




PRODUCT/PROCESS CHANGE NOTICE (PCN)															
<p>PCN Number: 19016 Date Issued: 2/13/2020 Product(s) Affected:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 5px 0;"> <tr> <td style="padding: 2px 10px;">XR79103EL-F</td> <td style="padding: 2px 10px;">XR79106EL-F</td> <td style="padding: 2px 10px;">XR79110EL-F</td> </tr> </table> <p>Manufacturing Location Affected: UTAC Dongguan Date Effective (90 day window): February 13, 2020 Date Issued +90 days: May 13, 2020</p>	XR79103EL-F	XR79106EL-F	XR79110EL-F	<p>Means of Distinguishing Changed Devices:</p> <p><input type="checkbox"/> Product Mark: <input type="checkbox"/> Back Mark <input checked="" type="checkbox"/> Date Code <input checked="" type="checkbox"/> Other: Reduced pin count</p>											
XR79103EL-F	XR79106EL-F	XR79110EL-F													
<p>Contact: Your local Marketing Representative or myMxL at: https://www.maxlinear.com/mymxl Phone: 1-760-691-0711</p>	<p>Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Samples: Request from MaxLinear Marketing Representatives</p>														
<p>Description and Purpose of Change:</p> <p>MaxLinear is announcing the replacement of the QFN package with a GQFN package for improved manufacturability margin at customer's SMT process.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 5px 0;"> <thead> <tr> <th style="padding: 2px 10px;">Pin Count</th> <th style="padding: 2px 10px;">From</th> <th style="padding: 2px 10px;">To</th> <th style="padding: 2px 10px;">Details</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px 10px;">XR79103EL-F</td> <td style="padding: 2px 10px;">42 leads</td> <td style="padding: 2px 10px;">38 leads</td> <td rowspan="3" style="padding: 2px 10px; vertical-align: middle;">Also note, GQFN Z dimension reduced .05mm from standard QFN</td> </tr> <tr> <td style="padding: 2px 10px;">XR79106EL-F</td> <td style="padding: 2px 10px;">56 leads</td> <td style="padding: 2px 10px;">49 Leads</td> </tr> <tr> <td style="padding: 2px 10px;">XR79110EL-F</td> <td style="padding: 2px 10px;">42 leads</td> <td style="padding: 2px 10px;">38 Leads</td> </tr> </tbody> </table> <p>Impact of change:</p> <ul style="list-style-type: none"> - 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. <p>Can be surface mounted to current PCB pattern.</p>	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	42 leads	38 Leads	<p><input type="checkbox"/> Die Technology <input type="checkbox"/> Wafer Fabrication <input checked="" type="checkbox"/> Assembly Process <input type="checkbox"/> Equipment <input checked="" type="checkbox"/> Material <input type="checkbox"/> Testing <input type="checkbox"/> Manufacturing Site <input checked="" type="checkbox"/> Data Sheet <input type="checkbox"/> Yield Enhancement <input type="checkbox"/> Other:</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;">  XR79103.pdf </div> <div style="text-align: center;">  XR79106.pdf </div> <div style="text-align: center;">  XR79110.pdf </div> </div>
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<p>Reliability/Qualification Summary: <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):