

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN Number: 19016A

Date Issued: Original Issue Date 2/13/2020

Product(s) Affected:

XR79103EL-F	XR79106EL-F	XR79110EL-F
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Manufacturing Location Affected: UTAC Dongguan

Date Effective (90 day window): February 13, 2020

Date Issued +90 days: May 13, 2020

Means of Distinguishing Changed Devices:

Product Mark:

Back Mark

Date Code

Other: Reduced pin count

Contact: Your local Marketing Representative or myMxL at: <https://www.maxlinear.com/mymxl>

Phone: 1-760-692-0711

Attachment: Yes No

Samples: Request from MaxLinear Marketing Representatives

Description and Purpose of Change:

MaxLinear is announcing the replacement of the QFN package with a GQFN package for improved manufacturability margin at customer's SMT process.

Pin Count	From	To	Details
XR79103EL-F	42 leads	38 leads	Also note, GQFN Z dimension reduced .05mm from standard QFN
XR79106EL-F	56 leads	49 Leads	
XR79110EL-F	72 leads	65 Leads	

Impact of change:

- There is no change to form, fit, function, reliability
- POD and DS change to reflect reduced pin count only.
- No change to land pattern dimensions.
- Recommend stencil be modified for reduce lead count.

Can be surface mounted to current PCB pattern.

Addendum: Correction has been made to the XR79110 pin count above. From 42 to 38 leads was incorrectly noted in the previous PCN release

Die Technology

Wafer Fabrication

Assembly Process

Equipment

Material


Testing


Manufacturing Site


Data Sheet

Yield Enhancement

Other:


 XR79103.pdf


 XR79106.pdf


 XR79110.pdf

Reliability/Qualification Summary: <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):