



End of Life (EOL) Change Notice #1410033

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EOL Date: 10/3/2014		EOL Effective Date: 10/7/2015	
Title: Si3402-A-GM End of Life Change Notice			
Originator: John Wilson	Phone: 512-532-5755	Dept: APS Marketing	
Customer Contact: Kathy Haggar	Phone: (512) 532-5261	Dept: Sales	
PCN Type: End of Life			
Last Time Buy (Order) Date: 4/7/2015			

PCN Details											
<p>Description of Change:</p> <p>Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for Si3402-A-GM and Si3402-A-GMR products.</p> <p>The key dates are listed in the table below:</p> <table border="1"> <thead> <tr> <th>EOL Date</th> <th>Last Time Buy (Order) Date</th> <th>EOL Effective Date</th> </tr> </thead> <tbody> <tr> <td>10/3/2014</td> <td>4/7/2015</td> <td>10/7/2015</td> </tr> </tbody> </table> <p>All customer orders with a Customer Requested Delivery Date (CRD) between the Last Time Buy (Order) Date and the EOL Effective Date will be Non-Cancellable and Non-Returnable (NCNR). As of this EOL Date, Silicon Labs will no longer accept customer orders with a CRD beyond the EOL Effective Date.</p> <p>If you have questions about this EOL, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at www.silabs.com.</p>			EOL Date	Last Time Buy (Order) Date	EOL Effective Date	10/3/2014	4/7/2015	10/7/2015			
EOL Date	Last Time Buy (Order) Date	EOL Effective Date									
10/3/2014	4/7/2015	10/7/2015									
<p>Reason for Change: End of Life due to the wafer supplier no longer being able to produce the die necessary to build these products. The supply of these products is limited.</p>											
<p>Impact on Form, Fit, Function, Quality, Reliability: Form, Fit, Quality and Reliability are unchanged. Si3402-B-GM requires minor changes to external component values in order to adopt this IC as a seamless replacement for Si3402-A-GM. Please see the Appendix of this PCN for further information.</p>											
<p>Product Identification:</p> <table border="1"> <thead> <tr> <th>Existing Part Number</th> <th>Replacement Part Number</th> <th>Drop in Compatible Indicator</th> </tr> </thead> <tbody> <tr> <td>Si3402-A-GM</td> <td>Si3402-B-GM</td> <td>See Data Sheet</td> </tr> <tr> <td>Si3402-A-GMR</td> <td>Si3402-B-GMR</td> <td>See Data Sheet</td> </tr> </tbody> </table>			Existing Part Number	Replacement Part Number	Drop in Compatible Indicator	Si3402-A-GM	Si3402-B-GM	See Data Sheet	Si3402-A-GMR	Si3402-B-GMR	See Data Sheet
Existing Part Number	Replacement Part Number	Drop in Compatible Indicator									
Si3402-A-GM	Si3402-B-GM	See Data Sheet									
Si3402-A-GMR	Si3402-B-GMR	See Data Sheet									
<p>Last Date of Unchanged Product: N/A</p>											
<p>Qualification Samples: Si3402-B-GM samples will be available 3Q15.</p>											



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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

(See Appendix, next page)

Appendix: Si3402-B Compatibility with Si3402-A Reference Designs

Context

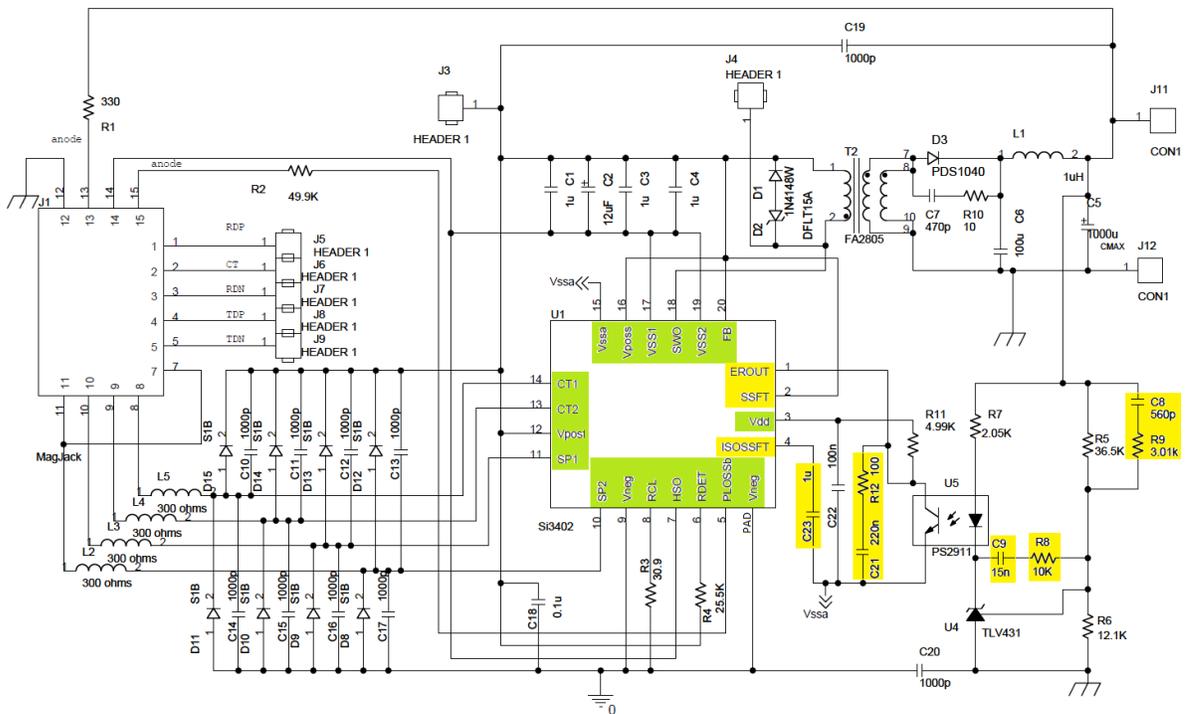
These notes address the compatibility of Si3402-B-GM (here called “Si3402-B”) with the Si3402-A-GM (here called “Si3402-A”) isolated and non-isolated reference designs. A later application note will provide complete details to guide customers through the Si3402-A to Si3402-B transition.

Details

Green indicates compatibility is complete and no change is required.

Yellow indicates a Si3402-A pin whose function is modified, and related passive components whose values may need to change to accommodate the Si3402-B. The specific component value changes are not yet available. Affected pins are:

- SSFT, ISOSSFT – soft start is internal; soft-start capacitor may be removed or retained
- ERROUT – change to the internal PWM control algorithm may require changes to component values



Si3402 ISO-EVB Isolated Output Circuit Topology