
LP2981IM5-2.5/NOPB	null
LP2981IM5-3.0/NOPB	null
LP2981IM5-3.3/NOPB	null
LP2981IM5-3.6/NOPB	null
LP2981IM5-5.0/NOPB	null
LP2981IM5X-3.0/NOPB	null
LP2981IM5X-3.3/NOPB	null
LP2981IM5X-3.6/NOPB	null
LP2981IM5X-5.0/NOPB	null
LP2982AIM5-3.0/NOPB	null
LP2982AIM5-3.3/NOPB	null
LP2982AIM5-5.0/NOPB	null
LP2982AIM5X-3.0/NOPB	null
LP2982AIM5X-3.3/NOPB	null
LP2982AIM5X-5.0/NOPB	null
LP2982IM5-3.0/NOPB	null
LP2982IM5-3.3/NOPB	null
LP2982IM5-5.0/NOPB	null
LP2983AIM5-1.0/NOPB	null
LP2983AIM5-1.2/NOPB	null
LP2983AIM5X-1.2/NOPB	null
LP2983IM5-1.0/NOPB	null
LP2983IM5-1.2/NOPB	null
LP2985-10DBVR	null
LP2985-10DBVT	null
LP2985-18DBVR	null
LP2985-18DBVT	null
LP2985-25DBVR	null
LP2985-28DBVR	null
LP2985-28DBVT	null
LP2985-29DBVR	null
LP2985-30DBVR	null
LP2985-30DBVT	null
LP2985-33DBVR	null
LP2985-33DBVRG4	null
LP2985-33DBVT	null
LP2985-33DBVTE4	null
LP2985-33DBVTG4	null
LP2985-50DBVR	null
LP2985-50DBVRG4	null
LP2985-50DBVT	null
LP2985A-10DBVR	null

LP2985A-10DBVT	null
LP2985A-18DBVJ	null
LP2985A-18DBVR	null
LP2985A-18DBVT	null
LP2985A-25DBVR	null
LP2985A-25DBVT	null
LP2985A-28DBVR	null
LP2985A-28DBVT	null
LP2985A-30DBVR	null
LP2985A-33DBVR	null
LP2985A-33DBVT	null
LP2985A-33DBVTE4	null
LP2985A-33DBVTG4	null
LP2985A-50DBVR	null
LP2985A-50DBVT	null
LP2985AIM5-1.5/NOPB	null
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TLV74111PDBVR	null
TLV74115PDBVR	null
TLV741285PDBVR	null
TLV74128PDBVR	null
TLV743105PDBVR	null
TLV743285PDBVR	null
TLV75509PDBVR	null
TLV75519PDBVR	null
TLV75709PDBVR	null
TLV75710PDBVR	null
TLV75715PDBVR	null
TLV75719PDBVR	null
TLV75728PDBVR	null
TLV75729PDBVR	null
TLVH431AQDBVR	null
TLVH431BIDBVR	null
TLVH431CDBVR	null
TLVH431IDBVR	null
TLVH431QDBVR	null
TPS3123J12DBVR	null
TPS3124G15DBVR	null
TPS3124J12DBVR	null
TPS3124J18DBVR	null
TPS3125G15DBVR	null
TPS613223ADBVR	null
TPS709135DBVR	null

TPS70915DBVR	null
TPS70916DBVR	null
TPS70919DBVT	null
TPS70938DBVR	null
TPS709A30DBVR	null
TPS72201DBVT	null
TPS73131DBVR	null
TPS73216DBVT	null
TPS76132DBVR	null
TPS76327DBVR	null
TPS76338DBVR	null
TPS77015DBVR	null
TPS77027DBVR	null
TPS79228DBVR	null
TPS7A0510PDBVR	null
TPS7A0512PDBVR	null
TPS7A0522PDBVR	null
TPS7A0525PDBVR	null
TPS7A05285PDBVR	null
TPS7A0531PDBVR	null
TPS92411PDBVR	null
TS5A4596DBVR	null
UCC24650DBVR	null

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

<b>PCN Number:</b>	20210915000.1	<b>PCN Date:</b>	September 21, 2021
<b>Title:</b>	Qualify additional Assembly sites for select SOT devices		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Proposed 1<sup>st</sup> Ship Date:</b>	Dec 20, 2021	<b>Estimated Sample Availability:</b>	Provided upon Request
<b>Change Type:</b>			
<input checked="" type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet
<input checked="" type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input checked="" type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process
<b>PCN Details</b>			
<b>Description of Change:</b>			
Texas Instruments Incorporated is announcing the qualification of additional Assembly sites for devices listed below in the product affected section. Construction differences and current assembly sites are as follows:			
<b>SOT-23 (DBV)</b>			
Assembly Sites	TIPI, ASEWH, HFTF, HNA, TFME, TIEM, CDAT		
Lead Finish	NiPdAu; NiPdAuAg; Matte Sn		
Mount compound	400180		
	A-03		
	4213245		
	400194		
Mold Compound	4207123		
	R-27		
	8097131		
	R-13		
	450413		
Mold Compound	R-04		
	450042		
	4222198		
Upon expiration of this PCN, TI will combine lead free solutions in a single <b><u>standard part number</u></b> , for example; <b><u>INA193AIDBVR</u></b> – can ship with both Matte Sn and NiPdAu. When available customers may specify NiPdAu finish by ordering the part with the G4 suffix, e.g. <b><u>INA193AIDBVRG4.</u></b>			
<b>Reason for Change:</b>			
Continuity of Supply			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>			
None			
<b>Impact on Environmental Ratings</b>			


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
<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change

**Changes to product identification resulting from this PCN:**

Assembly Site		
TI Philippines (TIPI)	Assembly Site Origin (22L)	ASO: PHI
ASEWH	Assembly Site Origin (22L)	ASO: AWH
HFTF	Assembly Site Origin (22L)	ASO: HFT
HNA	Assembly Site Origin (22L)	ASO: HNT
TFME	Assembly Site Origin (22L)	ASO: NFM
<a href="#">TI Chengdu (CDAT)</a>	Assembly Site Origin (22L)	<a href="#">ASO: CDA</a>
<a href="#">TI Melaka (TIEM)</a>	Assembly Site Origin (22L)	<a href="#">ASO: CU6</a>


Sample product shipping label (not actual product label)



MADE IN: Malaysia  
2DC: 2Q:

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

OPT:  
ITEM: 39  
LBL: 5A (L)TO:1750



E4/G4: NiPdAu  
E3/G3: Matte Sn

(1P) SN74LS07NSR  
(Q) 2000 (D) 0336  
(31T) LOT: 3959047MLA  
(4W) TKY (1T) 7523483SI2  
(P)  
(2P) REV: (V) 0033317  
(20L) CSO: SHE (21L) CCO:USA  
(22L) ASO: MLA (23L) ACO: MYS

**Product Affected:**

Refer to page 2 of this document to view your affected products

## DBV (SOT-23) Qualification Report

### Qualification Results

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

	Stress Test	Duration	PHI TPS76933DBV	CDAT TLV9061IDBV
TC	Temperature Cycling -65/150C	500 Cycles	3/231/0	3/231/0
HAST	Biased HAST 130C/85%RH	96 hours	3/231/0	3/231/- (Note a)
HTSL	High Temp. Storage Bake 170C	420 hours	3/231/0	3/231/0
UHAST	Unbiased HAST, 130C/85%RH	96 hours	-	3/231/0
AC	Autoclave 121C	96 hours	3/231/0	-
SD	Solderability	8 Hour Steam age or 155C Dry Bake	3/66/0	3/66/0



	Stress Test	Duration	PHI TPS76933DBV	CDAT TLV9061IDBV
MQ	Manufacturability	-	Pass	Pass

	Stress Test	Duration	TFME SN74AHC1G14DBV	HNA INA293A1IDBV
TC	Temperature Cycling -65/150C	500 Cycles	3/231/0	3/231/0
HAST	Biased HAST 130C/85%RH	96 hours	3/231/0	3/231/0
HTSL	High Temp. Storage Bake 170C	420 hours	3/231/0	3/231/0
UHAST	Unbiased HAST, 130C/85%RH	96 hours	-	3/231/0
AC	Autoclave 121C	96 hours	3/231/0	-
SD	Solderability	8 Hour Steam age or 155C Dry Bake	3/66/0	3/66/0 (SN74LVC1GU04DBV)
MQ	Manufacturability	-	Pass	Pass

	Stress Test	Duration	TIEMA DAC121S101CIMK	HFTAT TLV70333DBV	ASEWH TL431CDBV
TC	Temperature Cycling -65/150C	500 Cycles	-	3/231/0	3/231/0
TC	Temperature Cycling -55/150C	1000 Cycles	3/231/0	-	-
HAST	Biased HAST 130C/85%RH	96 hours	-	3/231/0	3/231/0
THB	Temperature Humidity Bias 85C/85%RH	1000 hours	3/231/0	-	-
HTSL	High Temp. Storage Bake 150C	1000 hours	3/231/0	-	3/231/0
HTSL	High Temp. Storage Bake 170C	420 hours	-	3/231/0	-
UHAST	Unbiased HAST, 130C/85%RH	96 hours	-	3/231/0	-
AC	Autoclave 121C	96 hours	3/231/0	-	3/231/0
SD	Solderability	8 Hour Steam age or 155C Dry Bake	3/66/0 (LM2660MM/NOPB)	3/66/0 (TLV74333PDBV)	3/66/0
MQ	Manufacturability	-	Pass	Pass	Pass

All qualification devices in the tables are qualified at L1-260C MSL rating.

Note a – Data collection in progress. Data will be made available upon request after completion.

- Preconditioning was performed for Autoclave, Unbiased HAST, THB/Biased HAST, Temperature Cycle, and HTSL, as applicable

- The following are equivalent HTSL options based on activation energy of 0.7eV: 150C/1k Hours, and 170C/420 Hours  
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 your local Field Sales Representative.

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Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
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