



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20250819001.1
Qualification of a new BOM materials for select devices
Change Notification / Sample Request

Date: August 19, 2025

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 60 days of the date of this notice. Lack of acknowledgement of this notice within 60 days constitutes acceptance and approval of this change. If samples or additional data are required, requests must be received within 60 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 change management team.

For sample requests or sample related questions, contact your local Field Sales Representative.

TI values customer engagement and feedback related to TI changes. Customers should contact TI if there are questions or concerns regarding a change notification.

Sincerely,

Change Management Team
SC Business Services

20250819001.1
Change Notification / Sample Request
Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
DS90LV110TMTX/NOPB	
LM5121MHE/NOPB	
LM20134MH/NOPB	
LMP90100MH/NOPB	
LMV774MT/NOPB	
LPV324MTX/NOPB	
LMV824MTX/NOPB	
LMP90080MHX/NOPB	
LMV614MTX/NOPB	
ADC1173CIMTCX/NOPB	
LM5121MH/NOPB	
LM5025AMTCX/NOPB	
DSLVD51047PWT	
LM2655MTCX-ADJ/NOPB	
TPS92641PWPT/NOPB	
LM20154MHE/NOPB	
ADC08100CIMTC/NOPB	
LM5088MHX-2/NOPB	
LM2853MH-1.2/NOPB	
LM5642MH/NOPB	
LM5576MHX/NOPB	
LM20343MHX/NOPB	
ADC78H90CIMTX/NOPB	
ADC128D818CIMTX/NOPB	
LM3406HVMH/NOPB	
LM20333MHE/NOPB	
LM5161PWPR	
ADC10065CIMT/NOPB	
LM5071MT-80/NOPB	
LM2653MTCX-ADJ/NOPB	
LM25116MHX/NOPB	
DS90LV049HMTX/NOPB	
DS90LV049TMT/NOPB	
LM20143MHX/NOPB	
LM3492MHX/NOPB	
LM5117PMH/NOPB	
LM20242MHX/NOPB	
ADC10065CIMTX/NOPB	
LM20133MH/NOPB	
LMP91051MTX/NOPB	
LM25575MHX/NOPB	
ADC10040CIMTX/NOPB	
LM5072MHX-80/NOPB	
LM5117PMHE/NOPB	
ADC128S102CIMT/NOPB	
ADC088S052CIMT/NOPB	
DAC108S085CIMT/NOPB	

DS90LV019TMTX/NOPB	
LM2854MHX-1000/NOPB	
LM2852YMXA-2.5/NOPB	
LMP2234AMTE/NOPB	
LPV324MT/NOPB	
LMV324MT/NOPB	
LM2655MTC-3.3/NOPB	
LM2854MH-500/NOPB	
LM3406MH/NOPB	
LM81CIMTX-3/NOPB	
LM25088MHX-1/NOPB	
LMV654MT/NOPB	
LM2653MTC-ADJ/NOPB	
LMP90100MHX/NOPB	
LMV614MTX/NOPB	
DS90LV047ATMTC/NOPB	
LM4838MTEX/NOPB	
LMP2014MT/NOPB	
LM2651MTCX-3.3/NOPB	
TPS92641PWPR/NOPB	
LM5575MH/NOPB	
LM2694MT/NOPB	
LM20143MHE/NOPB	
ADC78H90CIMT/NOPB	
LM25575MHX/NOPB	
DS90LV110ATMT/NOPB	
LM5000-3MTCX/NOPB	
LM2852YMXAX-1.2/NOPB	
LM20242MHE/NOPB	
LM20133MHE/NOPB	
ADC08200CIMTX/NOPB	
LM2852YMXA-1.2/NOPB	
LM25037MTX/NOPB	
LM2902MTX/NOPB	
LM3429MHX/NOPB	
LM2852YMXA-3.3/NOPB	
LM5088MH-2/NOPB	
LM20144MHX/NOPB	
LM25115AMTX/NOPB	
LM2737MTCX/NOPB	
ADC08200CIMT/NOPB	
LMP7704MTX/NOPB	
LM25118MHX/NOPB	
LM5122MHX/NOPB	
LM5010MHX/NOPB	
ADC08L060CIMT/NOPB	
LM25576MHX/NOPB	
LM25005MHX/NOPB	
LM25575MH/NOPB	
LM2852XMXA-1.8/NOPB	
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ADC08200CIMT/NOPB	
ADC128S052CIMT/NOPB	
LM20143MHX/NOPB	
LM96000CIMTX/NOPB	
LM26420XMH/NOPB	
DAC088S085CIMTX/NOPB	

LM2852XMXX-1.2/NOPB	
LM3102MH/NOPB	
LM20134MHE/NOPB	
LM5116MH/NOPB	
DSLVD51048PWR	
LMP90098MHE/NOPB	
LMP90080MHE/NOPB	
ADC128S052CIMTX/NOPB	
TPS92690PWR/NOPB	
LMH6503MT/NOPB	
LM5117PMHX/NOPB	
LM3100MHX/NOPB	
LM5118MHX/NOPB	
LM5000-3MTC/NOPB	
LM2653MTCX-ADJ/NOPB	
LM2854MH-1000/NOPB	
LM20144MHE/NOPB	
LM2696MXAX/NOPB	
LMP7704MT/NOPB	
LM20136MH/NOPB	
LM5642XMH/NOPB	
LM3150MH/NOPB	
LM25037MTX/NOPB	
LM5115AMT/NOPB	
LM20125MHX/NOPB	
LM5642XMHX/NOPB	
LMP92066PWR	
DS90LV110TMTC/NOPB	
LM5035CMHX/NOPB	
LMK00804BPWR	
LM25010MHX/NOPB	
LM20133MH/NOPB	
LMV824MTX/NOPB	
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LM3423MHX/NOPB	
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LMP91200MTX/NOPB	
LMP90099MHE/NOPB	
LMK00725PW	
LM5115MTCX/NOPB	
LM26400YMHX/NOPB	
LM20133MHX/NOPB	
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LM5642XMTX/NOPB	
LMV774MTX/NOPB	
TPS92690PWP/NOPB	
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LM25118MH/NOPB	
LMV774MTX/NOPB	
LM25005MH/NOPB	
LP324MTX/NOPB	

LM324MTX/NOPB	
LM5642MTCX/NOPB	
LMV339MTX/NOPB	
LM3103MHX/NOPB	
TDC1000PW	
ADC128S102CIMT/NOPB	
LM3423MH/NOPB	
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LM20154MHX/NOPB	
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LM2642MTCX/NOPB	
LM25010MH/NOPB	
LMK00725PWR	
ADC128S022CIMTX/NOPB	
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LM5041AMTCX/NOPB	
DS90LV047ATMTCX/NOPB	
LMV604MTX/NOPB	
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LM2852XMXA-1.5/NOPB	
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LM5576MH/NOPB	
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LM5088MH-1/NOPB	
LM2743MTC/NOPB	
LM5045MH/NOPB	
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LM5070MTC-50/NOPB	
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LMP7709MTX/NOPB	
LM26001MXA/NOPB	
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LM2852YMXA-1.5/NOPB	
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LM324MTX/NOPB	
LM5041BMTCX/NOPB	
LM2695MH/NOPB	
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LMV854MTX/NOPB	
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ADC1173CIMTC/NOPB	
LM5575MHX/NOPB	
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LMP90080MH/NOPB	
LM5088MHX-1/NOPB	

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LM25116MHX/NOPB	
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ADC78H90CIMT/NOPB	
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LMH0202MT/NOPB	
LM25117PMHE/NOPB	
LM2642MTC/NOPB	
ADC10080CIMT/NOPB	
ADC128D818CIMTX/NOPB	
LM25010MH/NOPB	
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LM2852XMXA-1.2/NOPB	
DS90LV031ATMTX/NOPB	
LM5115MTC/NOPB	

LM2737MTC/NOPB	
LM25575MH/NOPB	
LM25576MH/NOPB	
LMH6644MT/NOPB	
DS90LV049TMT/NOPB	
LM2694MTX/NOPB	
LMK00804BPW	
TPS92640PWP/NOPB	
LM5005MHX/NOPB	
LM5025AMTCX/NOPB	
LM2651MTC-ADJ/NOPB	
LMH1981MTX/NOPB	
LM2853MHX-1.2/NOPB	
LMH1251MT/NOPB	
LMH0346MH/NOPB	
DSLVD51047PWR	
LM3447MTX/NOPB	
LMH1981MT/NOPB	
LM5072MH-80/NOPB	
DAC108S085CIMTX/NOPB	
LM2737MTC/NOPB	
ADC128D818CIMT/NOPB	
LM5116MH/NOPB	
LM20124MHE/NOPB	
LM2854MH-500/NOPB	
LM3102MHX/NOPB	
LMV844MT/NOPB	
LM5045MHX/NOPB	
LMK00804BPW	
LM2852XMXA-3.3/NOPB	
DS90LV031ATMTC/NOPB	
LM5010AMHX/NOPB	
LMP2234BMT/NOPB	
LM25116MH/NOPB	
DS90LV049HMT/NOPB	
DSLVD51047PWT	
LMP90097MHX/NOPB	
DAC088S085CIMT/NOPB	
LM2717MT-ADJ/NOPB	
LM25088MH-1/NOPB	
ADC088S022CIMT/NOPB	
LM3429MH/NOPB	
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LM5117PMHX/NOPB	
LM3103MHX/NOPB	
DAC128S085CIMT/NOPB	
LM2853MH-1.8/NOPB	
LMP90097MHE/NOPB	
LM20123MHE/NOPB	
LM5066IPMHE/NOPB	
LM25117PMHX/NOPB	
LM3492MHX/NOPB	
LM3450MTX/NOPB	
LM20145MH/NOPB	
LM20146MH/NOPB	
LM20124MH/NOPB	
LM3421MH/NOPB	
LMP2014MT/NOPB	

LM20242MH/NOPB	
LMH6644MTX/NOPB	
LMP7704MTX/NOPB	
LM20125MH/NOPB	
LM20145MHE/NOPB	
LM3406MHX/NOPB	
ADC128S102CIMTX/NOPB	
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LM3150MHE/NOPB	
LM2743MTCX/NOPB	
ADC128D818CIMT/NOPB	
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LMV344MTX/NOPB	
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LM25118MHE/NOPB	
LM3421MHX/NOPB	
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LM3150MHE/NOPB	
LPV324MTX/NOPB	
DS90LV049TMTX/NOPB	
LMV934MT/NOPB	
ADC088S102CIMTX/NOPB	
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LM5071MTX-80/NOPB	
DS90LV047ATMTC/NOPB	
LMH6503MTX/NOPB	
TPS92641PWP/NOPB	
LM5122MH/NOPB	
LMK00804BPWR	
ADC10080CIMTX/NOPB	

LM25576MHX/NOPB	
ADC08060CIMTX/NOPB	
LM5005MH/NOPB	
LMP90078MHX/NOPB	
LM3150MHX/NOPB	
LM3431MH/NOPB	
LM20146MHE/NOPB	
LME49743MTX/NOPB	
LMV604MTX/NOPB	

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

PCN Number:	20250819001.1			PCN Date:	August 19, 2025												
Title:	Qualification of a new BOM materials for select devices																
Customer Contact:	Change Management team		Dept:	Quality Services													
Proposed 1st Ship Date:	November 17, 2025		Sample requests accepted until:	October 18, 2025													
*Sample requests received after October 18, 2025 will not be supported.																	
Change Type:																	
☐	Assembly Site	☐	Design	☐	Wafer Bump Material												
☒	Assembly Process	☐	Data Sheet	☐	Wafer Bump Process												
☒	Assembly Materials	☐	Part number change	☐	Wafer Fab Site												
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Material												
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Process												
PCN Details																	
Description of Change:																	
This PCN is to inform of the qualification of new BOM options for select devices as follows:																	
<table border="1"> <thead> <tr> <th></th> <th>Current</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>Wire diam/type</td> <td>1.0mil/1.3mil Au</td> <td>1.0mil/1.3mil Cu</td> </tr> <tr> <td>Mount compound</td> <td>8075531</td> <td>4211470</td> </tr> <tr> <td>Mold compound</td> <td>8095181</td> <td>4228573</td> </tr> </tbody> </table>							Current	Proposed	Wire diam/type	1.0mil/1.3mil Au	1.0mil/1.3mil Cu	Mount compound	8075531	4211470	Mold compound	8095181	4228573
	Current	Proposed															
Wire diam/type	1.0mil/1.3mil Au	1.0mil/1.3mil Cu															
Mount compound	8075531	4211470															
Mold compound	8095181	4228573															
Reason for Change:																	
Continuity of supply. 1) To align with world technology trends and use wiring with enhanced mechanical and electrical properties 2) Maximize flexibility within our Assembly/Test production sites. 3) Cu is easier to obtain and stock																	
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.																	
<table border="1"> <thead> <tr> <th>RoHS</th> <th>REACH</th> <th>Green Status</th> <th>IEC 62474</th> </tr> </thead> <tbody> <tr> <td>☒ No Change</td> <td>☒ No Change</td> <td>☒ No Change</td> <td>☒ No Change</td> </tr> </tbody> </table>						RoHS	REACH	Green Status	IEC 62474	☒ No Change	☒ No Change	☒ No Change	☒ No Change				
RoHS	REACH	Green Status	IEC 62474														
☒ No Change	☒ No Change	☒ No Change	☒ No Change														
Changes to product identification resulting from this PCN:																	
None																	
Product Affected:																	
Pls refer to page 2																	

Qualification Report

Approve Date 30-June-2025

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: LMP7704MT/NOPB	Qual Device: LMH0346MH/NOPB	QBS Reference: LM5576QMH/NOPB	QBS Reference: LM5118Q1MH/NOPB
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	3/231/0	-
UHA	A3	Autoclave/UHA	121C/15psig Or 130C/85%RH	96 Hours	3/231/0	-	3/231/0	3/231/0
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	3/231/0	3/231/0	3/231/0	3/231/0
HTSL	A6	High Temperature Storage Life	170C	420 Hours	3/231/0	-	3/135/0	3/135/0
HTOL	B1	Life Test	125C	1000 Hours	-	-	1/77/0	-
SD	C3	PB-Free Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes); PB-Free Solder;	-	3/66/0	3/66/0	-	-
FTY	E6	Final Test Yield	-	-	3/3/0	3/3/0	-	-

QBS: Qual By Similarity, also known as Generic Data

Qual Device LMP7704MT/NOPB is qualified at MSL1 260C

Qual Device LMH0346MH/NOPB is qualified at MSL3 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/>

TI Qualification ID: R-CHG-2401-019

In performing change qualifications, Texas Instruments follows integrated circuit industry standards in performing defect mechanism analysis and failure mechanism-based accelerated environmental testing to ensure wafer fab process, assembly process and product quality and reliability. As encouraged by these standards, TI uses both product-specific and generic (family) data in qualifying its changes. For devices to be categorized as a 'product qualification family' for generic data purposes, they must share similar product, wafer fab process and assembly process elements. The applicability of generic data (also known at TI as Qualification by Similarity (QBS)) is determined by the Reliability Engineering function following these industry standards. Generic data is shown in the qualification report in columns titled "QBS Process" (for wafer fab process), "QBS Package" (for assembly process) and "QBS Product" (for product family).

For questions regarding this notice, e-mails can be sent to Change Management team or your local Field Sales Representative.

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