



| PRODUCT/PROCESS CHANGE NOTICE (PCN) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-----------------|-----------------|----------------|----------------|----------------|-------------|----------------|-----------------|-----------------|-----------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-----------------|-----------------|--------------|-----------------|-----------------|-----------------|-----------------|--|
| <p>PCN Number: 21001 Date Issued: 8/13/2021 Product(s) Affected:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td>SP3222EBCA-L/TR</td><td>SP3222EBEA-L/TR</td><td>SP3222EBEY-L/TR</td></tr> <tr><td>SP3222ECA-L/TR</td><td>SP3222ECY-L/TR</td><td>SP3222EEA-L/TR</td></tr> <tr><td>SP3222EEY-L</td><td>SP3222EEY-L/TR</td><td>SP3222EUCY-L/TR</td></tr> <tr><td>SP3222EUEY-L/TR</td><td>SP3232EBCA-L/TR</td><td>SP3232EBCN-L</td></tr> <tr><td>SP3232EBCN-L/TR</td><td>SP3232EBCY-L/TR</td><td>SP3232EBEN-L/TR</td></tr> <tr><td>SP3232EBER-L/TR</td><td>SP3232EBEY-L/TR</td><td>SP3232ECA-L</td></tr> <tr><td>SP3232ECA-L/TR</td><td>SP3232ECN-L</td><td>SP3232ECN-L/TR</td></tr> <tr><td>SP3232ECY-L</td><td>SP3232ECY-L/TR</td><td>SP3232EEA-L</td></tr> <tr><td>SP3232EEA-L/TR</td><td>SP3232EEN-L</td><td>SP3232EEN-L/TR</td></tr> <tr><td>SP3232EEY-L</td><td>SP3232EEY-L/TR</td><td>SP3232EHCY-L/TR</td></tr> <tr><td>SP3232EHEY-L/TR</td><td>SP3232EUCN-L</td><td>SP3232EUCN-L/TR</td></tr> <tr><td>SP3232EUCY-L/TR</td><td>SP3232EUEA-L/TR</td><td>SP3232EUEY-L/TR</td></tr> </table> <p>Manufacturing Location Affected: Refer to Description and Purpose of Change below Date Effective (90 day window): August 13, 2021 Date Issued +90 days: November 13, 2021</p> | SP3222EBCA-L/TR | SP3222EBEA-L/TR | SP3222EBEY-L/TR | SP3222ECA-L/TR | SP3222ECY-L/TR | SP3222EEA-L/TR | SP3222EEY-L | SP3222EEY-L/TR | SP3222EUCY-L/TR | SP3222EUEY-L/TR | SP3232EBCA-L/TR | SP3232EBCN-L | SP3232EBCN-L/TR | SP3232EBCY-L/TR | SP3232EBEN-L/TR | SP3232EBER-L/TR | SP3232EBEY-L/TR | SP3232ECA-L | SP3232ECA-L/TR | SP3232ECN-L | SP3232ECN-L/TR | SP3232ECY-L | SP3232ECY-L/TR | SP3232EEA-L | SP3232EEA-L/TR | SP3232EEN-L | SP3232EEN-L/TR | SP3232EEY-L | SP3232EEY-L/TR | SP3232EHCY-L/TR | SP3232EHEY-L/TR | SP3232EUCN-L | SP3232EUCN-L/TR | SP3232EUCY-L/TR | SP3232EUEA-L/TR | SP3232EUEY-L/TR | <p>Means of Distinguishing Changed Devices:</p> <p><input type="checkbox"/> Product Mark: <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input checked="" type="checkbox"/> Other: Lot number</p> |
| SP3222EBCA-L/TR | SP3222EBEA-L/TR | SP3222EBEY-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3222ECA-L/TR | SP3222ECY-L/TR | SP3222EEA-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3222EEY-L | SP3222EEY-L/TR | SP3222EUCY-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3222EUEY-L/TR | SP3232EBCA-L/TR | SP3232EBCN-L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232EBCN-L/TR | SP3232EBCY-L/TR | SP3232EBEN-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232EBER-L/TR | SP3232EBEY-L/TR | SP3232ECA-L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232ECA-L/TR | SP3232ECN-L | SP3232ECN-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232ECY-L | SP3232ECY-L/TR | SP3232EEA-L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232EEA-L/TR | SP3232EEN-L | SP3232EEN-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232EEY-L | SP3232EEY-L/TR | SP3232EHCY-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232EHEY-L/TR | SP3232EUCN-L | SP3232EUCN-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SP3232EUCY-L/TR | SP3232EUEA-L/TR | SP3232EUEY-L/TR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Contact: Your local MaxLinear Marketing Representative or contact our Customer Support team by creating a Support Ticket at http://www.maxlinear.com/support/createcase Phone: 1-760-692-0711</p> | <p>Attachment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Samples: Request from MaxLinear Marketing Representatives</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Description and Purpose of Change: MaxLinear has qualified Key Foundry wafer foundry in order to increase production capacity and to facilitate long term support of the product line. The wafer process is 0.18um BCD. There is no change to form, fit, function and the products meet existing datasheet specifications. In addition to the currently qualified ANST site, Greatek is added as an alternate site for package, assembly, and test. There are no changes in device reliability. Note: Users who rely on DC, diode characteristics during ICT testing should take caution certain I/O characteristics may appear changed due to the proprietary I/O structures employed by Key Foundry. These DC / diode characteristic differences are not guaranteed nor required to ensure full design functionality per datasheet. Adjustments at ICT testing may be required to prevent false failures.</p> | <p><input checked="" type="checkbox"/> Die Technology <input checked="" type="checkbox"/> Wafer Fabrication <input type="checkbox"/> Assembly Process <input type="checkbox"/> Equipment <input type="checkbox"/> Material <input checked="" type="checkbox"/> Testing <input type="checkbox"/> Product Design <input checked="" type="checkbox"/> Manufacturing Site <input type="checkbox"/> Data Sheet <input type="checkbox"/> Yield Enhancement <input type="checkbox"/> Software <input type="checkbox"/> Other:</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Reliability/Qualification Summary: Reliability reports available upon request</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Customer Acknowledgement of Receipt within 30 days of issue. Lack of acknowledgement within 30 days constitutes acceptance of change.

Please fax or email this form to the contact above after completing the following information:

Customer: _____

Name: _____

Title: _____

Date: _____

E-Mail: _____

Phone: _____

Fax: _____

Approval for shipments prior to effective date

Customer Comments (Optional):