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PCN Date: 3/25/2013		Effective Date: 6/28/2013
Title: Si101x Rev C-GM2		
Originator: Matt Maupin	Phone: 512 464 9338	Dept: Marketing
Customer Contact: Kathy Hagger	Phone: 512 532 5261	Dept: Sales
PCN Type: <input checked="" type="checkbox"/> Datasheet <input type="checkbox"/> Foundry <input type="checkbox"/> Packing <input checked="" type="checkbox"/> Product Revision <input 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		
Description of Change: <p>Silicon Labs is pleased to announce revision C of Si101x devices and version 1.2 of the corresponding datasheet for these products.</p> <p>Si101x Revision C devices are assembled in LGA-42 packages and are not available in QFN-42 packages used on Revision A. The LGA-42 package does not change the pin ordering or orientation of Si101x, but requires changes to the PCB landing pattern and soldering stencil. These changes are outlined in the newly released datasheet.</p> <p>The Si101x Revision C devices will be available for customer ordering upon the PCN Effective Date.</p>		
Reason for Change: <p>Revision C of the Si101x allows customers to exceed the maximum VBAT ramp time, if desired, during external reset on the device. The LGA-42 package improves PCB solderability of the device.</p> <p>The datasheet includes updates to Table 4.4 Reset Electrical Characteristics for additional clarification on VBAT ramp time under different operating modes along with other minor edits.</p>		
Impact on Form, Fit, Function, Quality, Reliability: <p>There is no change to function, quality or reliability of these devices. The changes to form and fit are limited to the change in package to LGA-42 from QFN-42 (as described above).</p>		

Product Identification:

Current P/N	New P/N
Si1010-A-GM	Si1010-C-GM2
Si1011-A-GM	Si1011-C-GM2
Si1012-A-GM	Si1012-C-GM2
Si1013-A-GM	Si1013-C-GM2
Si1014-A-GM	Si1014-C-GM2
Si1015-A-GM	Si1015-C-GM2

Note: The table above includes tape and reel variants which are denoted with an “R” at the end of the orderable part number.

Last Date of Unchanged Product: 6/28/2013

Qualification Samples:

Qualification samples are available upon request. Please see your Silicon Labs sales representative to order samples. A list of Silicon Labs sales representatives is available at www.silabs.com.

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:

Qualification data for the new part numbers is available upon request. Please see your Silicon Labs sales representative if you have questions. A list of Silicon Labs sales representatives is available at www.silabs.com.