



Process Change Notice 1202231

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PCN Date: 23Feb12		Effective Date: 23Feb12							
Title: Si3461 Single-Port PSE Interface Datasheet Change									
Originator: John Wilson		Phone: 5755	Dept: Marketing						
Customer Contact: Kathy Haggart		Phone: 512-532-5261	Dept: Sales						
PCN Type: <input type="checkbox"/> Assembly <input type="checkbox"/> Discontinuance <input type="checkbox"/> Package <input type="checkbox"/> Test <input checked="" type="checkbox"/> Datasheet <input type="checkbox"/> Fabrication <input type="checkbox"/> Product Revision <input type="checkbox"/> Packing <input type="checkbox"/> Labeling <input type="checkbox"/> Location <input type="checkbox"/> Other Last Order Date: N/A									
PCN Details									
Description of Change: Silicon Labs Si3461 product is Not Recommended For New Designs. The new recommended product is the Si3462, a pin-compatible part with similar features and a major enhancement, that of supporting "no classification required" forced power in Class 0/3 or Class 4. The Si3462's no-classify mode includes a significant bill of materials (BOM) component reduction. While the Si3461 remains available for ordering and shipping, the Si3462 is recommended for all new PoE single-port PSE applications and designs.									
Reason for Change: The behavior of the Si3462 is similar functionally to the Si3461, and performs better on Sifos PoE system tests than does the Si3461. The Si3462 adds "no classification required" forced power modes in Class 0/3 or Class 4.									
Impact on Form, Fit, Function, Quality, Reliability: Form, fit, function, quality, and reliability are unchanged.									
Product Identification: This change applies to all products marketed today as Si3461 including those shown in the table below:									
<table border="1"> <thead> <tr> <th>Existing OPN</th> <th>Replacement OPN</th> </tr> </thead> <tbody> <tr> <td>Si3461-E02-GM</td> <td>Si3462-E01-GM</td> </tr> <tr> <td>Si3461-E02-GMR</td> <td>Si3462-E01-GMR</td> </tr> </tbody> </table>		Existing OPN	Replacement OPN	Si3461-E02-GM	Si3462-E01-GM	Si3461-E02-GMR	Si3462-E01-GMR		
Existing OPN	Replacement OPN								
Si3461-E02-GM	Si3462-E01-GM								
Si3461-E02-GMR	Si3462-E01-GMR								
Last Date of Unchanged Product: N/A									



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Qualification Samples:

Refer to the Si3462 datasheet and EVB user guide to better understand modified operating modes and opportunities for reducing the support BOM required for the Si3462. The updated datasheet and EVB user guide are available at www.silabs.com

Samples of the Si3462 are available now. Please contact your local Silicon Laboratories sales representative to request samples. A list of Silicon Laboratories sales representatives is available at www.silabs.com

Customer Early Acceptance Sign Off: N/A

Qualification Data:

The Si3462 is fully qualified and in full production at this time.