



PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN Number: **PCN 21024**
Date Issued: **6/9/2021**
Product(s) Affected:

SP3490CN-L/TR	SP3490EN-L, SP3490EN-L/TR
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Manufacturing Location Affected: Foundry FROM: Silan, China
Foundry TO: TSMC Fab 10, Shanghai
Date Effective (90 day window): June 9, 2021
Date Issued +90 days: September 9, 2021

Means of Distinguishing Changed Devices:
Product Mark:
 Back Mark
 Date Code
 Lot Number

Contact: Your local MaxLinear Marketing Representative or
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 TSMC wafer foundry in order to facilitate long term support of the product line. The process has been optimized to produce very similar characteristics as the currently shipping devices from Silan foundry and will meet existing datasheet specifications.

There are no changes to assembly location.
There are no changes in the package BOM
There are no changes to 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 TSMC. 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
- Manufacturing Site
- Data Sheet
- Yield Enhancement
- Other:

Reliability/Qualification Summary: Reliability reports 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):