



Process Change Notice #1402141

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PCN Date: 2/14/2014		Effective Date: 3/4/2014	
Title: EM35x: Copper bond wire, Addendum to PCN 1311271			
Originator: David Egan		Phone: +44 7840 309039	Dept: Marketing
Customer Contact: Kathy Haggart		Phone: 512 532 5261	Dept: Inside Sales
PCN Type:			
<input 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>This PCN is issued as an Addendum to PCN 1311271 for EM35x Copper Bond wire. The Qualification report (Appendix A) has been updated after completion of all the remaining reliability tests.</p> <p>If you have questions about this PCN addendum, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at www.silabs.com.</p>			
Reason for Change:			
This addendum has updated the Qualification Report (Appendix A).			
Impact on Form, Fit, Function, Quality, Reliability:			
See PCN 1311271. This addendum is an update to the Qualification report.			
Product Identification:			
See PCN 1311271. This addendum is an update to the Qualification report.			
Last Date of Unchanged Product: 3/4/2014			
Qualification Samples:			
Available upon request. Please contact your Silicon Labs sales representative if you have questions. A list of Silicon Labs sales representatives is available at www.silabs.com .			



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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.haggard@silabs.com

Qualification Data:

The updated qualification report is included in Appendix A.

Appendix A: Qualification Report

EM357 / EM351- Qualification Report

 W7101F1 - Product Qualification Plan and Report Record Rev. F							
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Part Rev A1, TSMC Fabrication, ASECL Assembly except as noted							
Test Name	Test Condition	Qualification	Lot ID or Start	Fail/Pass or End	Notes	Summary	Status
Test Group A - Accelerated Environment Stress Tests							
HAST	JA110 130°C, 85%RH Vcc=VccV, 96 hours	3 lots, N=>25	Q034974	0/30			
			Q034806	0/27		3 lots	Pass
			Q034946	0/30		0/87	
Temp Cycle	JA104 Cond C: -65°C to 150°C 500 cycles	3 lots, N=>25	Q034843	0/27			
			Q034643	0/27		3 lots	Pass
			Q034676	0/27		0/81	
uHAST	JA110 130°C, 85%RH 96hrs	3 lots, N=>25	Q034674	0/30			
			Q034805	0/31		3 lots	Pass
			Q034678	0/31		0/92	
HTSL	JA103 150°C, 1000hr	3 lots, N=>25	Q034677	0/27			
			Q034644	0/27		3 lots	Pass
			Q034804	0/27		0/81	
Test Group E - Electrical Verification							
ESD-HBM	JA114	1 lot, N=>3	Q034472	0/6		2 lots	Max Pass 2000V
			Q034471	0/6		0/12	
ESD-CDM	JC101	1 lot, N=>3	Q034621	0/6		2 lots	Max Pass 1500V
			Q034474	0/6		0/12	
Latch Up	JESD78 ±200mA	1 lot, N=>3	Q034619	0/6	Hot Temp		
			Q034483	0/6	Hot Temp		Pass
			Q034620	0/6	Ambient	4 lots	
			Q034482	0/6	Ambient	0/24	

Notes:

- Parts are Pre-conditioned at MSL 2/260°C

This report applies to the following part numbers:
EM357-RT/RTR EM351-RT/RTR