



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

**PCN#20160920005A  
Carrier Tape Change for Select devices in the 20L SOP Package  
Final Change Notification**

**Date:** October 31, 2016  
**To:** TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

**Revision A is to announce the retraction of select devices.**

This is an announcement of 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. 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.

If additional data is required, requests must be received within 30 days of acknowledgement. You may contact the PCN Manager or your local Field Sales Representative to acknowledge this PCN and additional data if needed.

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](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services

**20160920005**  
**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> |
|-----------------|-----------------------------|
| SN64BCT244NS    | null                        |
| SN74ABT240ANS   | null                        |
| SN74ABT241ANS   | null                        |
| SN74ABT245BNS   | null                        |
| SN74ABT540NS    | null                        |
| SN74AC244NS     | null                        |
| SN74ACT244NS    | null                        |
| SN74ACT245NS    | null                        |
| SN74ACT373NS    | null                        |
| SN74ACT533NS    | null                        |
| SN74ACT534NS    | null                        |
| SN74AHC373NS    | null                        |
| SN74ALS374ANS   | null                        |
| SN74ALS541NS    | null                        |
| SN74ALS640B-1NS | null                        |
| SN74ALS641ANS   | null                        |
| SN74ALS642A-1NS | null                        |
| SN74ALS688NS    | null                        |
| SN74AS240ANS    | null                        |
| SN74BCT240NS    | null                        |
| SN74BCT540ANS   | null                        |
| SN74BCT757NS    | null                        |
| SN74F244NS      | null                        |
| SN74F245NS      | null                        |
| SN74F299NS      | null                        |
| SN74F521NS      | null                        |
| SN74F541NS      | null                        |
| SN74HC245NS     | null                        |
| SN74HC273NS     | null                        |
| SN74HC540ANS    | null                        |
| SN74HCT240NS    | null                        |
| SN74HCT244NS    | null                        |
| SN74HCT245NS    | null                        |
| SN74LS273NS     | null                        |
| SN74LS540NS     | null                        |
| SN74LS541NS     | null                        |
| SN74LS688NS     | null                        |
| SN74LV540ANS    | null                        |
| SN74LVC541ANS   | null                        |
| SN74LVCH244ANS  | null                        |
| SN74LVTH244ANS  | null                        |
| SN74LVTH541NS   | null                        |
| SN74S1053NS     | null                        |
| SN74HC541NS     | null                        |
| SN74LV273ANS    | null                        |
| SN74HC541ANS    | null                        |
| SN74HC573BNS    | null                        |
| SN74HCT244ANS   | null                        |
| SN74LV245ANS    | null                        |
| SN74ALS373ANS   | null                        |
| SN74ALS534ANS   | null                        |
| SN74AS760NS     | null                        |
| SN74AHC540NS    | null                        |
| SN74LS240NS     | null                        |
| SN74ABT244ANS   | null                        |
| SN74ALS240ANS   | null                        |
| SN74ALS244CNS   | null                        |
| SN74ALS245ANS   | null                        |

|                 |      |
|-----------------|------|
| SN74ALS273NS    | null |
| SN74ALS641A-1NS | null |
| SN74ALS645A-1NS | null |
| SN74BCT244NS    | null |
| SN74HC240NS     | null |
| SN74LS244NS     | null |
| SN74LS245NS     | null |
| SN74LS640NS     | null |
| SN74LS642NS     | null |
| SN74LVC244ANS   | null |
| SN74LVTH245ANS  | null |
| SN74HC373NS     | null |
| SN74LS645-1NS   | null |
| SN751730NS      | null |
| SN74F240NS      | null |
| SN74AC534NS     | null |
| SN74HC645NS     | null |
| SN74AHC244NS    | null |
| SN74AHC374NS    | null |
| SN74LS373NS     | null |
| SN74LVC240ANS   | null |

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

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
| <b>PCN Number:</b>                        | 20160920005A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>PCN Date:</b> | Oct. 31, 2016    |
| <b>Title:</b>                             | Carrier Tape Change for Select devices in the 20L SOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                  |
| <b>Customer Contact:</b>                  | PCN Manager                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Dept:</b>     | Quality Services |
| <b>Proposed 1<sup>st</sup> Ship Date:</b> | Dec. 29, 2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                  |
| <b>Change Type:</b>                       | <input type="checkbox"/> Assembly Site <input type="checkbox"/> Assembly Process <input type="checkbox"/> Assembly Materials<br><input type="checkbox"/> Design <input type="checkbox"/> Electrical Specification <input type="checkbox"/> Mechanical Specification<br><input type="checkbox"/> Test Site <input checked="" type="checkbox"/> Packing/Shipping/Labeling <input type="checkbox"/> Test Process<br><input type="checkbox"/> Wafer Bump Site <input type="checkbox"/> Wafer Bump Material <input type="checkbox"/> Wafer Bump Process<br><input type="checkbox"/> Wafer Fab Site <input type="checkbox"/> Wafer Fab Materials <input type="checkbox"/> Wafer Fab Process<br><input type="checkbox"/> Part number change |                  |                  |

## PCN Details

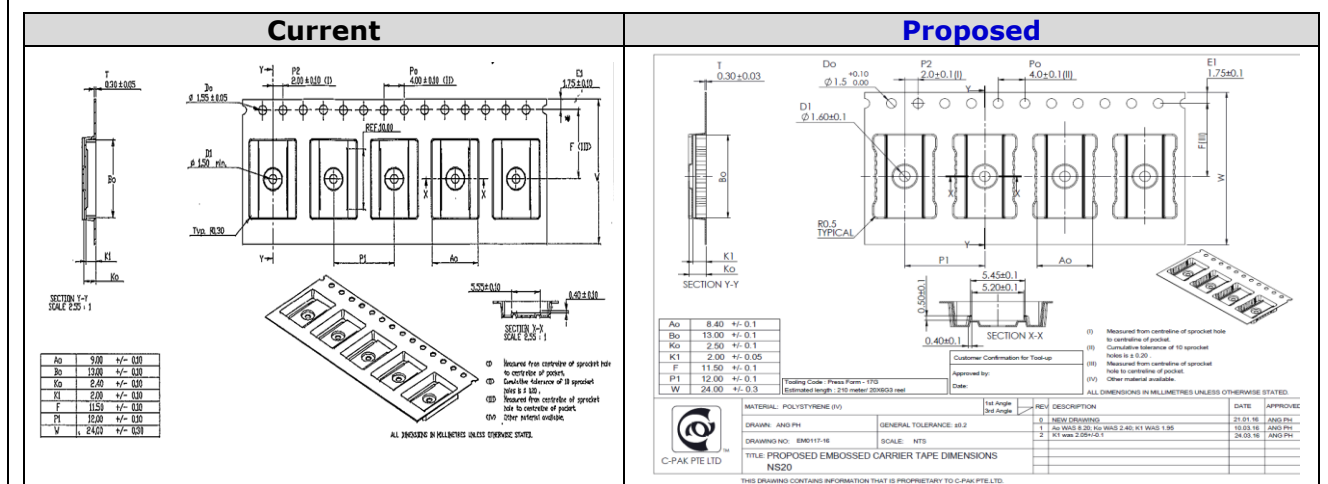
### Description of Change:

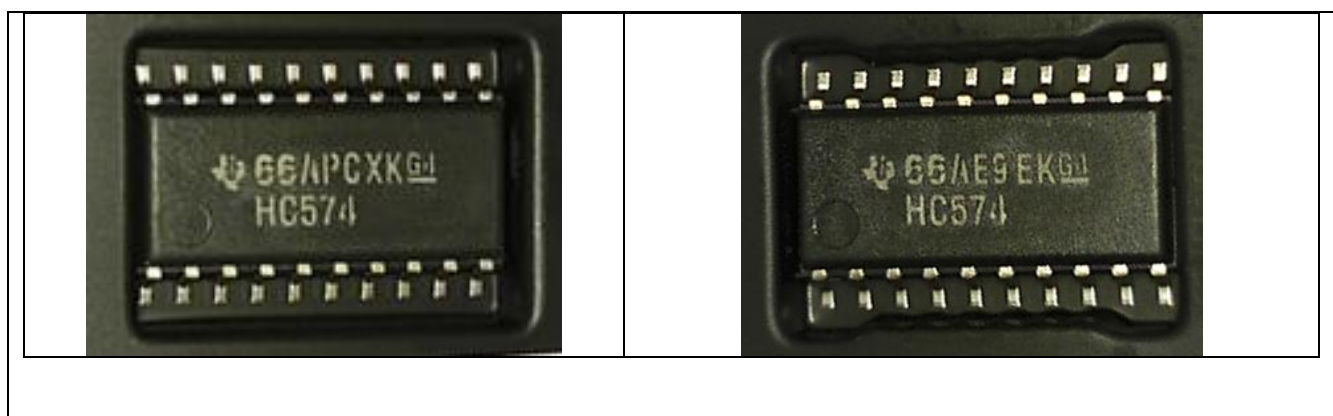
**Revision A** is to announce the retraction of select devices. These devices will continue to be manufactured as prior and will not be subjected to the change described in this notification. Affected devices are identified with a **strikethrough** and are highlighted in yellow in the Product Affected Section.

Texas Instruments is pleased to announce the qualification of a new carrier tape for select devices in the 20L SOP package. The material composition, supplier, and color between the 2 carrier tapes are the same. A dimensional comparison summary is below:

| Dimension | From               | To                 |
|-----------|--------------------|--------------------|
| Ao        | 9.00 (+/- 0.1) mm  | 8.40 (+/- 0.1) mm  |
| Bo        | 13.00 (+/- 0.1) mm | 13.00 (+/- 0.1) mm |
| Ko        | 2.40 (+/- 0.1) mm  | 2.50 (+/- 0.1) mm  |
| K1        | 2.00 (+/- 0.05) mm | 2.00 (+/- 0.05) mm |
| F         | 11.50 (+/- 0.1) mm | 11.50 (+/- 0.1) mm |
| P1        | 12.00 (+/- 0.1) mm | 12.00 (+/- 0.1) mm |
| W         | 24.00 (+/- 0.3) mm | 24.00 (+/- 0.3) mm |

Carrier tape Dimensions :





| Reason for Change:                                                                       |                        |                      |                      |
|------------------------------------------------------------------------------------------|------------------------|----------------------|----------------------|
| Pocket Optimization                                                                      |                        |                      |                      |
| Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative): |                        |                      |                      |
| None                                                                                     |                        |                      |                      |
| Changes to product identification resulting from this PCN:                               |                        |                      |                      |
| New Carrier Tape                                                                         |                        |                      |                      |
| Product Affected:                                                                        |                        |                      |                      |
| <b>CD74HC688NS</b>                                                                       | SN74AHCT540NSRE4       | <b>SN74F245NS</b>    | SN74LS377NSR         |
| CD74HC688NSR                                                                             | <b>SN74AHCT541NS</b>   | SN74F245NSR          | <b>SN74LS540NS</b>   |
| <b>CDC208NS</b>                                                                          | <b>SN74AHCT541NS-P</b> | <b>SN74F299NS</b>    | <b>SN74LS540NSE4</b> |
| <b>CDC208NSG4</b>                                                                        | SN74AHCT541NSR         | <b>SN74F373NS</b>    | SN74LS540NSR         |
| CDC208NSR                                                                                | SN74AHCT574NSR         | SN74F373NSR          | <b>SN74LS541NS</b>   |
| CDC208NSRG4                                                                              | SN74AHCT574NSRG4       | <b>SN74F374NS</b>    | SN74LS541NSR         |
| <b>CDC341NS</b>                                                                          | <b>SN74ALS240A-1NS</b> | SN74F374NSR          | SN74LS541NSRG4       |
| <b>CDC341NSG4</b>                                                                        | SN74ALS240A-1NSR       | <b>SN74F521NS</b>    | <b>SN74LS640-1NS</b> |
| CLVTH273MNSREPG4                                                                         | <b>SN74ALS240ANS</b>   | SN74F521NSR          | SN74LS640-1NSR       |
| <b>SN64BCT244NS</b>                                                                      | SN74ALS240ANSR         | <b>SN74F541NS</b>    | <b>SN74LS640NS</b>   |
| SN64BCT244NSR                                                                            | <b>SN74ALS241CNS</b>   | SN74F541NSR          | SN74LS640NSR         |
| <b>SN65ALS541NS</b>                                                                      | <b>SN74ALS244C-1NS</b> | SN74F574NSR          | <b>SN74LS641NS</b>   |
| SN65ALS541NSR                                                                            | SN74ALS244C-1NSR       | <b>SN74HC240ANS</b>  | SN74LS641NSR         |
| SN65ALS541NSRG4                                                                          | SN74ALS244C-1NSRG4     | SN74HC240ANSR        | <b>SN74LS642NS</b>   |
| SN65ALS543NSR                                                                            | <b>SN74ALS244CNS</b>   | <b>SN74HC240NS</b>   | <b>SN74LS642NSG4</b> |
| SN65ALS544NSR                                                                            | SN74ALS244CNSR         | SN74HC240NSR         | SN74LS642NSR         |
| SN65ALS544NSRG4                                                                          | SN74ALS244CNSRG4       | SN74HC240NSRE4       | <b>SN74LS645-1NS</b> |
| SN74ABT2240ANSR                                                                          | <b>SN74ALS245A-1NS</b> | SN74HC241ANSR        | SN74LS645-1NSR       |
| <b>SN74ABT2244ANS</b>                                                                    | SN74ALS245A-1NSR       | <b>SN74HC241NS</b>   | <b>SN74LS645NS</b>   |
| SN74ABT2244ANSR                                                                          | <b>SN74ALS245ANS</b>   | <b>SN74HC241NSE4</b> | SN74LS645NSR         |
| SN74ABT2244ANSRE4                                                                        | SN74ALS245ANSR         | SN74HC241NSR         | <b>SN74LS682NS</b>   |
| <b>SN74ABT2245NS</b>                                                                     | SN74ALS245ANSRG4       | <b>SN74HC244ANS</b>  | SN74LS682NSR         |

|                      |                        |                      |                       |
|----------------------|------------------------|----------------------|-----------------------|
| <b>SN74ABT240ANS</b> | <b>SN74ALS273NS</b>    | SN74HC244ANSR        | SN74LS684NSR          |
| SN74ABT240ANSR       | SN74ALS273NSR          | SN74HC244ANSRG4      | <b>SN74LS688NS</b>    |
| <b>SN74ABT241ANS</b> | <b>SN74ALS299NS</b>    | <b>SN74HC244NS</b>   | SN74LS688NSR          |
| <b>SN74ABT244ANS</b> | <b>SN74ALS373ANS</b>   | SN74HC244ANSR        | <b>SN74LV240ANS</b>   |
| SN74ABT244ANSR       | SN74ALS373ANSR         | SN74HC244ANSRG4      | SN74LV240ANSR         |
| SN74ABT244ANSRG4     | SN74ALS373ANSRG4       | <b>SN74HC245ANS</b>  | <b>SN74LV244ANS</b>   |
| <b>SN74ABT245BNS</b> | <b>SN74ALS374ANS</b>   | SN74HC245ANSR        | SN74LV244ANSR         |
| SN74ABT245BNSR       | SN74ALS374ANSR         | <b>SN74HC245NS</b>   | SN74LV244ATNSR        |
| <b>SN74ABT273NS</b>  | <b>SN74ALS520NS</b>    | SN74HC245NSR         | <b>SN74LV245ANS</b>   |
| SN74ABT273NSR        | SN74ALS520NSR          | SN74HC245NSRE4       | SN74LV245ANSR         |
| <b>SN74ABT373NS</b>  | SN74ALS521NSR          | <b>SN74HC273ANS</b>  | SN74LV245ANSRG4       |
| SN74ABT373NSR        | SN74ALS533ANSR         | SN74HC273ANSR        | SN74LV245ATNSR        |
| SN74ABT373NSRE4      | <b>SN74ALS534ANS</b>   | <b>SN74HC273NS</b>   | <b>SN74LV273ANS</b>   |
| SN74ABT373NSRG4      | SN74ALS534ANSR         | <b>SN74HC273NS-P</b> | SN74LV273ANSR         |
| <b>SN74ABT374ANS</b> | <b>SN74ALS540-1NS</b>  | SN74HC273NSR         | SN74LV373ANSR         |
| SN74ABT374ANSR       | SN74ALS540-1NSR        | SN74HC273NSRG4       | SN74LV373ATNSR        |
| <b>SN74ABT377ANS</b> | <b>SN74ALS540NS</b>    | SN74HC373ANSR        | <b>SN74LV374ANS</b>   |
| SN74ABT377ANSR       | SN74ALS540NSR          | <b>SN74HC373NS</b>   | SN74LV374ANSR         |
| <b>SN74ABT534ANS</b> | SN74ALS540NSRG4        | SN74HC373NSR         | SN74LV374ANSRE4       |
| <b>SN74ABT540NS</b>  | <b>SN74ALS541-1NS</b>  | SN74HC373NSRE4       | SN74LV374ATNSR        |
| SN74ABT540NSR        | SN74ALS541-1NSR        | <b>SN74HC374ANS</b>  | <b>SN74LV540ANS</b>   |
| <b>SN74ABT541BNS</b> | SN74ALS541-1NSRE4      | SN74HC374ANSR        | SN74LV540ANSR         |
| SN74ABT541BNSR       | <b>SN74ALS541NS</b>    | <b>SN74HC374NS</b>   | SN74LV540ANSRE4       |
| SN74ABT541BNSRG4     | SN74ALS541NSR          | SN74HC374NSR         | <b>SN74LV541ANS</b>   |
| <b>SN74ABT574ANS</b> | SN74ALS541NSRE4        | <b>SN74HC377ANS</b>  | SN74LV541ANSR         |
| SN74ABT574ANSR       | SN74ALS541NSRG4        | SN74HC377ANSR        | SN74LV541ANSRG4       |
| SN74ABT574ANSRG4     | SN74ALS563BNSR         | SN74HC377NSR         | SN74LV541ATNSR        |
| SN74ABT620NSR        | SN74ALS563BNSRG4       | <b>SN74HC540ANS</b>  | <b>SN74LV573ANS</b>   |
| <b>SN74ABT623NS</b>  | <b>SN74ALS564BNS</b>   | SN74HC540ANSR        | SN74LV573ANSR         |
| <b>SN74ABT640NS</b>  | <b>SN74ALS564BNSG4</b> | <b>SN74HC540NS</b>   | <b>SN74LV574ANS</b>   |
| SN74ABT640NSR        | SN74ALS564BNSR         | SN74HC540NSR         | SN74LV574ANSR         |
| <b>SN74AC240NS</b>   | <b>SN74ALS573CNS</b>   | SN74HC540NSRG4       | <b>SN74LVC2244ANS</b> |
| SN74AC240NSR         | SN74ALS573CNSR         | <b>SN74HC541ANS</b>  | SN74LVC2244ANSR       |
| SN74AC241NSR         | SN74ALS573CNSRE4       | SN74HC541ANSR        | SN74LVC2244ANSRG4     |
| SN74AC244MNSREP      | <b>SN74ALS574BNS</b>   | <b>SN74HC541NS</b>   | <b>SN74LVC240ANS</b>  |
| <b>SN74AC244NS</b>   | SN74ALS574BNSR         | SN74HC541NSR         | SN74LVC240ANSR        |
| SN74AC244NSR         | <b>SN74ALS576BNS</b>   | <b>SN74HC563NS</b>   | SN74LVC240ANSRG4      |
| <b>SN74AC245NS</b>   | SN74ALS576BNSR         | SN74HC563NSR         | <b>SN74LVC244ANS</b>  |
| SN74AC245NSR         | <b>SN74ALS620ANS</b>   | <b>SN74HC573BNS</b>  | SN74LVC244ANSR        |
| SN74AC245NSRG4       | SN74ALS620ANSR         | <b>SN74HC573NS</b>   | SN74LVC244ANSRE4      |
| <b>SN74AC373NS</b>   | <b>SN74ALS623ANS</b>   | SN74HC573NSR         | <b>SN74LVC245ANS</b>  |
| SN74AC373NSR         | SN74ALS623ANSR         | <b>SN74HC574ANS</b>  | SN74LVC245ANSR        |
| <b>SN74AC374NS</b>   | <b>SN74ALS638ANS</b>   | SN74HC574ANSR        | SN74LVC245ANSRG4      |

|                      |                        |                      |                       |
|----------------------|------------------------|----------------------|-----------------------|
| SN74AC374NSR         | <b>SN74ALS640B-1NS</b> | <b>SN74HC574NS</b>   | <b>SN74LVC373ANS</b>  |
| SN74AC374NSRE4       | SN74ALS640B-1NSR       | SN74HC574NSR         | SN74LVC373ANSR        |
| <b>SN74AC534NS</b>   | <b>SN74ALS640BNS</b>   | <b>SN74HC623NS</b>   | SN74LVC373ANSRG4      |
| SN74AC534NSR         | SN74ALS640BNSR         | SN74HC623NSR         | <b>SN74LVC374ANS</b>  |
| <b>SN74AC563NS</b>   | SN74ALS640BNSRG4       | SN74HC640ANSR        | SN74LVC374ANSR        |
| <b>SN74AC563NSE4</b> | <b>SN74ALS641A-1NS</b> | <b>SN74HC640NS</b>   | SN74LVC374ANSRG4      |
| <b>SN74AC573NS</b>   | SN74ALS641A-1NSR       | SN74HC640NSR         | <b>SN74LVC540ANS</b>  |
| SN74AC573NSR         | <b>SN74ALS641ANS</b>   | <b>SN74HC645ANS</b>  | SN74LVC540ANSR        |
| <b>SN74ACT1073NS</b> | SN74ALS641ANSR         | <b>SN74HC645NS</b>   | SN74LVC540ANSRG4      |
| SN74ACT1073NSR       | <b>SN74ALS642A-1NS</b> | <b>SN74HCT240ANS</b> | <b>SN74LVC541ANS</b>  |
| SN74ACT1284NSR       | SN74ALS642A-1NSR       | SN74HCT240ANSR       | SN74LVC541ANSR        |
| <b>SN74ACT240NS</b>  | <b>SN74ALS645A-1NS</b> | <b>SN74HCT240NS</b>  | <b>SN74LVC573ANS</b>  |
| SN74ACT240NSR        | SN74ALS645A-1NSR       | SN74HCT240NSR        | SN74LVC573ANSR        |
| <b>SN74ACT241NS</b>  | <b>SN74ALS645ANS</b>   | <b>SN74HCT244ANS</b> | SN74LVC573ANSRE4      |
| SN74ACT241NSR        | SN74ALS645ANSR         | SN74HCT244ANSR       | <b>SN74LVC574ANS</b>  |
| SN74ACT241NSRG4      | <b>SN74ALS688NS</b>    | <b>SN74HCT244NS</b>  | SN74LVC574ANSR        |
| SN74ACT244MNSREP     | <b>SN74ALS688NSE4</b>  | SN74HCT244NSR        | SN74LVC574ANSRE4      |
| <b>SN74ACT244NS</b>  | SN74ALS688NSR          | SN74HCT244NSRG4      | SN74LVC574ANSRG4      |
| SN74ACT244NSR        | <b>SN74ALVC244NS</b>   | <b>SN74HCT245ANS</b> | <b>SN74LVCH244ANS</b> |
| SN74ACT244NSRG4      | SN74ALVC244NSR         | SN74HCT245ANSR       | SN74LVCH244ANSR       |
| <b>SN74ACT245NS</b>  | SN74ALVC244NSRE4       | <b>SN74HCT245NS</b>  | SN74LVCH244ANSRG4     |
| SN74ACT245NSR        | <b>SN74ALVC245NS</b>   | SN74HCT245NSR        | SN74LVCH245ANSR       |
| <b>SN74ACT373NS</b>  | SN74ALVC245NSR         | SN74HCT245NSRG4      | SN74LVCR2245ANSR      |
| SN74ACT373NSR        | <b>SN74AS240ANS</b>    | <b>SN74HCT273ANS</b> | SN74LVCZ240ANSR       |
| <b>SN74ACT374NS</b>  | SN74AS240ANSR          | SN74HCT273ANSR       | SN74LVCZ244ANSR       |
| SN74ACT374NSR        | <b>SN74AS241ANS</b>    | <b>SN74HCT273NS</b>  | <b>SN74LVCZ245ANS</b> |
| <b>SN74ACT533NS</b>  | <b>SN74AS244ANS</b>    | SN74HCT273NSR        | SN74LVCZ245ANSR       |
| <b>SN74ACT534NS</b>  | SN74AS244ANSR          | SN74HCT373ANSR       | SN74LVT240ANSR        |
| SN74ACT534NSR        | <b>SN74AS245NS</b>     | SN74HCT373NSR        | <b>SN74LVT244BNS</b>  |
| <b>SN74ACT564NS</b>  | SN74AS245NSR           | SN74HCT374ANSR       | SN74LVT244BNSR        |
| SN74ACT564NSR        | <b>SN74AS373NS</b>     | <b>SN74HCT374NS</b>  | <b>SN74LVT245BNS</b>  |
| <b>SN74ACT573NS</b>  | SN74AS373NSR           | SN74HCT374NSR        | SN74LVT245BNSR        |
| SN74ACT573NSR        | SN74AS640NSR           | SN74HCT374NSRG4      | <b>SN74LVTH240NS</b>  |
| SN74ACT573NSRE4      | <b>SN74AS760NS</b>     | <b>SN74HCT541ANS</b> | SN74LVTH240NSR        |
| <b>SN74ACT574NS</b>  | <b>SN74AS760NSE4</b>   | SN74HCT541ANSR       | <b>SN74LVTH244ANS</b> |
| SN74ACT574NSR        | SN74AS760NSR           | <b>SN74HCT541NS</b>  | SN74LVTH244ANSR       |
| SN74ACT574NSRE4      | <b>SN74BCT2244NS</b>   | SN74HCT541NSR        | SN74LVTH244ANSRG4     |
| SN74AHC240NSR        | <b>SN74BCT2245NS</b>   | SN74HCT541NSRE4      | <b>SN74LVTH245ANS</b> |
| <b>SN74AHC244NS</b>  | SN74BCT2245NSR         | SN74HCT541NSRG4      | SN74LVTH245ANSR       |
| SN74AHC244NSR        | <b>SN74BCT240NS</b>    | <b>SN74HCT573NS</b>  | SN74LVTH245ANSRG4     |
| SN74AHC245NSR        | SN74BCT240NSR          | SN74HCT573NSR        | SN74LVTH273MNSREP     |
| <b>SN74AHC273NS</b>  | <b>SN74BCT244NS</b>    | SN74HCT573NSRE4      | <b>SN74LVTH273NS</b>  |
| SN74AHC273NSR        | SN74BCT244NSR          | <b>SN74HCT574ANS</b> | SN74LVTH273NSR        |

|                      |                      |                     |                      |
|----------------------|----------------------|---------------------|----------------------|
| <b>SN74AHC373NS</b>  | <b>SN74BCT245NS</b>  | <b>SN74HCT574NS</b> | SN74LVTH373NSR       |
| SN74AHC373NSR        | SN74BCT245NSR        | SN74HCT574NSR       | <b>SN74LVTH374NS</b> |
| <b>SN74AHC374NS</b>  | SN74BCT374NSR        | <b>SN74LS240NS</b>  | SN74LVTH374NSR       |
| SN74AHC374NSR        | <b>SN74BCT540ANS</b> | SN74LS240NSR        | <b>SN74LVTH540NS</b> |
| <b>SN74AHC540NS</b>  | SN74BCT540ANSR       | <b>SN74LS241NS</b>  | <b>SN74LVTH541NS</b> |
| <b>SN74AHC541NS</b>  | <b>SN74BCT541ANS</b> | SN74LS241NSR        | SN74LVTH541NSR       |
| SN74AHC541NSR        | SN74BCT541ANSR       | <b>SN74LS244NS</b>  | <b>SN74LVTH573NS</b> |
| SN74AHC573NSR        | <b>SN74BCT573NS</b>  | SN74LS244NSR        | SN74LVTH573NSR       |
| <b>SN74AHC574NS</b>  | <b>SN74BCT574NS</b>  | SN74LS244NSRG4      | <b>SN74LVTH574NS</b> |
| SN74AHC574NSR        | <b>SN74BCT640NS</b>  | <b>SN74LS245NS</b>  | SN74LVTH574NSR       |
| SN74AHCT240NSR       | SN74BCT640NSR        | SN74LS245NSR        | <b>SN74S1052NS</b>   |
| SN74AHCT240NSRE4     | <b>SN74BCT757NS</b>  | SN74LS245NSRE4      | <b>SN74S1053NS</b>   |
| <b>SN74AHCT244NS</b> | <b>SN74BCT760NS</b>  | <b>SN74LS273NS</b>  | SN74S1053NSR         |
| SN74AHCT244NSR       | <b>SN74F240NS</b>    | SN74LS273NSR        | <b>SN751730NS</b>    |
| <b>SN74AHCT245NS</b> | SN74F240NSR          | <b>SN74LS373NS</b>  | <b>TLC7528CNS</b>    |
| SN74AHCT245NSR       | <b>SN74F241NS</b>    | SN74LS373NSR        | TLC7528CNSR          |
| <b>SN74AHCT273NS</b> | SN74F241NSR          | <b>SN74LS374NS</b>  | TPS61199NSR          |
| SN74AHCT273NSR       | <b>SN74F244NS</b>    | SN74LS374NSR        | V62/04620-01YE       |
| SN74AHCT373NSR       | SN74F244NSR          | SN74LS374NSRG4      | V62/04622-01YE       |
| SN74AHCT540NSR       | SN74F244NSRE4        | <b>SN74LS377NS</b>  | V62/04674-02YE       |



Revision: K

EQ# :

A/T Site: TIM 1560

## Lead Package Carrier Tape Qualification Summary

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

|                     |                                   |
|---------------------|-----------------------------------|
| Supplier:           | C-PAK                             |
| Vendor Part No:     | NA                                |
| TI Part No:         | NQMM: 4212589-0041 (If available) |
| Weight/meter (g):   | NA                                |
| Material:           | POLYSTYRENE                       |
| Package Description | SOP 20 (yes/no)                   |
| Package Designator: | NS 20                             |
| Result:             | PASS                              |
| Date:               | 22/7/2016                         |

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

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>       |