

**PCN# 20150211000
Qualification of Carrier Tape for 14/16 pin SOP
and 28 pin SSOP device
Change Notification / Sample Request**

Dear Customer:

The purpose of this version is to cancel this change. We apologize for any inconvenience this may have caused.

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 proposed first ship date is indicated 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, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services

PCN # 20150211000
Attachment: 1

Products Affected:

According to our records, these are the affected device(s) that you have purchased within the past twenty-four (24) months.

Affected Device in Revision-C				
74AC11008NSR	CD74HC4024NSR	SN74AHC594NSR	SN74HC21ANSR	SN74LV163ANSR
74AC11032NSR	CD74HC4046ANSR	SN74AHC594NSRE4	SN74HC21NSR	SN74LV164ANSR
74AC11138NSR	CD74HC4046ANSRE4	SN74AHC74NSR	SN74HC251ANSR	SN74LV165ANSR
74ACT11074NSR	CD74HC4049NSR	SN74AHC86NSR	SN74HC251NSR	SN74LV166ANSR
ADS1256IDBR	CD74HC4049NSRE4	SN74AHCT00NSR	SN74HC253NSR	SN74LV174ANSR
ADS1256IDBRG4	CD74HC4049NSRG4	SN74AHCT00NSRG4	SN74HC257ANSR	SN74LV175ANSR
ADS1256IDBT	CD74HC4050NSR	SN74AHCT02NSR	SN74HC257NSR	SN74LV20ANSR
ADS1256IDBTG4	CD74HC4050NSRG4	SN74AHCT04NSR	SN74HC258NSR	SN74LV21ANSR
ADS7871IDBR	CD74HC4051NSR	SN74AHCT08NSR	SN74HC259ANSR	SN74LV221ANSR
ADS932E/2K	CD74HC4051NSRE4	SN74AHCT132NSR	SN74HC259NSR	SN74LV27ANSR
AM26C31CNSR	CD74HC4052NSR	SN74AHCT138NSR	SN74HC266ANSR	SN74LV32ANSR
AM26C31CNSRG4	CD74HC4052NSRG4	SN74AHCT14NSR	SN74HC266NSR	SN74LV367ANSR
AM26C31INSR	CD74HC4053NSR	SN74AHCT14NSRE4	SN74HC27ANSR	SN74LV393ANSR
AM26C31INSR-B	CD74HC4075NSR	SN74AHCT174NSR	SN74HC27NSR	SN74LV4040ANSR
AM26C32CNSR	CD74HC4094NSR	SN74AHCT32NSR	SN74HC32ANSR	SN74LV4046ANSR
AM26C32CNSRE4	CD74HC4094NSRE4	SN74AHCT594NSR	SN74HC32ANSRG4	SN74LV4051ANSR
AM26C32CNSRG4	CD74HC423NSR	SN74AHCT74NSR	SN74HC32NSR	SN74LV4052ANSR
AM26C32INSR	CD74HC4316NSR	SN74AHCT86NSR	SN74HC365NSR	SN74LV4053ANSR
AM26LS31CNSR	CD74HC4511NSR	SN74AHCU04NSR	SN74HC367ANSR	SN74LV4066ANSR
AM26LS32ACNSR	CD74HC4538NSR	SN74ALS00ANSR	SN74HC367NSR	SN74LV595ANSR
AM26LS32ACNSRG4	CD74HC595NSR	SN74ALS02ANSR	SN74HC368ANSR	SN74LV74ANSR
AM26LV31CNSR	CD74HC597NSR	SN74ALS04BNSR	SN74HC368NSR	SN74LV86ANSR
AM26LV31EINSR	CD74HC85NSR	SN74ALS04BNSRE4	SN74HC393ANSR	SN74LVC00ANSR
AM26LV31INSR	CDC319DBR	SN74ALS04BNSRG4	SN74HC393NSR	SN74LVC00ANSRG4
AM26LV32CNSR	CDC319DBRG4	SN74ALS05ANSR	SN74HC393NSRE4	SN74LVC02ANSR
AM26LV32CNSRG4	DSD1796DBR	SN74ALS08NSR	SN74HC4020ANSR	SN74LVC02ANSRE4
AM26LV32EINSR	LM2901NSR	SN74ALS08NSRG4	SN74HC4020NSR	SN74LVC04ANSR
AM26LV32INSR	LM2901NSRG4	SN74ALS10ANSR	SN74HC4020NSRG4	SN74LVC04ANSRG4
AM26LV32INSRG4	LM2902KNSR	SN74ALS11ANSR	SN74HC4040ANSR	SN74LVC06ANSR
BUS1064FNSR	LM2902KNSRG4	SN74ALS133NSR	SN74HC4040NSR	SN74LVC07ANSR
BUS1065GNSR	LM2902NSR	SN74ALS139NSR	SN74HC4040NSRE4	SN74LVC08ANSR
BUS1066H1NSR	LM324ANSR	SN74ALS151NSR	SN74HC4060NSR	SN74LVC08ANSRE4
BUS1072JNSR	LM324ANSRG4	SN74ALS153NSR	SN74HC4060NSRE4	SN74LVC10ANSR
CD14538BNSR	LM324KANSR	SN74ALS158NSR	SN74HC4066NSR	SN74LVC139ANSR
CD14538BNSRE4	LM324KNSR	SN74ALS166NSR	SN74HC595ANSR	SN74LVC14ANSR
CD4001BNSR	LM324NSR	SN74ALS174NSR	SN74HC595ANSRE4	SN74LVC32ANSR
CD4001BNSRG4	LM324NSRE4	SN74ALS175NSR	SN74HC595NSR	SN74LVC32ANSRE4
CD4002BNSR	LM324NSRG4	SN74ALS20ANSR	SN74HC74ANSR	SN74LVC74ANSR
CD4002BNSRE4	LM339ANSR	SN74ALS21ANSR	SN74HC74NSR	SN74LVC86ANSR

CD4002BNSRG4	LM339ANSRG4	SN74ALS27ANSR	SN74HC74NSRE4	SN74LVT125NSR
CD4007UBNSR	LM339NSR	SN74ALS30ANSR	SN74HC74NSRG4	SN74LVTH125NSR
CD4007UBNSRG4	LM339NSRG4	SN74ALS32NSR	SN74HC86ANSR	SN74LVTH125NSRE4
CD40102BNSR	LM348NSR	SN74ALS32NSRG4	SN74HC86NSR	SN74LVTH126NSR
CD40103BNSR	LM348NSRG4	SN74ALS38BNSR	SN74HC86NSRE4	SN74LVU04ANSR
CD40103BNSRG4	MAX211CDBR	SN74ALS74ANSR	SN74HC86NSRG4	SN74S04NSR
CD40106BNSR	MAX211IDBR	SN74ALS86NSR	SN74HCT00ANSR	SN74S05NSR
CD40106BNSRG4	MAX211IDBRE4	SN74ALVC00NSR	SN74HCT00NSR	SN74S09NSR
CD40109BNSR	MAX211IDBRG4	SN74ALVC08NSR	SN74HCT02ANSR	SN74S1051NSR
CD40109BNSRE4	MAX213CDBR	SN74ALVC10NSR	SN74HCT02NSR	SN74S140NSR
CD40109BNSRG4	MAX213ECDBR	SN74ALVC125NSR	SN74HCT02NSRG4	SN74S38NSR
CD4010BNSR	MAX213EDBR	SN74ALVC125NSRE4	SN74HCT04ANSR	SN74S74NSR
CD4011BNSR	MAX213EIDBR	SN74ALVC126NSR	SN74HCT04ANSRE4	SN75107ANSR
CD4011BNSRG4	MAX213IDBR	SN74ALVC14NSR	SN74HCT04NSR	SN75107BNSR
CD4011UBNSR	MAX232NSR	SN74ALVC32NSR	SN74HCT08ANSR	SN75110ANSR
CD4011UBNSRG4	MAX3237ECDBR	SN74AS00NSR	SN74HCT08NSR	SN75113NSR
CD4012BNSR	MAX3237ECDBRG4	SN74AS02NSR	SN74HCT138NSR	SN75115NSR
CD4012BNSRG4	MAX3237EIDBR	SN74AS04NSR	SN74HCT138NSRG4	SN75116NSR
CD4013BNSR	MAX3237EIDBRG4	SN74AS08NSR	SN74HCT32ANSR	SN751177NSR
CD4013BNSRG4	MAX3238CDBR	SN74AS109ANSR	SN74HCT32NSR	SN751177NSRE4
CD40161BNSR	MAX3238CDBRE4	SN74AS10NSR	SN74HCT32NSRG4	SN751177NSRG4
CD4016BNSR	MAX3238CDBRG4	SN74AS138NSR	SN74HCT74ANSR	SN751178NSR
CD40174BNSR	MAX3238ECDBR	SN74AS151NSR	SN74HCT74NSR	SN751178NSRE4
CD40175BNSR	MAX3238EIDBR	SN74AS153NSR	SN74HCT74NSRE4	SN751178NSRG4
CD40175BNSRE4	MAX3238IDBR	SN74AS158NSR	SN74HCU04ANSR	SN75121NSR
CD4017BNSR	MAX3238IDBRG4	SN74AS161NSR	SN74HCU04ANSRG4	SN75124NSR
CD4017BNSRG4	MAX3243CDBR	SN74AS174NSR	SN74HCU04NSR	SN75138NSR
CD4018BNSR	MAX3243CDBRE4	SN74AS175BNSR	SN74HCU04NSRG4	SN75154NSR
CD40192BNSR	MAX3243CDBRG4	SN74AS20NSR	SN74LS00NSR	SN75173NSR
CD40193BNSR	MAX3243ECDBR	SN74AS21NSR	SN74LS00NSRG4	SN75175NSR
CD40193BNSRE4	MAX3243ECDBRE4	SN74AS257NSR	SN74LS02NSR	SN75175NSRE4
CD4019BNSR	MAX3243EIDBR	SN74AS27NSR	SN74LS02NSRG4	SN75175NSRG4
CD4020BNSR	MAX3243IDBR	SN74AS280NSR	SN74LS03NSR	SN75182NSR
CD4020BNSRG4	MAX3243IDBRE4	SN74AS32NSR	SN74LS04NSR	SN75183NSR
CD4022BNSR	MAX3243IDBRG4	SN74AS74ANSR	SN74LS04NSRG4	SN75188NSR
CD4022BNSRE4	MAX3243MDBREP	SN74F00NSR	SN74LS05NSR	SN75188NSRG4
CD4023BNSR	MC3403NSR	SN74F02NSR	SN74LS06NSR	SN75189ANSR
CD4023BNSRG4	MC3486NSR	SN74F04NSR	SN74LS06NSRG4	SN75189ANSRG4
CD4024BNSR	MC3487NSR	SN74F04NSRG4	SN74LS07NSR	SN75189NSR
CD4024BNSRG4	NE556NSR	SN74F08NSR	SN74LS07NSRE4	SN75207BNSR
CD4025BNSR	PCM1791ADBR	SN74F10NSR	SN74LS07NSRG4	SN7534050NSR
CD4025BNSRE4	PCM1792ADBR	SN74F112NSR	SN74LS08NSR	SN7534051NSR
CD4026BNSR	PCM1792ADBRG4	SN74F112NSRE4	SN74LS09NSR	SN75468NSR
CD4027BNSR	PCM1794ADBR	SN74F112NSRG4	SN74LS107ANSR	SN75468NSRG4
CD4027BNSRE4	PCM1795DBR	SN74F11NSR	SN74LS109ANSR	SN75ALS1178NSR
CD4027BNSRG4	PCM1796DBR	SN74F125NSR	SN74LS10NSR	SN75ALS1178NSRG4
CD4028BNSR	PCM1804DBR	SN74F138NSR	SN74LS112ANSR	SN75ALS173NSR
CD4028BNSRE4	PCM1804DBRG4	SN74F151BNSR	SN74LS11NSR	SN75ALS173NSRG4
CD4028BNSRG4	PCM2704CDBR	SN74F153NSR	SN74LS122NSR	SN75ALS175NSR
CD4029BNSR	PCM2704DBR	SN74F157ANSR	SN74LS123NSR	SN75ALS181NSR

CD4029BNSRE4	PCM2704DBRG4	SN74F161ANSR	SN74LS123NSRG4	SN75ALS181NSRG4
CD4030BNSR	PCM2704S1DBR	SN74F163ANSR	SN74LS125ANSR	SN75ALS192NSR
CD4030BNSRG4	PCM2705CDBR	SN74F175NSR	SN74LS126ANSR	SN75ALS192NSRE4
CD4040BNSR	PCM2705DBR	SN74F20NSR	SN74LS132NSR	SN75ALS192NSRG4
CD4042BNSR	PCM2705DBRG4	SN74F257NSR	SN74LS136NSR	SN75ALS194NSR
CD4043BNSR	PCM2900BDBR	SN74F27NSR	SN74LS136NSRG4	SN75ALS197NSR
CD4043BNSRE4	PCM2900CDBR	SN74F280BNSR	SN74LS138NSR	SN75C1167NSR
CD4044BNSR	PCM2900E/2K	SN74F30NSR	SN74LS138NSRG4	SN75C1167NSRG4
CD4046BNSR	PCM2902BDBR	SN74F32NSR	SN74LS139ANSR	SN75C1168NSR
CD4046BNSRE4	PCM2902CDBR	SN74F38NSR	SN74LS145NSR	SN75C1168NSRG4
CD4046BNSRG4	PCM2902E/2K	SN74F38NSRE4	SN74LS148NSR	SN75C1406NSR
CD4047BNSR	PCM2903BDBR	SN74F74NSR	SN74LS14NSR	SN75C188NSR
CD4049UBNSR	PCM2903CDBR	SN74F74NSRE4	SN74LS151NSR	SN75C189ANSR
CD4049UBNSRG4	PCM2906BDBR	SN74F74NSRG4	SN74LS153NSR	SN75C189ANSRG4
CD4050BNSR	PCM2906BS1DBR	SN74F86NSR	SN74LS155ANSR	SN75C189NSR
CD4051BNSR	PCM2906CDBR	SN74HC00ANSR	SN74LS156NSR	SN75C3238DBR
CD4051BNSRE4	PCM3001E/2K	SN74HC00NSR	SN74LS157NSR	SN75C3238DBRE4
CD4052BNSR	PCM4202DBR	SN74HC02ANSR	SN74LS158NSR	SN75C3238EDBR
CD4052BNSRG4	PCM4202DBRG4	SN74HC02NSR	SN74LS161ANSR	SN75C3238EDBRG4
CD4053BNSR	PCM4202DBT	SN74HC02NSRG4	SN74LS163ANSR	SN75C3243DBR
CD4060BNSR	PCM4202DBTG4	SN74HC03NSR	SN74LS164NSR	SN75LBC187DBR
CD4063BNSR	PCM4202IDBREP	SN74HC04ANSR	SN74LS164NSRE4	SN75LBC187DBRG4
CD4066BNSR	PGA2500IDBR	SN74HC04ANSRE4	SN74LS165ANSR	TL034CNSR
CD4068BNSR	PGA2500IDBRG4	SN74HC04NSR	SN74LS166ANSR	TL054CNSR
CD4068BNSRE4	PPCM2906BDBR	SN74HC04NSRG4	SN74LS174NSR	TL064CNSR
CD4069UBNSR	SG3524NSR	SN74HC05ANSR	SN74LS175NSR	TL064CNSRG4
CD4069UBNSRG4	SN101178NSR	SN74HC05NSR	SN74LS191NSR	TL064INSR
CD4070BNSR	SN1301037NSR	SN74HC05NSRE4	SN74LS193NSR	TL074ACNSR
CD4070BNSRG4	SN250129NSR	SN74HC05NSRG4	SN74LS19ANSR	TL074CNSR
CD4071BNSR	SN320002NSR	SN74HC08ANSR	SN74LS20NSR	TL074CNSRG4
CD4071BNSRG4	SN65C1167ENSR	SN74HC08NSR	SN74LS21NSR	TL084ACNSR
CD4072BNSR	SN65C1167NSR	SN74HC08NSRE4	SN74LS221NSR	TL084ACNSRG4
CD4072BNSRE4	SN65C1167NSRG4	SN74HC08NSRG4	SN74LS247NSR	TL084CNSR
CD4072BNSRG4	SN65C1168ENSR	SN74HC109NSR	SN74LS251NSR	TL084CNSRG4
CD4073BNSR	SN65C1168NSR	SN74HC109NSRE4	SN74LS257BNSR	TL1451ACNSR
CD4075BNSR	SN65C1168NSRG4	SN74HC10ANSR	SN74LS279ANSR	TL1451CNSR
CD4077BNSR	SN65C3238DBR	SN74HC10NSR	SN74LS27NSR	TL1451INSR
CD4077BNSRG4	SN65C3238EDBR	SN74HC10NSRE4	SN74LS280NSR	TL1453CNSR
CD4078BNSR	SN65C3243DBR	SN74HC11ANSR	SN74LS283NSR	TL1453CNSRG4
CD4078BNSRG4	SN65C3243DBRG4	SN74HC11NSR	SN74LS30NSR	TL1454ACNSR
CD4081BNSR	SN65LVDS31NSR	SN74HC125ANSR	SN74LS31NSR	TL1494CNSR
CD4081BNSRG4	SN65LVDS32NSR	SN74HC125NSR	SN74LS32NSR	TL441CNSR
CD4082BNSR	SN7406NSR	SN74HC125NSRE4	SN74LS32NSRG4	TL441MNSREP
CD4082BNSRG4	SN7407NSR	SN74HC125NSRG4	SN74LS33NSR	TL494CNSR
CD4089BNSR	SN7407NSRE4	SN74HC126ANSR	SN74LS365ANSR	TL494CNSRG4
CD4093BNSR	SN7407NSRG4	SN74HC126NSR	SN74LS367ANSR	TL497ACNSR
CD4093BNSRG4	SN74128NSR	SN74HC126NSRG4	SN74LS368ANSR	TL594CNSR
CD4094BNSR	SN7414NSR	SN74HC132ANSR	SN74LS37NSR	TL594CNSRG4
CD4098BNSR	SN7416NSR	SN74HC132NSR	SN74LS38NSR	TL594INSR
CD4099BNSR	SN7438NSR	SN74HC132NSRE4	SN74LS390NSR	TL594INSRG4

CD4502BNSR	SN74ABT125NSR	SN74HC132NSRG4	SN74LS393NSR	TLC2274CNSR
CD4503BNSR	SN74ABT125NSRG4	SN74HC138ANSR	SN74LS423NSR	TLC274CNSR
CD4504BNSR-E	SN74ABT126NSR	SN74HC138NSR	SN74LS47NSR	TLC27L4CNSR
CD4510BNSR	SN74AC00NSR	SN74HC139ANSR	SN74LS51NSR	TLC27L9CNSR
CD4510BNSRG4	SN74AC04NSR	SN74HC139NSR	SN74LS590NSR	TLC27M4CNSR
CD4511BNSR	SN74AC08NSR	SN74HC139NSRE4	SN74LS592NSR	TLC339CNSR
CD4511BNSRG4	SN74AC08NSRG4	SN74HC148ANSR	SN74LS624NSR	TLC3704CNSR
CD4512BNSR	SN74AC10NSR	SN74HC148NSR	SN74LS624NSRG4	TLC374CNSR
CD4516BNSR	SN74AC14NSR	SN74HC14ANSR	SN74LS670NSR	TLC7524CNSR
CD4518BNSR	SN74AC14NSRG4	SN74HC14NSR	SN74LS74ANSR	TLS9110NSR
CD4518BNSRG4	SN74AC32NSR	SN74HC14NSRE4	SN74LS74ANSRG4	TRS213CDBR
CD4520BNSR	SN74AC74NSR	SN74HC151ANSR	SN74LS75NSR	TRS213IDBR
CD4521BNSR	SN74AC86NSR	SN74HC151NSR	SN74LS85NSR	TRS232NSR
CD4527BNSR	SN74AC86NSRG4	SN74HC153ANSR	SN74LS86ANSR	TRS3237ECDBR
CD4527BNSRG4	SN74ACT00NSR	SN74HC153NSR	SN74LS90NSR	TRS3237EIDBR
CD4532BNSR	SN74ACT04NSR	SN74HC157ANSR	SN74LS92NSR	TRS3238ECDBR
CD4536BNSR	SN74ACT04NSRG4	SN74HC157NSR	SN74LV00ANSR	TRS3238EIDBR
CD4536BNSRG4	SN74ACT08NSR	SN74HC157NSRG4	SN74LV00ANSRG4	TRS3243CDBR
CD4541BNSR	SN74ACT14NSR	SN74HC158ANSR	SN74LV02ANSR	TRS3243ECDBR
CD4541BNSRG4	SN74ACT14NSRG4	SN74HC158NSR	SN74LV04ANSR	TRS3243ECDBRG4
CD4543BNSR	SN74ACT32NSR	SN74HC161ANSR	SN74LV05ANSR	TRS3243EIDBR
CD4543BNSRG4	SN74ACT74NSR	SN74HC161NSR	SN74LV06ANSR	TRS3243IDBR
CD4555BNSR	SN74ACT86NSR	SN74HC163ANSR	SN74LV06ANSRG4	TRSF3238ECDBR
CD4572UBNSR	SN74ACT86NSRG4	SN74HC163NSR	SN74LV07ANSR	TRSF3238EIDBR
CD4585BNSR	SN74AHC00NSR	SN74HC164ANSR	SN74LV07ANSRG4	UA723CNSR
CD4585BNSRE4	SN74AHC02NSR	SN74HC164NSR	SN74LV08ANSR	UA733CNSR
CD74ACT153NSR	SN74AHC04NSR	SN74HC165ANSR	SN74LV10ANSR	ULN2003AINSR
CD74HC112NSR	SN74AHC05NSR	SN74HC165NSR	SN74LV11ANSR	ULN2003ANSR
CD74HC123NSR	SN74AHC08NSR	SN74HC165NSRG4	SN74LV123ANSR	ULN2003ANSRE4
CD74HC123NSRG4	SN74AHC125NSR	SN74HC166ANSR	SN74LV125ANSR	ULN2003ANSRG4
CD74HC190NSR	SN74AHC125NSRG4	SN74HC166NSR	SN74LV125ATNSR	ULN2004AINSR
CD74HC192NSR	SN74AHC126NSR	SN74HC174ANSR	SN74LV126ANSR	ULN2004AINSRG4
CD74HC192NSRG4	SN74AHC132NSR	SN74HC174NSR	SN74LV132ANSR	ULN2004ANSR
CD74HC195NSR	SN74AHC138NSR	SN74HC175ANSR	SN74LV138ANSR	V62/05603-01XE
CD74HC221NSR	SN74AHC139NSR	SN74HC175NSR	SN74LV139ANSR	V62/06624-01XE
CD74HC237NSR	SN74AHC14NSR	SN74HC191NSR	SN74LV139ANSRE4	V62/07642-01XE
CD74HC238NSR	SN74AHC157NSR	SN74HC193ANSR	SN74LV14ANSR	
CD74HC30NSR	SN74AHC32NSR	SN74HC193NSR	SN74LV14ANSRG4	
CD74HC4017NSR	SN74AHC4066NSR	SN74HC20ANSR	SN74LV157ANSR	
CD74HC4017NSRE4	SN74AHC4066NSRG4	SN74HC20NSR	SN74LV161ANSR	

Affected Device in Revision-A-1

CD4093BQNSRG4HT	TPIC46L01DBG4	TPIC46L02DB	TPIC46L02DBRG4	TPIC46L03DBR
SN0301022BDBR	TPIC46L01DBR	TPIC46L02DBG4	TPIC46L03DB	
TPIC46L01DB	TPIC46L01DBRG4	TPIC46L02DBR	TPIC46L03DBG4	

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

PCN Number:	20150211000		PCN Date:	04/17/2015																						
Title:	Qualification of Carrier Tape for 14/16 pin SOP and 28 pin SSOP device																									
Customer Contact:	PCN Manager	Dept:	Quality Services																							
Change Type:																										
☐	Assembly Site	☐	Design	☐	Wafer Bump Site																					
☐	Assembly Process	☐	Data Sheet	☐	Wafer Bump Material																					
☐	Assembly Materials	☐	Part number change	☐	Wafer Bump Process																					
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site																					
☒	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials																					
				☐	Wafer Fab Process																					
PCN Details																										
Description of Change:																										
This PCN is canceled. All affected devices will continue to ship using the current carrier tape material. There are design improvements on the proposed carrier tape that needs to be implemented and will require re-qualification. This notification is to inform of TI's Qualification of change for Carrier Tape 4135168-0070 supporting 14/16 pin SOP and 28 pin SSOP package devices. Carrier tape comparison as follows: Carrier Tape Comparison: <table border="1"> <thead> <tr> <th>Item</th> <th>Current</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>Supplier</td> <td>Cpak</td> <td>Cpak</td> </tr> <tr> <td>Material</td> <td>Polystyrene</td> <td>Polystyrene</td> </tr> <tr> <td>Color</td> <td>Black</td> <td>Black</td> </tr> <tr> <td>Dimension (detail comparison in table 2 in sheet 4)</td> <td> A0 = 8.1mm ± 0.1 B0 = 10.50mm ± 0.1 K0 = 2.5mm ± 0.1 K1 = 2.2mm ± 0.1 W = 16.0mm ± 0.3 </td> <td> A0 = 8.60mm ± 0.1 B0 = 10.50mm ± 0.1 K0 = 2.50mm ± 0.1 K1 = 1.95mm ± 0.1 W = 16.00mm ± 0.1 </td> </tr> <tr> <td>Surface resistivity</td> <td>Between 1.01x 10⁵ to 8.12 x 10⁵</td> <td>Between 1.54x10⁵ to 5.37 x 10⁶</td> </tr> <tr> <td>Part number</td> <td>4135168-0070</td> <td>4212589-0026</td> </tr> </tbody> </table>						Item	Current	Proposed	Supplier	Cpak	Cpak	Material	Polystyrene	Polystyrene	Color	Black	Black	Dimension (detail comparison in table 2 in sheet 4)	A0 = 8.1mm ± 0.1 B0 = 10.50mm ± 0.1 K0 = 2.5mm ± 0.1 K1 = 2.2mm ± 0.1 W = 16.0mm ± 0.3	A0 = 8.60mm ± 0.1 B0 = 10.50mm ± 0.1 K0 = 2.50mm ± 0.1 K1 = 1.95mm ± 0.1 W = 16.00mm ± 0.1	Surface resistivity	Between 1.01x 10 ⁵ to 8.12 x 10 ⁵	Between 1.54x10 ⁵ to 5.37 x 10 ⁶	Part number	4135168-0070	4212589-0026
Item	Current	Proposed																								
Supplier	Cpak	Cpak																								
Material	Polystyrene	Polystyrene																								
Color	Black	Black																								
Dimension (detail comparison in table 2 in sheet 4)	A0 = 8.1mm ± 0.1 B0 = 10.50mm ± 0.1 K0 = 2.5mm ± 0.1 K1 = 2.2mm ± 0.1 W = 16.0mm ± 0.3	A0 = 8.60mm ± 0.1 B0 = 10.50mm ± 0.1 K0 = 2.50mm ± 0.1 K1 = 1.95mm ± 0.1 W = 16.00mm ± 0.1																								
Surface resistivity	Between 1.01x 10 ⁵ to 8.12 x 10 ⁵	Between 1.54x10 ⁵ to 5.37 x 10 ⁶																								
Part number	4135168-0070	4212589-0026																								
Reason for Change:																										
Continuity of Packaging																										
Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):																										
Tape Side pocket reflection causing high rejection rate on lead abnormality during Tape and Reel process																										
Changes to product identification resulting from this PCN:																										
None																										
Product Affected:																										
Please see page two of this document for your list of PCN affected devices.																										

Qualification Data



Revision: C

EQ# :

A/T Site: MLA

Lead Package Carrier Tape Qualification Summary

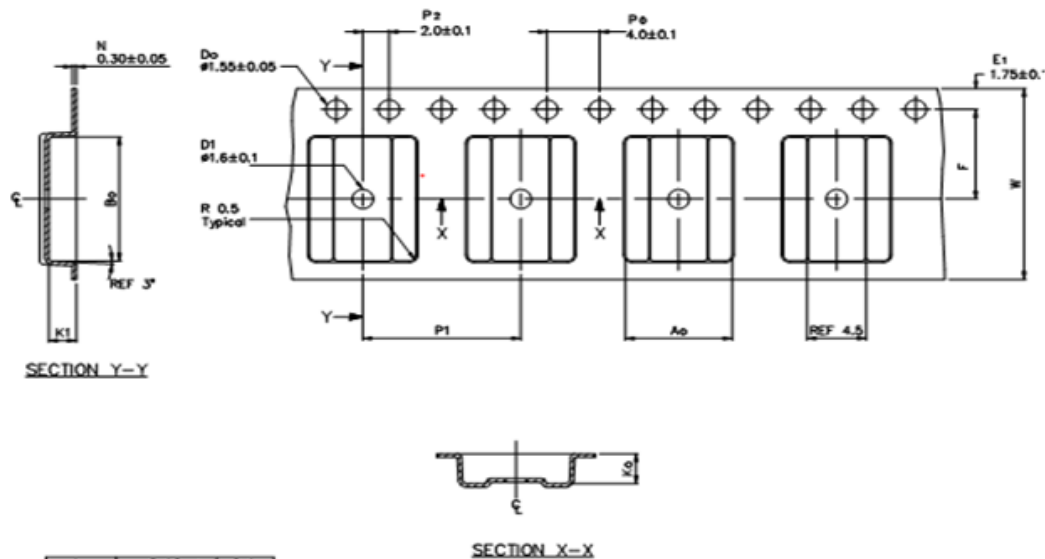
Reference (QSS 003-008, 009-006, 014-102, 007-102)

Supplier:	C-PAK PTE LTD	
Supplier Part No:	S406031119-01	
TI Part No:	4212589-0026	(If available)
Weight/meter (g):	4.8 gm	
Material:	14 NS	
Package Description:	SOP	
Package Designator:	SSOP 28H6 CL3 22X6G3 L390 W16	
Result:	PASS	
Date:	August 19, 2014	

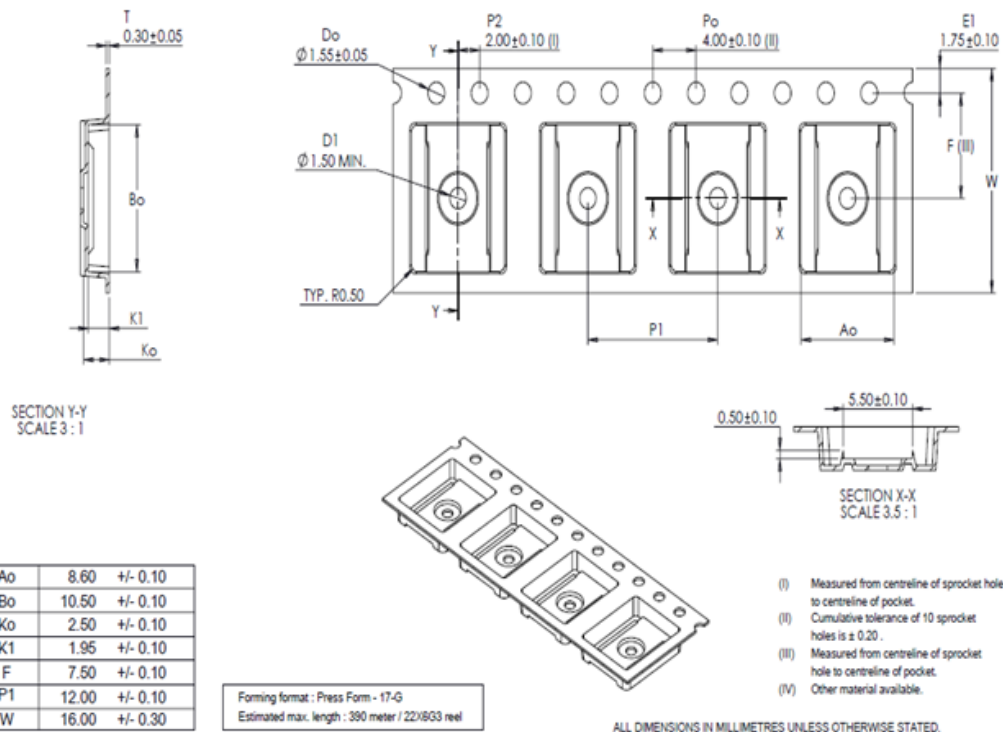
I. First Article Inspection Test	PASS	(Pass/Fail)
II. Manufacturability Test	PASS	
III. Dimensional Test	PASS	
IV. Camber Test	PASS	
V. Electrical Test	PASS	
VI. Fit Analysis	PASS	
VII. Drop Test	PASS	

Appendix A: Tape Design comparison

Current Tape



Proposed Tape



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

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com

Cancel