



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20250630001.1
Qualify New Assembly Material set for Selected Device(s)
Change Notification / Sample Request

Date: June 30, 2025
To: Newark/Farnell 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 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

20250630001.1
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
SN74AVCB164245VR	NULL

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

PCN Number:	20250630001.1			PCN Date:	June 30, 2025
Title:	Qualify New Assembly Material set for Selected Device(s)				
Customer Contact:	Change Management team		Dept:	Quality Services	
Proposed 1st Ship Date:	September 28, 2025		Sample requests accepted until:	August 29, 2025	
*Sample requests received after August 29, 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:					
Texas Instruments is pleased to announce the qualification of new assembly material for devices listed in "Product affected" section below. Devices will remain in current assembly facility and piece part changes as follows:					
Group 1					
	Current	Proposed			
Mount compound	4042500	4147858			
Group 2					
	Current	Proposed			
Mount compound	4042500	4147858			
Mold compound	4206193	4211471			
Reason for Change:					
Continuity of supply.					
Current mount compound will stop production September 2025 by the supplier.					
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:					
None					
Group 1 Product Affected:					
SN74ACT16245QDLREP	CALVCH16245MDLREP	V62/04662-02ZE	PCM1753GDBQ.B		
SN74ACT16245QDLREP.A	V62/04763-02XE	SN74LVTH244AQDBREP	PCM1753GDBQR		
V62/03601-01XE	CLVTH162245MDLREP	V62/03667-01XE	PCM1753GDBQR.B		
SN74ACT16373QDLREP	V62/04709-02YE	SN74LVTH273MNSREP	SN1301037NSR		
SN74ACT16373QDLREP.A	SN74LVTH245AMDBREP	CLVTH273MNSREPG4	SN1301037NSR.B		

V62/03602-01XE	V62/04723-02YE	V62/04674-02YE	TL441MNSREP
SN74ACT16374QDLREP	CLVTH162373MDLREP	MAX3221MDBREP	TL441MNSREP.A
SN74ACT16374QDLREP.A	V62/06654-01XE	MAX3221MDBREP.A	V62/05603-01XE
V62/03603-01XE	CLVTH16244AQLREP	V62/06642-01XE	TLC2543MDBREP
CALVC164245IDLREP	V62/04601-01XE	MAX3223MDBREP	TLC2543MDBREP.A
V62/05612-01XE	CLVTH16245AQLREP	MAX3223MDBREP.A	V62/03614-02YE
SN65LV1023AMDBREP	V62/04602-01XE	V62/06635-01XE	TLC5949DBQR
SN65LV1023AMDBREP.A	SN74ABT244AMDBREP	MAX3232MDBREP	TLC5949DBQR.B
V62/06677-01XE	V62/06667-01XE	MAX3232MDBREP.A	TLV1548QDBREP
SN65LV1224BMDREP	SN74ABT245BMDREP	V62/06623-01XE	TLV1548QDBREP.A
SN65LV1224BMDREP.A	V62/04738-01XE	MAX3243MDBREP	V62/04618-01XE
V62/06677-02XE	CDC2351MDBREP	MAX3243MDBREP.A	TMP400SNAIDBQR
CALVCH16245IDLREP	V62/04757-01XE	V62/06624-01XE	TMP400SNAIDBQR.A
V62/04763-01XE	SN74LVC373AMDBREP	PCM1753GDBQ	

Group 2 Product Affected:

74LVC16245ADGVR-P	SN74CB3Q16244DGVR.B	SN74LVCZ16244ADGVR	PCA9539DGVR.A
74LVC16245ADGVR-P.B	SN74CB3Q16245DGVR	SN74LVCZ16244ADGVR.B	PCA9544ADGVR
LMV824NDGVR	SN74CB3Q16245DGVR.B	SN74LVCZ16245ADGVR	PCA9544ADGVR.A
LMV824NDGVR.A	SN74CB3Q16811DGVR	SN74LVCZ16245ADGVR.B	PCA9546ADGVR
MPD23703DGVR	SN74CB3Q16811DGVR.B	SN74LVT162240DGVR	PCA9546ADGVR.A
MPD23815DGVR	SN74CB3Q3125DGVR	SN74LVT162240DGVR.B	PCA9548ADGVR
MSP430F1101AIDGVR	SN74CB3Q3125DGVR.B	SN74LVT162244ADGVR	PCA9548ADGVR.A
MSP430F1101AIDGVR.A	SN74CB3Q3244DGVR	SN74LVT162244ADGVR.B	PCA9554ADGVR
MSP430F1101AIDGVR.B	SN74CB3Q3244DGVR.B	SN74LVT16244BDGVR	PCA9554ADGVR.A
MSP430F1121AIDGVR	SN74CB3Q3245DGVR	SN74LVT16244BDGVR.B	PCA9554DGVR
MSP430F1121AIDGVR.A	SN74CB3Q3245DGVR.B	SN74LVT16245BDGVR	PCA9554DGVR.A
MSP430F1121AIDGVR.B	SN74CB3Q3251DGVR	SN74LVT16245BDGVR.B	PCA9555DGVR
MSP430F2101IDGV	SN74CB3Q3251DGVR.B	SN74LVTH16244ADGVR	PCA9555DGVR.A
MSP430F2101IDGV.B	SN74CB3Q3253DGVR	SN74LVTH16244ADGVR.B	PCA9557DGVR
MSP430F2101TDGV	SN74CB3Q3253DGVR.B	SN74LVTH16245ADGVR	PCA9557DGVR.A
MSP430F2101TDGV.B	SN74CB3Q3257DGVR	SN74LVTH16245ADGVR.B	PCF8574ADGVR
MSP430F2111IDGV	SN74CB3Q3257DGVR.A	SN74LVTH2245DGVR	PCF8574ADGVR.A
MSP430F2111IDGV.B	SN74CB3Q3257DGVR.B	SN74LVTH2245DGVR.B	PCF8574DGVR
MSP430F2121IDGV	SN74CB3Q3345DGVR	SN74S1053DGVR	PCF8574DGVR.A
MSP430F2121IDGV.B	SN74CB3Q3345DGVR.B	SN74S1053DGVR.A	PCF8575CDGVR
MSP430F2131IDGV	SN74CB3Q3384ADGVR	SN74VMEH22501ADGVR	PCF8575CDGVR.A
MSP430F2131IDGV.B	SN74CB3Q3384ADGVR.B	SN74VMEH22501ADGVR.B	PCF8575DGVR
MSP430F2131TDGV	SN74CB3Q6800DGVR	SN74VMEH22501DGVR	PCF8575DGVR.A
MSP430F2131TDGV.B	SN74CB3Q6800DGVR.B	SN74VMEH22501DGVR.B	SN74ABT16823DGVR
SN206021ADGVR	SN74CB3T16210DGVR	TS3A5017DGVR	SN74ABT16823DGVR.B
SN206021ADGVR.A	SN74CB3T16210DGVR.B	TS3A5017DGVR.B	SN74ABT245BDGVRG4
SN74ABT162244DGVR	SN74CB3T16211DGVR	TS3A5018DGVR	SN74ABT245BDGVRG4.B
SN74ABT162244DGVR.B	SN74CB3T16211DGVR.B	TS3A5018DGVR.B	SN74AHC16240DGVR
SN74ABT16240ADGVR	SN74CB3T3125DGVR	TS3DV416DGVR	SN74AHC16240DGVR.A
SN74ABT16240ADGVR.B	SN74CB3T3125DGVR.B	TS3DV416DGVR.B	SN74AHC16244DGVR
SN74ABT16241ADGVR	SN74CB3T3245DGVR	TS3DV421DGVR	SN74AHC16244DGVR.A

SN74ABT16241ADGVR.B	SN74CB3T3245DGVR.A	TS3DV421DGVR.A	SN74AHC16373DGVR
SN74ABT16244ADGVR	SN74CB3T3245DGVR.B	TS3L100DGVR	SN74AHC16373DGVR.A
SN74ABT16244ADGVR.B	SN74CB3T3253DGVR	TS3L100DGVR.B	SN74AHC16374DGVR
SN74ABT16245ADGVR	SN74CB3T3253DGVR.B	TS3L110DGVR	SN74AHC16374DGVR.A
SN74ABT16245ADGVR.B	SN74CB3T3257DGVR	TS3L110DGVR.B	SN74AHC16541DGVR
SN74ABT245BDGVR	SN74CB3T3257DGVR.B	TS3L301DGVR	SN74AHC16541DGVR.A
SN74ABT245BDGVR.B	SN74CB3T3383DGVR	TS3L301DGVR.B	SN74AHC4066DGVR
SN74ABTH16245DGVR	SN74CB3T3383DGVR.B	TS3V330DGVR	SN74AHC4066DGVR.A
SN74ABTH16245DGVR.B	SN74CBT16210CDGVR	TS3V330DGVR.B	SN74AHCT245DGVR
SN74AHC00DGVR	SN74CBT16210CDGVR.B	TS3V340DGVR	SN74AHCT245DGVR.A
SN74AHC00DGVR.A	SN74CBT16211CDGVR	TS3V340DGVR.B	SN74AHCT367DGVR
SN74AHC02DGVR	SN74CBT16211CDGVR.B	74ACT16245DLR	SN74AHCT367DGVR.A
SN74AHC02DGVR.A	SN74CBT16212CDGVR	74ACT16245DLR.A	SN74AHCT540DGVR
SN74AHC04DGVR	SN74CBT16212CDGVR.B	74ACT16245DLRG4	SN74AHCT540DGVR.A
SN74AHC04DGVR.A	SN74CBT16233DGVR	74ACT16373DLR	SN74AHCT541DGVR
SN74AHC08DGVR	SN74CBT16233DGVR.B	74ACT16373DLR.A	SN74AHCT541DGVR.A
SN74AHC08DGVR.A	SN74CBT16244CDGVR	74ACT16373DLRG4	SN74AHCT573DGVR
SN74AHC123ADGVR	SN74CBT16244CDGVR.B	74ACT16374DLR	SN74AHCT573DGVR.A
SN74AHC123ADGVR.A	SN74CBT16245CDGVR	74ACT16374DLR.A	SN74AHCT574DGVR
SN74AHC123ADGVRE4	SN74CBT16245CDGVR.B	74ACT16374DLRG4	SN74AHCT574DGVR.A
SN74AHC125DGVR	SN74CBT16390DGVR	74LVCH16T245DGVRG4	SN74ALVC125DGVR
SN74AHC125DGVR.A	SN74CBT16390DGVR.B	74LVCH16T245DGVRG4.B	SN74ALVC125DGVR.B
SN74AHC126DGVR	SN74CBT3244CDGVR	74LVTH162373DLRG4	SN74ALVC125DGVRG4
SN74AHC126DGVR.A	SN74CBT3244CDGVR.B	74LVTH162373DLRG4.B	SN74ALVC125DGVRG4.B
SN74AHC132DGVR	SN74CBT3245CDGVR	74VMEH22501ADGVRG4	SN74ALVC126DGVR
SN74AHC132DGVR.A	SN74CBT3245CDGVR.B	74VMEH22501ADGVRG4.B	SN74ALVC126DGVR.B
SN74AHC138DGVR	SN74CBT3384CDGVR	74VMEH22501DGVRG4	SN74ALVC126DGVRG4
SN74AHC138DGVR.A	SN74CBT3384CDGVR.B	74VMEH22501DGVRG4.B	SN74ALVC126DGVRG4.B
SN74AHC139DGVR	SN74CBT6800CDGVR	CDC2351DB	SN74ALVC244DGVR
SN74AHC139DGVR.A	SN74CBT6800CDGVR.B	CDC2351DB.B	SN74ALVC244DGVR.B
SN74AHC14DGVR	SN74CBT6800CDGVRE4	CDC2351DBR	SN74ALVC244DGVRG4
SN74AHC14DGVR.A	SN74CBTD16211DGVR	CDC2351DBR.B	SN74ALVC244DGVRG4.B
SN74AHC157DGVR	SN74CBTD16211DGVR.A	CLVCH16T245MDGVREP	SN74ALVC245DGVR
SN74AHC157DGVR.A	SN74CBTD3384CDGVR	V62/09605-01YE	SN74ALVC245DGVR.B
SN74AHC244DGVR	74CBTD3384CDGVRE4	CLVTH16244AIDGVREP	SN74ALVC32DGVRG4
SN74AHC244DGVR.A	74CBTD3384CDGVRG4	V62/04601-02ZE	SN74ALVC32DGVRG4.B
SN74AHC245DGVR	SN74CBTD3384CDGVR.B	CVMEH22501AIDGVREP	SN74AVC16244DGVRG4
SN74AHC245DGVR.A	SN74CBTLV16210VR	V62/05606-01YE	SN74AVC16244DGVRG4.B
SN74AHC273DGVR	SN74CBTLV16210VR.B	SN65LV1023ADB	SN74AVC16245DGVRG4
SN74AHC273DGVR.A	SN74CBTLV16211VR	SN65LV1023ADB.A	SN74AVC16245DGVRG4.B
SN74AHC32DGVR	SN74CBTLV16211VR.B	SN65LV1023ADB1G4	SN74AVC16334DGVRG4
SN74AHC32DGVR.A	SN74CBTLV16212VR	SN65LV1023ADB1G4.A	SN74AVC16334DGVRG4.B
SN74AHC373DGVR	SN74CBTLV16212VR.B	SN65LV1023ADBR	SN74AVC16373DGVRG4
SN74AHC373DGVR.A	SN74CBTLV16292VR	SN65LV1023ADBR.A	SN74AVC16373DGVRG4.B
SN74AHC540DGVR	SN74CBTLV16292VR.B	SN65LV1224BDB	SN74AVC16374DGVRG4
SN74AHC540DGVR.A	SN74CBTLV16800VR	SN65LV1224BDB.A	SN74AVC16374DGVRG4.B

SN74AHC541DGVR	SN74CBTLV16800VR.B	SN65LV1224BDBG4	SN74AVC16827DGVRG4
SN74AHC541DGVR.A	SN74CBTLV3125DGVR	SN65LV1224BDBR	SN74AVC16827DGVRG4.B
SN74AHC573DGVR	SN74CBTLV3125DGVR.B	SN65LV1224BDBR.A	SN74AVC8T245DGVRG4
SN74AHC573DGVR.A	SN74CBTLV3126DGVR	SN74ABT244ADB	SN74AVC8T245DGVRG4.A
SN74AHC574DGVR	SN74CBTLV3126DGVR.B	SN74ABT244ADB.B	SN74AVC8T245DGVRG4.B
SN74AHC574DGVR.A	SN74CBTLV3245ADGVR	SN74ABT244ADBR	SN74AVCA164245VRG4
SN74AHC74DGVR	SN74CBTLV3245ADGVR.B	SN74ABT244ADBR.B	SN74AVCA164245VRG4.B
SN74AHC74DGVR.A	SN74CBTLV3251DGVR	SN74ABT244ADBRG4	SN74AVCB164245VRG4
SN74AHC86DGVR	SN74CBTLV3251DGVR.B	SN74ABT244ADBRG4.B	SN74AVCB164245VRG4.B
SN74AHC86DGVR.A	SN74CBTLV3253DGVR	SN74ABT245BDBR	SN74AVCH16T245VRG4
SN74AHCT00DGVR	SN74CBTLV3253DGVR.B	SN74ABT245BDBR.B	SN74AVCH16T245VRG4.B
SN74AHCT00DGVR.A	SN74CBTLV3257DGVR	SN74ABT245BDBRG4	SN74AVCH20T245VRG4
SN74AHCT02DGVR	SN74CBTLV3257DGVR.B	SN74ALVC164245DL	SN74AVCH20T245VRG4.B
SN74AHCT02DGVR.A	SN74CBTLV3383DGVR	74ALVC164245DLG4	SN74AVCH8T245DGVR
SN74AHCT04DGVR	SN74CBTLV3383DGVR.B	SN74ALVC164245DL.B	SN74AVCH8T245DGVR.A
SN74AHCT04DGVR.A	SN74CBTLV3384DGVR	SN74ALVC164245DLR	SN74AVCH8T245DGVR.B
SN74AHCT08DGVR	SN74CBTLV3384DGVR.B	74ALVC164245DLRG4	SN74CB3Q3125DGVRG4
SN74AHCT08DGVR.A	SN74CBTLV3861DGVR	SN74ALVC164245DLR.B	SN74CB3Q3125DGVRG4.B
SN74AHCT123ADGVR	SN74CBTLV3861DGVR.B	SN74ALVCH16245DL	SN74CB3Q3245DGVRG4
SN74AHCT123ADGVR.A	SN74GTLPH1645DGVR	SN74ALVCH16245DL.B	SN74CB3Q3245DGVRG4.B
SN74AHCT125DGVR	SN74GTLPH1645DGVR.B	SN74ALVCH16245DLR	SN74CB3Q3253DGVRG4
SN74AHCT125DGVR.A	SN74GTLPH306DGVR	SN74ALVCH16245DLR.B	SN74CB3Q3253DGVRG4.B
SN74AHCT126DGVR	SN74GTLPH306DGVR.B	SN74LVC373ADBR	SN74CB3T3125DGVRG4
SN74AHCT126DGVR.A	SN74HCT14DGVR	SN74LVC373ADBR.A	SN74CB3T3125DGVRG4.B
SN74AHCT132DGVR	SN74HCT14DGVR.A	SN74LVC373ADBR.B	SN74CB3T3245DGVRG4
SN74AHCT132DGVR.A	SN74LV00ADGVR	SN74LVC373ADBRG4	SN74CB3T3245DGVRG4.A
SN74AHCT138DGVR	SN74LV00ADGVR.A	SN74LVC373ADBRG4.A	SN74CB3T3245DGVRG4.B
SN74AHCT138DGVR.A	SN74LV02ADGVR	SN74LVC373ADBRG4.B	SN74CB3T3257DGVRG4
SN74AHCT139DGVR	SN74LV02ADGVR.A	SN74LVTH162373DL	SN74CB3T3257DGVRG4.B
SN74AHCT139DGVR.A	SN74LV04ADGVR	SN74LVTH162373DL.B	SN74CBT16209ADGVR
SN74AHCT14DGVR	SN74LV04ADGVR.A	SN74LVTH162373DLR	SN74CBT16209ADGVR.A
SN74AHCT14DGVR.A	SN74LV04ADGVRE4	SN74LVTH162373DLR.B	SN74CBT16210DGVR
SN74AHCT14DGVRE4	SN74LV05ADGVR	SN74LVTH244ADB	SN74CBT16210DGVR.A
SN74AHCT157DGVR	SN74LV05ADGVR.A	SN74LVTH244ADB.B	SN74CBT16211ADGVR
SN74AHCT157DGVR.A	SN74LV06ADGVR	SN74LVTH244ADBR	SN74CBT16211ADGVR.A
SN74AHCT16240DGVR	SN74LV06ADGVR.A	SN74LVTH244ADBR.B	SN74CBT16233DGVRG4
SN74AHCT16240DGVR.A	SN74LV07ADGVR	SN74LVTH244ADBRE4	SN74CBT16233DGVRG4.B
SN74AHCT16244DGVR	SN74LV07ADGVR.A	SN74LVTH244ADBRG4	SN74CBT16292DGVR
SN74AHCT16244DGVR.A	SN74LV08ADGVR	SN74LVTH245ADB	SN74CBT16292DGVR.A
SN74AHCT16245DGVR	SN74LV08ADGVR.A	SN74LVTH245ADB.B	SN74CBT16861DGVR
SN74AHCT16245DGVR.A	SN74LV11ADGVR	SN74LVTH245ADBR	SN74CBT16861DGVR.A
SN74AHCT16373DGVR	SN74LV11ADGVR.A	SN74LVTH245ADBR.B	SN74CBT3125DGVR
SN74AHCT16373DGVR.A	SN74LV123ADGVR	SN74LVTH245ADBR1G4	SN74CBT3125DGVR.A
SN74AHCT16374DGVR	SN74LV123ADGVR.A	SN74LVTH245ADBR1G4.B	SN74CBT3244CDGVRG4
SN74AHCT16374DGVR.A	SN74LV125ADGVR	SN74LVTH273NS	SN74CBT3244CDGVRG4.B
SN74AHCT16541DGVR	SN74LV125ADGVR.A	SN74LVTH273NS.B	SN74CBT3244DGVR
SN74AHCT16541DGVR.A	SN74LV126ADGVR	SN74LVTH273NSR	SN74CBT3244DGVR.A

SN74AHCT244DGVR	SN74LV126ADGVR.A	SN74LVTH273NSR.B	SN74CBT3245CDGVRG4
SN74AHCT244DGVR.A	SN74LV132ADGVR	TL441CNSR	SN74CBT3245CDGVRG4.B
SN74AHCT32DGVR	SN74LV132ADGVR.A	TL441CNSR.A	SN74CBT3345DGVR
SN74AHCT32DGVR.A	SN74LV138ADGVR	TLC2543CDB	SN74CBT3345DGVR.A
SN74AHCT74DGVR	SN74LV138ADGVR.A	TLC2543CDB.A	SN74CBT3384ADGVR
SN74AHCT74DGVR.A	SN74LV14ADGVR	TLC2543CDBR	SN74CBT3384ADGVR.A
SN74AHCT86DGVR	SN74LV14ADGVR.A	TLC2543CDBR.A	SN74CBTD16210DGVR
SN74AHCT86DGVR.A	SN74LV157ADGVR	TLC2543IDB	SN74CBTD16210DGVR.A
SN74ALVC00DGVR	SN74LV157ADGVR.A	TLC2543IDB.A	SN74CBTD3861DGVR
SN74ALVC00DGVR.B	SN74LV161ADGVR	TLC2543IDBR	SN74CBTD3861DGVR.A
SN74ALVC04DGVR	SN74LV161ADGVR.A	TLC2543IDBR.A	SN74CBTS16211DGVR
SN74ALVC04DGVR.B	SN74LV163ADGVR	TLV1548CDB	SN74CBTS16211DGVR.A
SN74ALVC08DGVR	SN74LV163ADGVR.A	TLV1548CDB.A	SN74CBTS6800DGVR
SN74ALVC08DGVR.B	SN74LV164ADGVR	TLV1548CDBR	SN74CBTS6800DGVR.A
SN74ALVC10DGVR	SN74LV164ADGVR.A	TLV1548CDBR.A	SN74GTLPH306DGVRG4
SN74ALVC10DGVR.B	SN74LV165ADGVR	TLV1548IDB	SN74GTLPH306DGVRG4.B
SN74ALVC14DGVR	SN74LV165ADGVR.A	TLV1548IDB.A	SN74HC4851DGVR
SN74ALVC14DGVR.B	SN74LV166ADGVR	TLV1548IDBR	SN74HC4851DGVR.A
SN74ALVC162334DGVR	SN74LV166ADGVR.A	TLV1548IDBR.A	SN74HC4852DGVR
SN74ALVC162334DGVR.B	SN74LV174ADGVR	TLV2543CDB	SN74HC4852DGVR.A
SN74ALVC162836DGVR	SN74LV174ADGVR.A	TLV2543CDB.A	SN74LV138ATDGVR
SN74ALVC162836DGVR.B	SN74LV175ADGVR	TLV2543CDBR	SN74LV138ATDGVR.A
SN74ALVC16334DGVR	SN74LV175ADGVR.A	TLV2543CDBR.A	SN74LV245ATDGVR
SN74ALVC16334DGVR.B	SN74LV20ADGVR	TLV2543IDB	SN74LV245ATDGVR.A
SN74ALVC32DGVR	SN74LV20ADGVR.A	TLV2543IDB.A	SN74LV4040ADGVR
SN74ALVC32DGVR.B	SN74LV21ADGVR	TLV2543IDBR	SN74LV4040ADGVR.A
SN74ALVCF162835VR	SN74LV21ADGVR.A	TLV2543IDBR.A	SN74LV4046ADGVR
SN74ALVCF162835VR.B	SN74LV221ADGVR	74ABT16240ADGVRG4	SN74LV4046ADGVR.A
SN74ALVCH162334VR	SN74LV221ADGVR.A	74ABT16240ADGVRG4.B	SN74LV4051ADGVR
SN74ALVCH162334VR.B	SN74LV240ADGVR	74ABT16245ADGVRG4	SN74LV4051ADGVR.A
SN74ALVCH16244DGVR	SN74LV240ADGVR.A	74ABT16245ADGVRG4.B	SN74LV4051ADGVRG4
SN74ALVCH16244DGVR.B	SN74LV244ADGVR	74ALVCH162334VRG4	SN74LV4052ADGVR
SN74ALVCH16245DGVR	SN74LV244ADGVR.A	74ALVCH162334VRG4.B	SN74LV4052ADGVR.A
SN74ALVCH16245DGVR.B	SN74LV245ADGVR	74ALVCH16245DGVRG4	SN74LV4053ADGVR
SN74ALVCH162827VR	SN74LV245ADGVR.A	74ALVCH16245DGVRG4.B	SN74LV4053ADGVR.A
SN74ALVCH162827VR.B	SN74LV273ADGVR	74AUCH16244DGVRG4	SN74LV4066ADGVR
SN74ALVCH16374DGVR	SN74LV273ADGVR.A	74AUCH16244DGVRG4.B	SN74LV4066ADGVR.A
SN74ALVCH16374DGVR.B	SN74LV27ADGVR	74AVCAH164245VRG4	SN74LV541ATDGVR
SN74ALVCH16646DGVR	SN74LV27ADGVR.A	74AVCAH164245VRG4.B	SN74LV541ATDGVR.A
SN74ALVCH16646DGVR.B	SN74LV32ADGVR	74AVCH8T245DGVRG4	SN74LVC07ADGVR1G4
SN74ALVCH16823DGVR	SN74LV32ADGVR.A	74AVCH8T245DGVRG4.A	SN74LVC07ADGVR1G4.B
SN74ALVCH16823DGVR.B	SN74LV367ADGVR	74AVCH8T245DGVRG4.B	SN74LVC112ADGVR
SN74ALVCH16835DGVR	SN74LV367ADGVR.A	74CB3Q16210DGVRG4	SN74LVC112ADGVR.B
SN74ALVCH16835DGVR.B	SN74LV373ADGVR	74CB3Q16210DGVRG4.B	SN74LVC126ADGVR
SN74ALVCH244DGVR	SN74LV373ADGVR.A	74CB3Q3384ADGVRG4	SN74LVC126ADGVR.B
SN74ALVCH244DGVR.B	SN74LV393ADGVR	74CB3Q3384ADGVRG4.B	SN74LVC138ADGVR
SN74ALVCH245DGVR	SN74LV393ADGVR.A	74CB3T16211DGVRG4	SN74LVC138ADGVR.B

SN74ALVCH245DGVR.B	SN74LV540ADGVR	74CB3T16211DGVRG4.B	SN74LVC138ADGVRG4
SN74ALVCH373DGVR	SN74LV540ADGVR.A	74CBT16245CDGVRG4	SN74LVC138ADGVRG4.B
SN74ALVCH373DGVR.B	SN74LV573ADGVR	74CBT16245CDGVRG4.B	SN74LVC139ADGVR
SN74ALVCH374DGVR	SN74LV573ADGVR.A	74CBTLV3126DGVRG4	SN74LVC139ADGVR.B
SN74ALVCH374DGVR.B	SN74LV574ADGVR	74CBTLV3126DGVRG4.B	SN74LVC14ADGVRG4
SN74ALVCHR16601VR	SN74LV574ADGVR.A	74CBTLV3245ADGVRG4	SN74LVC14ADGVRG4.B
SN74ALVCHR16601VR.B	SN74LV74ADGVR	74CBTLV3245ADGVRG4.B	SN74LVC2244ADGVRG4
SN74AUC16240DGVR	SN74LV74ADGVR.A	74CBTLV3253DGVRG4	SN74LVC2244ADGVRG4.B
SN74AUC16240DGVR.B	SN74LV8151DGVR	74CBTLV3253DGVRG4.B	SN74LVC240ADGVR
SN74AUC16244DGVR	SN74LV8151DGVR.A	74CBTLV3257DGVRG4	SN74LVC240ADGVR.B
SN74AUC16244DGVR.B	SN74LV86ADGVR	74CBTLV3257DGVRG4.B	SN74LVC240ADGVRG4
SN74AUC16245DGVR	SN74LV86ADGVR.A	74CBTLV3861DGVRG4	SN74LVC240ADGVRG4.B
SN74AUC16245DGVR.B	SN74LVC04ADGVR	74CBTLV3861DGVRG4.B	SN74LVC244ADGVR
SN74AUC16373DGVR	SN74LVC04ADGVR.B	74LVC162244ADGVRG4	SN74LVC244ADGVR.B
SN74AUC16373DGVR.B	SN74LVC04ADGVRE4	74LVC162244ADGVRG4.B	SN74LVC244ADGVRG4
SN74AUC16374DGVR	SN74LVC06ADGVR	74LVC16244ADGVRG4	SN74LVC244ADGVRG4.B
SN74AUC16374DGVR.B	SN74LVC06ADGVR.B	74LVC16244ADGVRG4.B	SN74LVC245ADGVR
SN74AUCH16244DGVR	SN74LVC07ADGVR	74LVCH162244AVRG4	SN74LVC245ADGVR.B
SN74AUCH16244DGVR.B	SN74LVC07ADGVR.B	74LVCH162244AVRG4.B	SN74LVC245ADGVRG4
SN74AUCH16374DGVR	SN74LVC14ADGVR	74LVCH16244ADGVRG4	SN74LVC245ADGVRG4.B
SN74AUCH16374DGVR.B	SN74LVC14ADGVR.B	74LVCH16244ADGVRG4.B	SN74LVC373ADGVR
SN74AVC16244DGVR	SN74LVC162244ADGVR	74LVCH16652ADGVRG4	SN74LVC373ADGVR.B
SN74AVC16244DGVR.B	SN74LVC162244ADGVR.B	74LVCH16652ADGVRG4.B	SN74LVC373ADGVRG4
SN74AVC16245DGVR	SN74LVC16244ADGVR	74LVCH8T245DGVRG4	SN74LVC373ADGVRG4.B
SN74AVC16245DGVR.B	SN74LVC16244ADGVR.B	74LVCH8T245DGVRG4.B	SN74LVC374ADGVR
SN74AVC16334DGVR	SN74LVC16245ADGVR	74LVCHR16245AVRG4	SN74LVC374ADGVR.B
SN74AVC16334DGVR.B	74LVC16245ADGVRE4	74LVCHR16245AVRG4.B	SN74LVC540ADGVR
SN74AVC16373DGVR	SN74LVC16245ADGVR.B	74LVT162244ADGVRG4	SN74LVC540ADGVR.B
SN74AVC16373DGVR.B	SN74LVC16373ADGVR	74LVT162244ADGVRG4.B	SN74LVC541ADGVR
SN74AVC16374DGVR	74LVC16373ADGVRE4	74LVT16245BDGVRG4	SN74LVC541ADGVR.B
SN74AVC16374DGVR.B	SN74LVC16373ADGVR.B	74LVT16245BDGVRG4.B	SN74LVC541ADGVRE4
SN74AVC16646DGVR	SN74LVC16374ADGVR	74LVTH16244ADGVRG4	SN74LVC541ADGVRG4
SN74AVC16646DGVR.B	SN74LVC16374ADGVR.B	74LVTH16244ADGVRG4.B	SN74LVC573ADGVR
SN74AVC16827DGVR	SN74LVC16T245DGVR	74LVTH16245ADGVRG4	SN74LVC573ADGVR.B
SN74AVC16827DGVR.B	74LVC16T245DGVRG4	74LVTH16245ADGVRG4.B	SN74LVC574ADGVR
SN74AVC16834DGVR	SN74LVC16T245DGVR.B	MSP430F1101AIDGV	SN74LVC574ADGVR.B
SN74AVC16834DGVR.B	SN74LVC2244ADGVR	MSP430F1101AIDGV.A	SN74LVC574ADGVRE4
SN74AVC16835DGVR	SN74LVC2244ADGVR.B	MSP430F1101AIDGV.B	SN74LVC821ADGVR
SN74AVC16835DGVR.B	SN74LVC8T245DGVR	MSP430F1111AIDGV	SN74LVC821ADGVR.B
SN74AVC16T245DGVR	SN74LVC8T245DGVR.B	MSP430F1111AIDGV.A	SN74LVC823ADGVR
74AVC16T245DGVRE4	SN74LVC8T245DGVRG4	MSP430F1111AIDGV.B	SN74LVC823ADGVR.B
SN74AVC16T245DGVR.B	SN74LVCH162244AVR	MSP430F1121AIDGV	SN74LVC827ADGVR
SN74AVC20T245DGVR	SN74LVCH162244AVR.B	MSP430F1121AIDGV.A	SN74LVC827ADGVR.B
SN74AVC20T245DGVR.B	SN74LVCH16244ADGVR	MSP430F1121AIDGV.B	SN74LVC828ADGVR
SN74AVC4T245DGVR	SN74LVCH16244ADGVR.B	MSP430F2101IDGVR	SN74LVC828ADGVR.B
74AVC4T245DGVRE4	SN74LVCH16245ADGVR	MSP430F2101IDGVR.B	SN74LVC861ADGVR
SN74AVC4T245DGVR.B	SN74LVCH16245ADGVR.B	MSP430F2101TDGVR	SN74LVC861ADGVR.B

SN74AVC8T245DGVR	SN74LVCH16373ADGVR	MSP430F2101TDGVR.B	SN74LVC863ADGVR
SN74AVC8T245DGVR.A	SN74LVCH16373ADGVR.B	MSP430F2111IDGVR	SN74LVC863ADGVR.B
SN74AVC8T245DGVR.B	SN74LVCH16374ADGVR	MSP430F2111IDGVR.B	SN74LVCH244ADGVRG4
SN74AVC8T245DGVR-P	SN74LVCH16374ADGVR.B	MSP430F2111TDGVR	SN74LVCH244ADGVRG4.B
SN74AVC8T245DGVR-P.B	SN74LVCH16541ADGVR	MSP430F2111TDGVR.B	SN74LVCU04ADGVR
SN74AVCA164245VR	SN74LVCH16541ADGVR.B	MSP430F2121IDGVR	SN74LVCU04ADGVR.B
SN74AVCA164245VR.B	SN74LVCH16652ADGVR	MSP430F2121IDGVR.B	SN74LVTH125DGVR
SN74AVCAH164245VR	SN74LVCH16652ADGVR.B	MSP430F2121TDGVR	SN74LVTH125DGVR.B
SN74AVCAH164245VR.B	SN74LVCH16952ADGVR	MSP430F2121TDGVR.B	SN74LVTH125DGVRG4
SN74AVCB164245VR	SN74LVCH16952ADGVR.B	MSP430F2131IDGVR	SN74LVTH125DGVRG4.B
SN74AVCB164245VR.B	SN74LVCH16T245DGVR	MSP430F2131IDGVR.B	SN74LVTH126DGVR
SN74AVCBH164245VR	SN74LVCH16T245DGVR.B	MSP430F2131IDGVRG4	SN74LVTH126DGVR.B
SN74AVCBH164245VR.B	SN74LVCH244ADGVR	MSP430F2131IDGVRG4.B	SN74LVTH126DGVRG4
SN74AVCH16T245VR	SN74LVCH244ADGVR.B	MSP430F2131TDGVR	SN74LVTH126DGVRG4.B
SN74AVCH16T245VR.B	SN74LVCH245ADGVR	MSP430F2131TDGVR.B	SN74TVC16222ADGVR
SN74AVCH20T245VR	SN74LVCH245ADGVR.B	PCA9534ADGVR	SN74TVC16222ADGVR.A
SN74AVCH20T245VR.B	SN74LVCH8T245DGVR	PCA9534ADGVR.A	SN74TVC3010DGVR
SN74AVCH4T245DGVR	SN74LVCH8T245DGVR.B	PCA9534DGVR	SN74TVC3010DGVR.A
SN74AVCH4T245DGVR.B	SN74LVCHR16245AVR	PCA9534DGVR.A	TS3A5018DGVRG4
SN74CB3Q16210DGVR	SN74LVCHR16245AVR.B	PCA9535DGVR	TS3A5018DGVRG4.B
SN74CB3Q16210DGVR.B	SN74LVCR16245ADGVR	PCA9535DGVR.A	TS3L301DGVRG4
SN74CB3Q16211DGVR	SN74LVCR16245ADGVR.B	PCA9538DGVR	TS3L301DGVRG4.B
SN74CB3Q16211DGVR.B	SN74LVCR2245ADGVR	PCA9538DGVR.A	
SN74CB3Q16244DGVR	SN74LVCR2245ADGVR.B	PCA9539DGVR	

Qualification Report

Approve Date 14-MAY -2025

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: SN1301037NSR	Qual Device: TLC5949DBQR	Qual Device: SN74CBTLV16800VR	Qual Device: MSP430F1121AIDGVR
UHAST	A3	Unbiased HAST	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
SD	C3	PB-Free Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes); PB-Free Solder;	-	1/22/0	1/22/0	1/22/0	-
FTY	E6	Final Test Yield	-	-	3/3/0	3/3/0	3/3/0	3/3/0

QBS: Qual By Similarity, also known as Generic Data

Qual Device SN1301037NSR is qualified at MSL1 260C

Qual Device TLC5949DBQR is qualified at MSL2 260C

Qual Device SN74CBTLV16800VR is qualified at MSL1 260C

Qual Device MSP430F1121AIDGVR 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 0.7eV : 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-2408-086

Qualification Report

Approve Date 14-MAY -2025

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: SN74ACT16245QDLREP	Qual Device: CALVC164245IDLREP	Qual Device: CLVCH16T245MDGVREP	Qual Device: SN74LVTH273MNSREP	Qual Device: MAX3221MDBREP
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	1/77/0	1/77/0	1/77/0	1/77/0	1/77/0
SD	C3	PB-Free Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes); PB-Free Solder;	-	1/22/0	-	-	-	1/22/0
FTY	E6	Final Test Yield	-	-	1/1/0	1/1/0	1/1/0	1/1/0	1/1/0

QBS: Qual By Similarity, also known as Generic Data

Qual Device SN74ACT16245QDLREP is qualified at MSL1 260C

Qual Device CALVC164245IDLREP is qualified at MSL1 260C

Qual Device CLVCH16T245MDGVREP is qualified at MSL1 260C

Qual Device SN74LVTH273MNSREP is qualified at MSL1 260C

Qual Device MAX3221MDBREP 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/>

TI Qualification ID: R-CHG-2409-017

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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