



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

**PCN# 20130409001  
10x10 BGA tray change  
Information Only**

Dear Customer:

This is an information-only announcement of a change to a device that is currently offered by Texas Instruments.

The changes discussed within this PCN are for your information only. Please see the attachment details for the planned implementation date.

This notification period is per TI's standard process. Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

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  
Phone: +1(214) 480-6037  
Fax: +1(214) 480-6659

| <b>PCN Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20130409001                 |                                       |                           | <b>PCN Date:</b>         | 04/29/2013               |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------|---------------------------|--------------------------|--------------------------|---------------------------------|----------|--|-----|---------|---------|---------|----------------|--------|--------|--------|---------------|--------|--------|--------|--------------|--------|--------|--------|----------------------------------|--------|--------|--------|---------------------------------|--------|--------|--------|-------------------------------------|--------|--------|--------|------------------------------------|--------|--------|--------|--------|------|------|------|----------------|-------|-------|-------|----------------|------|------|------|--------------|------|------|------|---------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|-------------------------|------|------|------|----------------------------|------|------|------|
| <b>Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10x10 BGA tray change       |                                       |                           |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <b>Customer Contact:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">PCN Manager</a> | <b>Phone:</b>                         | +1(214) 480-6037          | <b>Dept:</b>             | Quality Services         |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <b>Proposed 1<sup>st</sup> Ship Date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 04/29/2013                  | <b>Estimated Sample Availability:</b> | 04/24/2013                |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <b>Change Type:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                                       |                           |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Assembly Site               | <input type="checkbox"/>              | Assembly Process          | <input type="checkbox"/> | Assembly Materials       |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Design                      | <input type="checkbox"/>              | Electrical Specification  | <input type="checkbox"/> | Mechanical Specification |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Site                   | <input checked="" type="checkbox"/>   | Packing/Shipping/Labeling | <input type="checkbox"/> | Test Process             |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Wafer Bump Site             | <input type="checkbox"/>              | Wafer Bump Material       | <input type="checkbox"/> | Wafer Bump Process       |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Wafer Fab Site              | <input type="checkbox"/>              | Wafer Fab Materials       | <input type="checkbox"/> | Wafer Fab Process        |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <b>PCN Details</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |                                       |                           |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <b>Description of Change:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                       |                           |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <p>The products listed below will be shipped in a new tray design with minor dimension differences as follows:</p> <table border="1"> <thead> <tr> <th rowspan="2">Item Description dimension (mm)</th> <th colspan="2">Old Tray</th> <th>New</th> </tr> <tr> <th>4204617</th> <th>4206726</th> <th>4211727</th> </tr> </thead> <tbody> <tr> <td>Overall length</td> <td>322.60</td> <td>322.60</td> <td>322.60</td> </tr> <tr> <td>Layout length</td> <td>315.00</td> <td>315.00</td> <td>315.00</td> </tr> <tr> <td>Layout width</td> <td>135.90</td> <td>135.90</td> <td>135.90</td> </tr> <tr> <td>Layout length on Top Stack frame</td> <td>310.83</td> <td>311.15</td> <td>311.15</td> </tr> <tr> <td>Layout width on Top Stack frame</td> <td>131.76</td> <td>132.08</td> <td>132.08</td> </tr> <tr> <td>Layout length on bottom Stack frame</td> <td>310.30</td> <td>311.66</td> <td>311.66</td> </tr> <tr> <td>Layout width on bottom Stack frame</td> <td>131.20</td> <td>132.59</td> <td>132.59</td> </tr> <tr> <td>Matrix</td> <td>8x23</td> <td>8x23</td> <td>8x21</td> </tr> <tr> <td>End Tab length</td> <td>92.10</td> <td>92.10</td> <td>92.10</td> </tr> <tr> <td>Overall Height</td> <td>7.62</td> <td>7.62</td> <td>7.62</td> </tr> <tr> <td>Stack Height</td> <td>6.35</td> <td>2.00</td> <td>2.00</td> </tr> <tr> <td>Pitch M</td> <td>19.65</td> <td>19.65</td> <td>11.95</td> </tr> <tr> <td>Mitch M3</td> <td>13.80</td> <td>13.80</td> <td>16.00</td> </tr> <tr> <td>Mitch M1</td> <td>10.10</td> <td>10.10</td> <td>11.00</td> </tr> <tr> <td>Mitch M2</td> <td>13.40</td> <td>13.40</td> <td>14.65</td> </tr> <tr> <td><b>Top Pocket depth</b></td> <td>1.50</td> <td>1.60</td> <td>1.59</td> </tr> <tr> <td><b>Bottom pocket depth</b></td> <td>2.20</td> <td>1.70</td> <td>1.81</td> </tr> </tbody> </table> |                             |                                       |                           |                          |                          | Item Description dimension (mm) | Old Tray |  | New | 4204617 | 4206726 | 4211727 | Overall length | 322.60 | 322.60 | 322.60 | Layout length | 315.00 | 315.00 | 315.00 | Layout width | 135.90 | 135.90 | 135.90 | Layout length on Top Stack frame | 310.83 | 311.15 | 311.15 | Layout width on Top Stack frame | 131.76 | 132.08 | 132.08 | Layout length on bottom Stack frame | 310.30 | 311.66 | 311.66 | Layout width on bottom Stack frame | 131.20 | 132.59 | 132.59 | Matrix | 8x23 | 8x23 | 8x21 | End Tab length | 92.10 | 92.10 | 92.10 | Overall Height | 7.62 | 7.62 | 7.62 | Stack Height | 6.35 | 2.00 | 2.00 | Pitch M | 19.65 | 19.65 | 11.95 | Mitch M3 | 13.80 | 13.80 | 16.00 | Mitch M1 | 10.10 | 10.10 | 11.00 | Mitch M2 | 13.40 | 13.40 | 14.65 | <b>Top Pocket depth</b> | 1.50 | 1.60 | 1.59 | <b>Bottom pocket depth</b> | 2.20 | 1.70 | 1.81 |
| Item Description dimension (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Old Tray                    |                                       | New                       |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4204617                     | 4206726                               | 4211727                   |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Overall length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 322.60                      | 322.60                                | 322.60                    |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Layout length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 315.00                      | 315.00                                | 315.00                    |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Layout width                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 135.90                      | 135.90                                | 135.90                    |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Layout length on Top Stack frame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 310.83                      | 311.15                                | 311.15                    |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Layout width on Top Stack frame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 131.76                      | 132.08                                | 132.08                    |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Layout length on bottom Stack frame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 310.30                      | 311.66                                | 311.66                    |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Layout width on bottom Stack frame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 131.20                      | 132.59                                | 132.59                    |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8x23                        | 8x23                                  | 8x21                      |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| End Tab length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 92.10                       | 92.10                                 | 92.10                     |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Overall Height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7.62                        | 7.62                                  | 7.62                      |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Stack Height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6.35                        | 2.00                                  | 2.00                      |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Pitch M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 19.65                       | 19.65                                 | 11.95                     |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Mitch M3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 13.80                       | 13.80                                 | 16.00                     |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Mitch M1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10.10                       | 10.10                                 | 11.00                     |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| Mitch M2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 13.40                       | 13.40                                 | 14.65                     |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <b>Top Pocket depth</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.50                        | 1.60                                  | 1.59                      |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |
| <b>Bottom pocket depth</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.20                        | 1.70                                  | 1.81                      |                          |                          |                                 |          |  |     |         |         |         |                |        |        |        |               |        |        |        |              |        |        |        |                                  |        |        |        |                                 |        |        |        |                                     |        |        |        |                                    |        |        |        |        |      |      |      |                |       |       |       |                |      |      |      |              |      |      |      |         |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |                         |      |      |      |                            |      |      |      |

|                                                                                                 |                    |                    |                    |
|-------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|
| <b>Reason for Change:</b>                                                                       |                    |                    |                    |
| Continuity of supply and quality improvement                                                    |                    |                    |                    |
| <b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b> |                    |                    |                    |
| None                                                                                            |                    |                    |                    |
| <b>Changes to product identification resulting from this PCN:</b>                               |                    |                    |                    |
| New Tray                                                                                        |                    |                    |                    |
| <b>Product Affected:</b>                                                                        |                    |                    |                    |
| <b>Products using 4204617 Tray</b>                                                              |                    |                    |                    |
| D6553BQBZPH                                                                                     | TMS320F2801GGMA    | TMS320F2802ZGMS    | TMS320F2808ZGMA    |
| SM320VC5510AZPHA2                                                                               | TMS320F2801GGMS    | TMS320F2806GGMA    | TMS320F2808ZGMS    |
| SN74V263-6GGM                                                                                   | TMS320F2801ZGMA    | TMS320F2806GGMS    | TMS320F2809GGMA    |
| SN74V293-6GGM                                                                                   | TMS320F2801ZGMS    | TMS320F2806ZGMA    | TMS320F2809GGMS    |
| T3031DZPH                                                                                       | TMS320F2802GGMA    | TMS320F2806ZGMS    | TMS320F2809ZGMA    |
| T3031FZPH                                                                                       | TMS320F2802GGMS    | TMS320F2808GGMA    | TMS320F2809ZGMS    |
| TMS320F28015ZGMA                                                                                | TMS320F2802ZGMA    | TMS320F2808GGMS    | TMS320VC5510AGPHA2 |
| <b>Products using 4206726 Tray</b>                                                              |                    |                    |                    |
| TMS320C5504AZCH10                                                                               | TMS320C5505AZCH15  | TMS320C5515AZCH12  | TMS320VC5504XZCH   |
| TMS320C5504AZCH12                                                                               | TMS320C5505AZCHA10 | TMS320C5515AZCHA10 | TMS320VC5504YZCH   |
| TMS320C5504AZCH15                                                                               | TMS320C5505AZCHA12 | TMS320C5515AZCHA12 | TMS320VC5504ZCH    |
| TMS320C5504AZCHA10                                                                              | TMS320C5514AZCH10  | TMS320C5517AZCH20  | TMS320VC5505MZCH   |
| TMS320C5504AZCHA12                                                                              | TMS320C5514AZCH12  | TMS320C5517AZCH22  | TMS320VC5505ZCH    |
| TMS320C5505AZCH10                                                                               | TMS320C5514AZCHA12 | TMS320C5517AZCHA20 | TPS65920A2ZCH      |
| TMS320C5505AZCH12                                                                               | TMS320C5515AZCH10  | TMS320C5SGCHA      | TPS65930A2ZCH      |

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

|                 |                                                                                    |
|-----------------|------------------------------------------------------------------------------------|
| <b>Location</b> | <b>E-Mail</b>                                                                      |
| 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>       |