



Process Change Notice #1601271

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PCN Date: 1/27/2016		Effective Date: 5/3/2016	
Title: Si7005 & Si7015 filter cover change			
Originator: Rick Bye		Phone: 512-532-5740	Dept: IOT marketing
Customer Contact: Kathy Haggar		Phone: 512-532-5261	Dept: sales operations
PCN Type:			
<input checked="" type="checkbox"/> Datasheet	<input type="checkbox"/> Foundry	<input type="checkbox"/> Packing	
<input type="checkbox"/> Product Revision	<input checked="" type="checkbox"/> Assembly	<input type="checkbox"/> Labeling	
<input type="checkbox"/> Discontinuance	<input type="checkbox"/> Test	<input type="checkbox"/> Other	
Last Order Date: Not Applicable			
PCN Details			



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Description of Change:

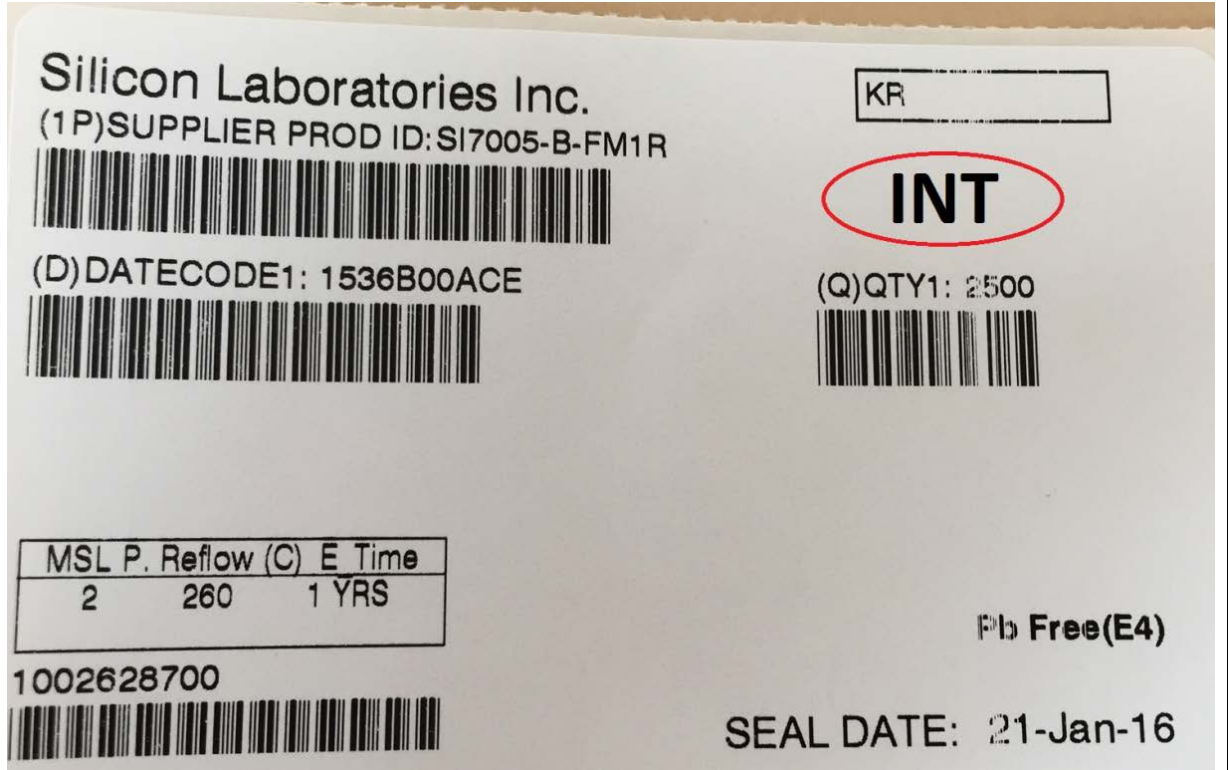
Silicon Labs is pleased to announce the successful qualification of an additional supplier of the protective cover available for the Si7005/15 products. The new protective cover supplier offers the same relative humidity sensor performance as the current supplier and both protective covers are IP67 certified.





As a result of this change, the datasheets for Si7005/15 have been updated as follows:

- The package outline for devices with protective cover was updated to include slightly different dimensions of the new protective cover, dimensions F1 and F2.
- Section 4.8 was updated to only indicate specifications that are common to both suppliers of the protective cover.

The supplier of protective cover can be identified by a new marking on the shipping label. Devices with the original protective cover supplier are marked as "INT". Devices with the new protective cover supplier are marked as "EXT". Sample shipping labels are shown below with the new label marking indicated by a red circle.

As of the effective date of the PCN, Silicon Labs will ship devices with protective covers from either supplier. Shipments with the new label marking will be available as of the effective date of the PCN.



<p>Silicon Laboratories Inc. (1P)SUPPLIER PROD ID: SI7005-B-FM1R</p> 		<div style="border: 1px solid black; padding: 2px; width: fit-content;">KR</div> <div style="border: 2px solid red; border-radius: 50%; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">EXT</div>				
<p>(D)DATECODE1: 1536B00ACE</p> 		<p>(Q)QTY1: 2500</p> 				
<table border="1" style="margin: auto;"> <tr> <td>MSL P. Reflow (C)</td> <td>E Time</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">260 1 YRS</td> </tr> </table>			MSL P. Reflow (C)	E Time	2	260 1 YRS
MSL P. Reflow (C)	E Time					
2	260 1 YRS					
<p>1002628700</p> 		<p>Pb Free(E4)</p> <p>SEAL DATE: 21-Jan-16</p>				

<p>Reason for Change: Increase assembly capacity and ensure dual sourcing.</p>
<p>Impact on Form, Fit, Function, Quality, Reliability: No change to fit, function, quality or reliability. The form of Si7005/15 devices is changed to include a new supplier of the protective cover, which has slightly different Z-axis dimensions F1 and F2 as indicated in the datasheet.</p>
<p>Product Identification: Si7005-B-FM1, Si7005-B-GM1, Si7015-A20-FM1, Si7015-A20-GM1, Si7005-B-FM1R, Si7005-B-GM1R, Si7015-A20-FM1R, Si7015-A20-GM1R</p>
<p>Last Date of Unchanged Product: 5/3/2016</p>
<p>Qualification Samples: Available upon request.</p>



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Specific conditions of acceptance of this change will be considered on a case by case basis if written notice is submitted within 30 days of this notice. To request further data or inquire about this notification, please contact your local Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at www.silabs.com.

In some cases rejection of a change notice may impact Silicon Labs product pricing, delivery, quality, or reliability.

Customer Early Acceptance Sign Off:

Customers may approve early PCN acceptance by completing the information below:

Early Acceptance: Date: _____

 Name: _____

 Company: _____

Email your early Acceptance approval to: katherine.hagggar@silabs.com

Qualification Data:

Not applicable.