



PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN Number: 22012
Date Issued: April 11, 2022
Product(s) Affected:

Means of Distinguishing Changed Devices:

- Product Mark:
- Back Mark
- Date Code
- Other: Lot number

SP3243EBCA-L/TR	SP3243EBCY-L/TR	SP3243EBEA-L/TR
SP3243EBEY-L	SP3243EBEY-L/TR	SP3243ECA-L
SP3243ECA-L/TR	SP3243ECY-L/TR	SP3243EEA-L
SP3243EEA-L/TR	SP3243EEY-L	SP3243EEY-L/TR
SP3243EHCA-L/TR	SP3243EHEA-L/TR	SP3243EUCA-L/TR
SP3243EUCY-L/TR	SP3243EUEA-L/TR	SP3243EUER-L/TR
SP3243EUEY-L/TR		

Manufacturing Location Affected: Wafer foundry: Key Foundry, Korea
Assembly: Greatek, Taiwan

Date Effective (90 day window): April 11, 2022
Date Issued +90 days: July 11, 2022

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

Attachment: Yes No

Samples: **Request from MaxLinear Marketing Representatives**

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.

- Die Technology
- Wafer Fabrication
- Assembly Process
- Equipment
- Material
- Testing
- Product Design
- Manufacturing Site
- Data Sheet
- Yield Enhancement
- Software
- Other:

Reliability/Qualification Summary: Reliability report available upon request.



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):