

<b>PCN Number:</b>	20150211000B		<b>PCN Date:</b>	03/30/2015	
<b>Title:</b>	Qualification of Carrier Tape for 14/16 pin SOP and 28 pin SSOP device				
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services		
<b>Proposed 1<sup>st</sup> Ship Date:</b>	06/30/2015		<b>Estimated Sample Availability:</b>	Date provided at sample request	
<b>Change Type:</b>					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Site
<input checked="" type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Materials
				<input type="checkbox"/>	Wafer Fab Process
<b>PCN Details</b>					
<b>Description of Change:</b>					
Revision B is to announce (1) <u>addition</u> of new devices that were not included on the original PCN notification, (2) update carrier tape comparison table in <b>Blue</b> text and (3) remove select devices in Group 2 of the Product Affected Section (with <del>strikethrough</del> and highlighted in yellow).					
<b>Group 1 device:</b> New devices being added to the PCN notification. The expected first shipment date for these new devices will be 90 days from this notice for these newly added devices only.					
<b>Group 2 device:</b> Device being retracted					
<b>Group 3 device:</b> Original device list that are impacted on this change					
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:					
<b>Carrier Tape Comparison:</b>					
<b>Item</b>	<b>Current</b>		<b>Proposed</b>		
Supplier	<u>Cpak</u>		<u>Cpak</u>		
Material	Polystyrene		Polystyrene		
Color	Black		Black		
Dimension (detail comparison in table 2 in sheet 4)	A0 = 8.1mm ± 0.1 B0 = <b>10.40</b> mm ± 0.1 K0 = 2.5mm ± 0.1 K1 = <b>2.1</b> mm ± 0.1 W = 16.0mm ± 0.3		<b>A0 = 8.60mm ± 0.1</b> B0 = 10.50mm ± 0.1 K0 = 2.50mm ± 0.1 <b>K1 = 1.95mm ± 0.1</b> W = 16.00mm ± <b>0.3</b>		
Surface resistivity	Between 1.01x 10 <sup>5</sup> to 8.12 x 10 <sup>5</sup>		Between 1.54x10 <sup>5</sup> to 5.37 x 10 <sup>6</sup>		
Part number	4135168-0070		4212589-0026		
<b>Reason for Change:</b>					
Continuity of Packaging. Tape Side pocket reflection causing high rejection rate on lead abnormality during Tape and Reel process					
<b>Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):</b>					
None					
<b>Changes to product identification resulting from this PCN:</b>					
None					
<b>Product Affected Group 1: Additional Devices</b>					

ADS1256IDBRG4	PCM1792ADB	SN74HC02ANS	SN74LS32NS
ADS1256IDBTG4	PCM1792ADBG4	SN74HC02NS	SN74LS32NSRG4
ADS7871IDB	PCM1792ADBRG4	SN74HC02NSRG4	SN74LS33NS
ADS7871IDBG4	PCM1794ADB	SN74HC03NS	SN74LS365ANS
AM26C31CNS	PCM1794ADBG4	SN74HC04ANS	SN74LS367ANS
AM26C31CNS-P	PCM1795DB	SN74HC04ANSRE4	SN74LS368ANS
AM26C31CNSRG4	PCM1796DB	SN74HC04NS	SN74LS37NS
AM26C31INS	PCM1796DBG4	SN74HC04NSRG4	SN74LS38NS
AM26C32CNS	PCM1804DB	SN74HC05ANS	SN74LS390NS
AM26C32CNS-P	PCM1804DBG4	SN74HC05NS	SN74LS393NS
AM26C32CNSRE4	PCM1804DBRG4	SN74HC05NSRE4	SN74LS423NS
AM26C32CNSRG4	PCM2704CDB	SN74HC05NSRG4	SN74LS47NS
AM26C32INS	PCM2704DB	SN74HC08ANS	SN74LS590NS
AM26LS31CNS	PCM2704DBG4	SN74HC08NS	SN74LS592NS
AM26LS31CNS-H	PCM2704DBRG4	SN74HC08NSRE4	SN74LS624NS
AM26LS32ACNS	PCM2704S1DB	SN74HC08NSRG4	SN74LS624NSRG4
AM26LS32ACNSRG4	PCM2705CDB	SN74HC109NS	SN74LS670NS
AM26LV31CNS	PCM2705DB	SN74HC109NSRE4	SN74LS74ANS
AM26LV31INS	PCM2705DBG4	SN74HC10ANS	SN74LS74ANSRG4
AM26LV32CNS	PCM2705DBRG4	SN74HC10NS	SN74LS85NS
AM26LV32CNSRG4	PCM2900BDB	SN74HC10NSRE4	SN74LS86ANS
AM26LV32INS	PCM2900CDB	SN74HC11ANS	SN74LV00ANS
AM26LV32INSG4	PCM2900E-P	SN74HC11NS	SN74LV00ANSRG4
AM26LV32INSG4	PCM2900E/2KG4	SN74HC125ANS	SN74LV02ANS
CD14538BNSRE4	PCM2902BDB	SN74HC125NS	SN74LV04ANS
CD4001BNS	PCM2902CDB	SN74HC125NSRE4	SN74LV05ANS
CD4001BNSRG4	PCM2902E	SN74HC125NSRG4	SN74LV06ANS
CD4002BNS	PCM2902EG4	SN74HC126NS	SN74LV06ANSRG4
CD4002BNSRE4	PCM2903BDB	SN74HC126NSRG4	SN74LV07ANS
CD4002BNSRG4	PCM2903CDB	SN74HC132ANS	SN74LV07ANSRG4
CD4007UBNSRG4	PCM2906BDB	SN74HC132NS	SN74LV08ANS
CD40103BNSRG4	PCM2906BS1DB	SN74HC132NS-P	SN74LV08ANS-P
CD40106BNSRG4	PCM2906CDB	SN74HC132NSRE4	SN74LV123ANS
CD40109BNSRE4	PCM3001E	SN74HC132NSRG4	SN74LV125ANS
CD40109BNSRG4	PCM3001E/2KG4	SN74HC138ANS	SN74LV126ANS
CD4011BNS	PCM3001EG4	SN74HC138NS	SN74LV132ANS
CD4011BNSRG4	PCM4202DB	SN74HC139ANS	SN74LV138ANS
CD4011UBNSRG4	PCM4202DBG4	SN74HC139NS	SN74LV139ANS
CD4012BNS	PCM4202DBRG4	SN74HC139NSRE4	SN74LV139ANSRE4
CD4012BNSRG4	PCM4202DBTG4	SN74HC148ANS	SN74LV14ANS
CD4013BNS	PGA2500IDB	SN74HC148NS	SN74LV14ANS-P
CD4013BNSRG4	PGA2500IDBG4	SN74HC14ANS	SN74LV14ANSRG4
CD40161BNS	PGA2500IDBRG4	SN74HC14NS	SN74LV157ANS
CD40174BNS	PPCM1795DB	SN74HC14NSRE4	SN74LV161ANS
CD40175BNSRE4	PPCM2704CDB	SN74HC151ANS	SN74LV164ANS
CD4017BNSRG4	PPCM2705CDB	SN74HC151ANS-P	SN74LV165ANS
CD40193BNSRE4	PPCM2900BDB	SN74HC151ANSRG4	SN74LV32ANS
CD4020BNS	PPCM2900CDB	SN74HC151NS	SN74LV393ANS
CD4020BNSRG4	PPCM2902BDB	SN74HC153ANS	SN74LV4046ANS
CD4022BNSRE4	PPCM2902CDB	SN74HC153NS	SN74LV4051ANS
CD4023BNS	PPCM2903BDB	SN74HC157ANS	SN74LV4052ANS
CD4023BNSRG4	PPCM2903CDB	SN74HC157NS	SN74LV4066ANS
CD4024BNSRG4	PPCM2906BDB	SN74HC157NSRG4	SN74LV595ANS
CD4025BNSRE4	PPCM2906BDBR	SN74HC158ANS	SN74LV74ANS
CD4027BNS	PPCM2906BS1DB	SN74HC161ANS	SN74LV86ANS
CD4027BNSRE4	PPCM2906CDB	SN74HC161NS	SN74LVC00ANS

CD4027BNSRG4	SG3524NS	SN74HC163ANS	SN74LVC00ANSRG4
CD4028BNS	SN65C1167ENS	SN74HC163NS	SN74LVC02ANS
CD4028BNSRE4	SN65C1167NSRG4	SN74HC164ANS	SN74LVC02ANSRE4
CD4028BNSRG4	SN65C1168ENS	SN74HC164NS	SN74LVC04ANS
CD4029BNSRE4	SN65C1168ENSG4	SN74HC165ANS	SN74LVC04ANSRG4
CD4030BNSRG4	SN65C1168NS	SN74HC165NS	SN74LVC06ANS
CD4042BNS	SN65C1168NSRG4	SN74HC165NSRG4	SN74LVC07ANS
CD4043BNSRE4	SN65C3238EDB	SN74HC166ANS	SN74LVC08ANS
CD4046BNSRE4	SN65C3243DBRG4	SN74HC166NS	SN74LVC08ANSRE4
CD4046BNSRG4	SN65LVDS31NS	SN74HC174ANS	SN74LVC10ANS
CD4047BNS	SN65LVDS32NS	SN74HC174NS	SN74LVC139ANS
CD4049UBNS	SN7406NS	SN74HC175NS	SN74LVC14ANS
CD4049UBNSRG4	SN7407NS	SN74HC191NS	SN74LVC32ANS
CD4051BNS	SN7407NSRE4	SN74HC193NS	SN74LVC32ANSRE4
CD4051BNSRE4	SN7407NSRG4	SN74HC20ANS	SN74LVC74ANS
CD4052BNS	SN74128NS	SN74HC20NS	SN74LVC86ANS
CD4052BNSRG4	SN7414NS	SN74HC21ANS	SN74LVTH125NS
CD4053BNS	SN7416NS	SN74HC21NS	SN74LVTH125NSRE4
CD4066BNS	SN7438NS	SN74HC253NS	SN74LVTH126NS
CD4068BNSRE4	SN74ABT125NS	SN74HC257NS	SN74LVU04ANS
CD4069UBNS	SN74ABT125NSRG4	SN74HC259ANS	SN74S04NS
CD4069UBNSRG4	SN74ABT126NS	SN74HC259NS	SN74S05NS
CD4070BNSRG4	SN74AC00NS	SN74HC266ANS	SN74S1051NS
CD4071BNS	SN74AC04NS	SN74HC27ANS	SN74S140NS
CD4071BNSRG4	SN74AC08NS	SN74HC27NS	SN74S38NS
CD4072BNSRE4	SN74AC08NSRG4	SN74HC32ANS	SN75107ANS
CD4072BNSRG4	SN74AC14NS	SN74HC32ANSRG4	SN75107BNS
CD4073BNS	SN74AC14NSRG4	SN74HC32NS	SN75110ANS
CD4077BNS	SN74AC32NS	SN74HC365NS	SN75113NS
CD4077BNSRG4	SN74AC74NS	SN74HC367ANS	SN75115NS
CD4078BNS	SN74AC86NSRG4	SN74HC367NS	SN75116NS
CD4078BNSRG4	SN74ACT00NS	SN74HC367NS-P	SN751177NS
CD4081BNS	SN74ACT04NS	SN74HC368ANS	SN751177NSG4
CD4081BNSRG4	SN74ACT04NSRG4	SN74HC393ANS	SN751177NSR
CD4082BNSRG4	SN74ACT08NS	SN74HC393NS	SN751177NSRE4
CD4093BNS	SN74ACT14NS	SN74HC393NS-P	SN751177NSRG4
CD4093BNSRG4	SN74ACT14NSRG4	SN74HC393NSRE4	SN751178NS
CD4504BNS-E	SN74ACT32NS	SN74HC4020ANS	SN751178NSRE4
CD4510BNS	SN74ACT74NS	SN74HC4020ANSR	SN751178NSRG4
CD4510BNSRG4	SN74ACT86NSRG4	SN74HC4020NS	SN75121NS
CD4511BNSRG4	SN74AHC00NS	SN74HC4020NS-P	SN75124NS
CD4518BNS	SN74AHC02NS	SN74HC4020NSRG4	SN75138NS
CD4518BNSRG4	SN74AHC04NS	SN74HC4040ANS	SN75154NS
CD4527BNS	SN74AHC05NS	SN74HC4040ANSR	SN75173NS
CD4527BNSRG4	SN74AHC08NS	SN74HC4040NS	SN75175NS
CD4532BNS	SN74AHC125NS	SN74HC4040NSRE4	SN75175NSRE4
CD4536BNS	SN74AHC125NSRG4	SN74HC4060ANS	SN75175NSRG4
CD4536BNSRG4	SN74AHC126NS	SN74HC4060NS	SN75182NS
CD4541BNSRG4	SN74AHC138NS	SN74HC4060NSRE4	SN75183NS
CD4543BNS	SN74AHC139NS	SN74HC4066NS	SN75188NS
CD4543BNSRG4	SN74AHC14NS	SN74HC595ANS	SN75188NSRG4
CD4585BNSRE4	SN74AHC157NS	SN74HC595ANSRE4	SN75189ANS
CD74ACT153NS	SN74AHC32NS	SN74HC595NS	SN75189ANSRG4
CD74HC112NS	SN74AHC4066NSRG4	SN74HC595NS-P	SN75189NS
CD74HC123NS	SN74AHC594NSRE4	SN74HC74ANS	SN75207BNS
CD74HC123NSRG4	SN74AHC74NS	SN74HC74NS	SN7534050NS

CD74HC192NSRG4	SN74AHC86NS	SN74HC74NSRE4	SN7534050NSG4
CD74HC238NS	SN74AHCT00NS	SN74HC74NSRG4	SN7534051NS
CD74HC4017NS	SN74AHCT00NSRG4	SN74HC86ANS	SN75468NS
CD74HC4017NSRE4	SN74AHCT04NS	SN74HC86NS	SN75468NSRG4
CD74HC4046ANSRE4	SN74AHCT08NS	SN74HC86NSRE4	SN75ALS1178NS
CD74HC4049NS	SN74AHCT132NS	SN74HC86NSRG4	SN75ALS1178NSE4
CD74HC4049NSRE4	SN74AHCT14NS	SN74HCT00ANS	SN75ALS1178NSR
CD74HC4049NSRG4	SN74AHCT14NSRE4	SN74HCT00NS	SN75ALS1178NSRG4
CD74HC4050NS	SN74AHCT74NS	SN74HCT02NSRG4	SN75ALS173NS
CD74HC4050NSRG4	SN74AHCU04NS	SN74HCT04ANS	SN75ALS173NSE4
CD74HC4051NS	SN74ALS00ANS	SN74HCT04ANSRE4	SN75ALS173NSRG4
CD74HC4051NSRE4	SN74ALS02ANS	SN74HCT04NS	SN75ALS175NS
CD74HC4052NS	SN74ALS04BNS	SN74HCT08ANS	SN75ALS181NS
CD74HC4052NSRG4	SN74ALS04BNSRE4	SN74HCT08NS	SN75ALS181NSE4
CD74HC4094NS	SN74ALS04BNSRG4	SN74HCT138ANS	SN75ALS181NSRG4
CD74HC4094NSRE4	SN74ALS05ANS	SN74HCT138NS	SN75ALS192NS
CD74HC4511NS	SN74ALS08NS	SN74HCT138NSRG4	SN75ALS192NSRE4
CD74HC85NS	SN74ALS08NSRG4	SN74HCT32ANS	SN75ALS192NSRG4
CDC319DB	SN74ALS10ANS	SN74HCT32NS	SN75ALS194NS
CDC319DBG4	SN74ALS11ANS	SN74HCT32NSRG4	SN75ALS197NS
CDC319DBRG4	SN74ALS133NS	SN74HCT74NS	SN75C1167NS
DSD1796DB	SN74ALS139NS	SN74HCT74NSRE4	SN75C1167NSRG4
DSD1796DBG4	SN74ALS151NS	SN74HCU04ANS	SN75C1168NS
HPA00436E/2K	SN74ALS153NS	SN74HCU04ANSRG4	SN75C1168NSRG4
LM2901NS	SN74ALS158NS	SN74HCU04NS	SN75C1406NS
LM2901NSRG4	SN74ALS166NS	SN74HCU04NSRG4	SN75C188NS
LM2902KNSRG4	SN74ALS174NS	SN74LS00NS	SN75C189ANS
LM2902NS	SN74ALS175NS	SN74LS00NSRG4	SN75C189ANSRG4
LM324ANS	SN74ALS20ANS	SN74LS02NS	SN75C189NS
LM324ANSRG4	SN74ALS21ANS	SN74LS02NSRG4	SN75C3238DBRE4
LM324NS	SN74ALS27ANS	SN74LS03NS	SN75C3238EDB
LM324NSRE4	SN74ALS30ANS	SN74LS04NS	SN75C3238EDBRG4
LM324NSRG4	SN74ALS32NS	SN74LS04NSRG4	SN75C3243DB
LM339ANS	SN74ALS32NSRG4	SN74LS05NS	SN75LBC187DBRG4
LM339ANSRG4	SN74ALS38BNS	SN74LS06NS	TL054CNS
LM339NS	SN74ALS74ANS	SN74LS06NSG4	TL064CNS
LM339NSRG4	SN74ALS86NS	SN74LS06NSRG4	TL064CNSRG4
LM348NS	SN74ALVC125NS	SN74LS07NS	TL064INS
LM348NSRG4	SN74ALVC125NSRE4	SN74LS07NSRE4	TL074ACNS
MAX211CDB	SN74AS00NS	SN74LS07NSRG4	TL074CNS
MAX211CDBE4	SN74AS02NS	SN74LS08NS	TL074CNSRG4
MAX211CDBG4	SN74AS04NS	SN74LS09NS	TL084ACNS
MAX211IDB	SN74AS08NS	SN74LS107ANS	TL084ACNSRG4
MAX211IDBE4	SN74AS08NSG4	SN74LS109ANS	TL084CNS
MAX211IDBG4	SN74AS109ANS	SN74LS10NS	TL084CNSRG4
MAX211IDBRE4	SN74AS10NS	SN74LS112ANS	TL1451ACNS
MAX211IDBRG4	SN74AS138NS	SN74LS11NS	TL1451ACNSG4
MAX213CDB	SN74AS151NS	SN74LS123NS	TL1451CNS
MAX213ECDB	SN74AS153NS	SN74LS123NSRG4	TL1451CNSG4
MAX213ECDBR	SN74AS158NS	SN74LS125ANS	TL1453CNS
MAX213EDBR	SN74AS161NS	SN74LS126ANS	TL1453CNSRG4
MAX213EIDB	SN74AS174NS	SN74LS132NS	TL441CNS
MAX213EIDBR	SN74AS175BNS	SN74LS136NS	TL494CNS
MAX213IDB	SN74AS20NS	SN74LS136NSRG4	TL494CNSRG4
MAX232NS	SN74AS21NS	SN74LS138NS	TL497ACNS
MAX3237ECDB	SN74AS257NS	SN74LS138NSRG4	TL594CNS

MAX3237ECDBG4	SN74AS27NS	SN74LS139ANS	TL594CNSRG4
MAX3237ECDBRG4	SN74AS280NS	SN74LS145NS	TL594INSRG4
MAX3237EIDB	SN74AS32NS	SN74LS145NS-P	TLC2274CNS
MAX3237EIDBG4	SN74AS74ANS	SN74LS148NS	TLC2274CNSG4
MAX3237EIDBRG4	SN74F00NS	SN74LS14NS	TLC274BCNS
MAX3238CDB	SN74F02NS	SN74LS151NS	TLC274CNS
MAX3238CDBE4	SN74F04NS	SN74LS153NS	TLC27L4BCNS
MAX3238CDBG4	SN74F04NSRG4	SN74LS155ANS	TLC27L4CNS
MAX3238CDBRE4	SN74F08NS	SN74LS156NS	TLC27M4CNS
MAX3238CDBRG4	SN74F10NS	SN74LS157NS	TLC3704CNS
MAX3238ECDB	SN74F112NS	SN74LS158NS	TLC374CNS
MAX3238EIDB	SN74F112NSRE4	SN74LS161ANS	TLC7524CNS
MAX3238EIDBG4	SN74F112NSRG4	SN74LS163ANS	TRS211CDB
MAX3238IDB	SN74F11NS	SN74LS164NS	TRS213IDB
MAX3238IDBRG4	SN74F125NS	SN74LS164NSRE4	TRS3237ECDB
MAX3243CDB	SN74F138NS	SN74LS165ANS	TRS3237EIDB
MAX3243CDBG4	SN74F151BNS	SN74LS166ANS	TRS3238ECDB
MAX3243CDBRE4	SN74F157ANS	SN74LS174NS	TRS3238EIDB
MAX3243CDBRG4	SN74F161ANS	SN74LS175NS	TRS3243ECDB
MAX3243ECDB	SN74F163ANS	SN74LS191NS	TRS3243ECDBRG4
MAX3243ECDBE4	SN74F175NS	SN74LS193NS	TRS3243EIDB
MAX3243ECDBG4	SN74F20NS	SN74LS19ANS	TRS3243IDB
MAX3243ECDBRE4	SN74F27NS	SN74LS20NS	TRSF3243IDB
MAX3243EIDB	SN74F280BNS	SN74LS21NS	UA723CNS
MAX3243EIDBG4	SN74F30NS	SN74LS221NS	UA733CNS
MAX3243IDB	SN74F32NS	SN74LS247NS	ULN2003ANS
MAX3243IDBG4	SN74F38NS	SN74LS251NS	ULN2003ANSRE4
MAX3243IDBRE4	SN74F38NSRE4	SN74LS257BNS	ULN2003ANSRG4
MAX3243IDBRG4	SN74F74NS	SN74LS279ANS	ULN2004AINSRG4
MC3486NS	SN74F74NSRE4	SN74LS27NS	ULN2004ANS
MC3487NS	SN74F74NSRG4	SN74LS280NS	V62/05603-01XE
NE556NS	SN74F86NS	SN74LS283NS	V62/06624-01XE
PCM1791ADB	SN74HC00ANS	SN74LS30NS	V62/07642-01XE
PCM1791ADBG4	SN74HC00NS	SN74LS31NS	

**Product Affected Group 2: Retracted Device**

SN105239ADBR	TPS2202AIDBR	TPS2206IDBR	TPS2226ADBR
SN105239DDBR	TPS2205IDBR	TPS2216ADBR	TPS2226DDBR
TPS2201IDBR	TPS2206ADBR	TPS2216DDBR	

**Product Affected Group 3: Original Devices**

74AC11008NSR	PCM1794ADBR	SN74HC00ANSR	SN74LS393NSR
74AC11032NSR	PCM1795DDBR	SN74HC00NSR	SN74LS423NSR
74AC11138NSR	PCM1796DDBR	SN74HC02ANSR	SN74LS47NSR
74ACT11074NSR	PCM1804DDBR	SN74HC02NSR	SN74LS51NSR
ADS1256IDBR	PCM2704CDBR	SN74HC03NSR	SN74LS590NSR
ADS1256IDBT	PCM2704DDBR	SN74HC04ANSR	SN74LS592NSR
ADS7871IDBR	PCM2704S1DDBR	SN74HC04NSR	SN74LS624NSR
ADS932E/2K	PCM2705CDBR	SN74HC05ANSR	SN74LS670NSR
AM26C31CNSR	PCM2705DDBR	SN74HC05NSR	SN74LS74ANSR
AM26C31INSR	PCM2900BDBR	SN74HC08ANSR	SN74LS75NSR
AM26C31INSR-B	PCM2900CDBR	SN74HC08NSR	SN74LS85NSR
AM26C32CNSR	PCM2900E/2K	SN74HC109NSR	SN74LS86ANSR
AM26C32INSR	PCM2902BDBR	SN74HC10ANSR	SN74LS90NSR

AM26LS31CNSR	PCM2902CDBR	SN74HC10NSR	SN74LS92NSR
AM26LS32ACNSR	PCM2902E/2K	SN74HC11ANSR	SN74LV00ANSR
AM26LV31CNSR	PCM2903BDBR	SN74HC11NSR	SN74LV02ANSR
AM26LV31EINSR	PCM2903CDBR	SN74HC125ANSR	SN74LV04ANSR
AM26LV31INSR	PCM2906BDBR	SN74HC125NSR	SN74LV05ANSR
AM26LV32CNSR	PCM2906BS1DBR	SN74HC126ANSR	SN74LV06ANSR
AM26LV32EINSR	PCM2906CDBR	SN74HC126NSR	SN74LV07ANSR
AM26LV32INSR	PCM3001E/2K	SN74HC132ANSR	SN74LV08ANSR
BUS1064FNSR	PCM4202DBR	SN74HC132NSR	SN74LV10ANSR
BUS1065GNSR	PCM4202DBT	SN74HC138ANSR	SN74LV11ANSR
BUS1066H1NSR	PCM4202IDBREP	SN74HC138NSR	SN74LV123ANSR
BUS1072JNSR	PGA2500IDBR	SN74HC139ANSR	SN74LV125ANSR
CD14538BNSR	SG3524NSR	SN74HC139NSR	SN74LV125ATNSR
CD4001BNSR	SN101178NSR	SN74HC148ANSR	SN74LV126ANSR
CD4002BNSR	SN1301037NSR	SN74HC148NSR	SN74LV132ANSR
CD4007UBNSR	SN250129NSR	SN74HC14ANSR	SN74LV138ANSR
CD40102BNSR	SN320002NSR	SN74HC14NSR	SN74LV139ANSR
CD40103BNSR	SN65C1167ENSR	SN74HC151ANSR	SN74LV14ANSR
CD40106BNSR	SN65C1167NSR	SN74HC151NSR	SN74LV157ANSR
CD40109BNSR	SN65C1168ENSR	SN74HC153ANSR	SN74LV161ANSR
CD4010BNSR	SN65C1168NSR	SN74HC153NSR	SN74LV163ANSR
CD4011BNSR	SN65C3238DBR	SN74HC157ANSR	SN74LV164ANSR
CD4011UBNSR	SN65C3238EDBR	SN74HC157NSR	SN74LV165ANSR
CD4012BNSR	SN65C3243DBR	SN74HC158ANSR	SN74LV166ANSR
CD4013BNSR	SN65LVDS31NSR	SN74HC158NSR	SN74LV174ANSR
CD40161BNSR	SN65LVDS32NSR	SN74HC161ANSR	SN74LV175ANSR
CD4016BNSR	SN7406NSR	SN74HC161NSR	SN74LV20ANSR
CD40174BNSR	SN7407NSR	SN74HC163ANSR	SN74LV21ANSR
CD40175BNSR	SN74128NSR	SN74HC163NSR	SN74LV221ANSR
CD4017BNSR	SN7414NSR	SN74HC164ANSR	SN74LV27ANSR
CD4018BNSR	SN7416NSR	SN74HC164NSR	SN74LV32ANSR
CD40192BNSR	SN7438NSR	SN74HC165ANSR	SN74LV367ANSR
CD40193BNSR	SN74ABT125NSR	SN74HC165NSR	SN74LV393ANSR
CD4019BNSR	SN74ABT126NSR	SN74HC166ANSR	SN74LV4040ANSR
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MAX213CDBR	SN74F10NSR	SN74LS20NSR	TRS213CDBR
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MAX232NSR	SN74F11NSR	SN74LS221NSR	TRS232NSR
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MAX3238ECDBR	SN74F153NSR	SN74LS279ANSR	TRS3238EIDBR
MAX3238EIDBR	SN74F157ANSR	SN74LS27NSR	TRS3243CDBR



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MAX3243CDBR	SN74F163ANSR	SN74LS283NSR	TRS3243EIDBR
MAX3243ECDBR	SN74F175NSR	SN74LS30NSR	TRS3243IDBR
MAX3243EIDBR	SN74F20NSR	SN74LS31NSR	TRSF3238ECDBR
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MC3403NSR	SN74F280BNSR	SN74LS365ANSR	UA733CNSR
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MC3487NSR	SN74F32NSR	SN74LS368ANSR	ULN2003ANSR
NE556NSR	SN74F38NSR	SN74LS37NSR	ULN2004AINSR
PCM1791ADBR	SN74F74NSR	SN74LS38NSR	ULN2004ANSR
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## Qualification Data



Revision: C

EQ# :  
A/T Site: MLA

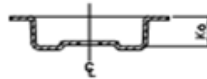
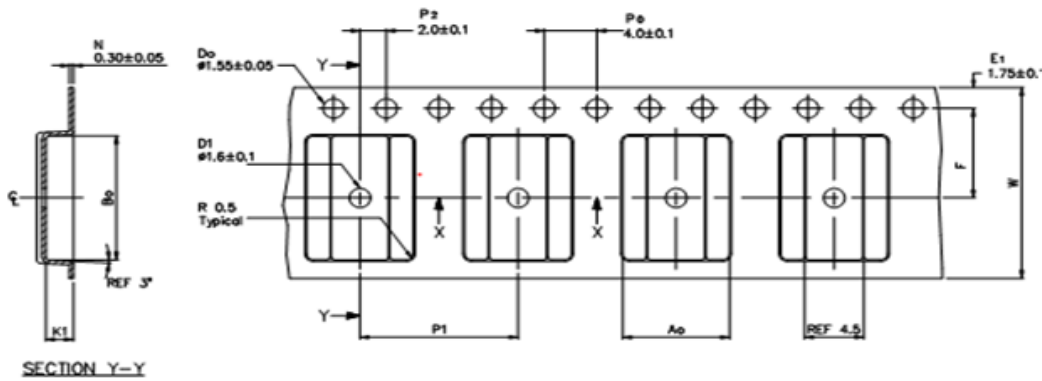
## Lead Package Carrier Tape Qualification Summary

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:	<b>PASS</b>
Date:	August 19, 2014

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

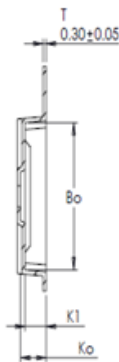
### Appendix A: Tape Design comparison Current Tape



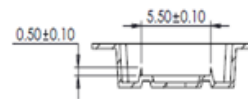
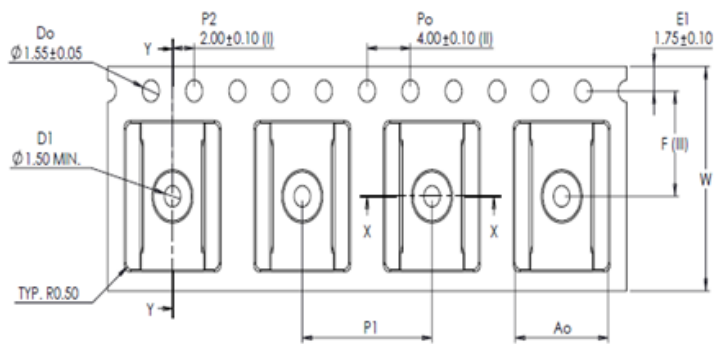
Ao	8.10	+/-0.1
Bo	10.40	+/-0.1
Ko	2.50	+/-0.1
K1	2.10	+/-0.1
F	7.50	+/-0.1
P1	12.00	+/-0.1
W	16.00	+/-0.3

T P/N	C-PAK P/N
4136156-0070	SSOP28/30

### Proposed Tape



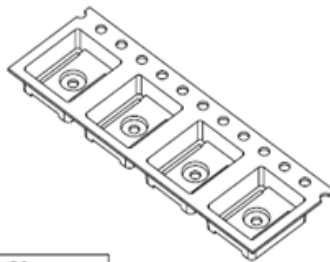
SECTION Y-Y  
SCALE 3:1



SECTION X-X  
SCALE 3.5:1

Ao	8.60	+/- 0.10
Bo	10.50	+/- 0.10
Ko	2.50	+/- 0.10
K1	1.95	+/- 0.10
F	7.50	+/- 0.10
P1	12.00	+/- 0.10
W	16.00	+/- 0.30

Forming format: Press Form - 17-G  
Estimated max. length: 390 meter / 2218G3 reel



- (I) Measured from centreline of sprocket hole to centreline of pocket.
- (II) Cumulative tolerance of 10 sprocket holes is ± 0.20.
- (III) Measured from centreline of sprocket hole to centreline of pocket.
- (IV) Other material available.

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

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	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>