



180208243 New Assembly & Test Site For Select 48-pin QFN Video Products

PCN Issue Date: 2/8/2018

Effective Date: 5/11/2018

PCN Type: Assembly; Test

Description of Change

Silicon Labs announces the planned addition of Jiangsu Changjiang Electronics Tech. Co. (JCET) as an alternate assembly and test site for select video products available in a 48-pin QFN package. JCET is certified to ISO9001, ISO14001, TS16949, and SONY GREEN Partner. The shipping site location is:

Jiangsu Changjiang Electronics Technology Co.,Ltd.
No.275, Binjiang Rd, Jiangyin
Jiangsu, China

Reason for Change

This change will allow Silicon Labs the flexibility to ship the selected products from multiple facilities and to ensure production capacity in assembly and test.

Impact on Form, Fit, Function, Quality, Reliability

None.

Product Identification

Existing Part #
Si2160-C60-GM
Si2160-C60-GMR
Si2162-C60-GM
Si2162-C60-GMR
Si2164-C60-GM
Si2164-C60-GMR
Si2166-D60-GM
Si2166-D60-GMR
Si2167-D60-GM
Si2167-D60-GMR
Si2168-D60-GM
Si2168-D60-GMR
Si2169-D60-GM
Si2169-D60-GMR
Si2180-B60-GM
Si2180-B60-GMR
Si2181-B60-GM
Si2181-B60-GMR
Si2182-B60-GM
Si2182-B60-GMR
Si2183-B60-GM
Si2183-B60-GMR

Last Date of Unchanged Product: 5/11/2018

Qualification Samples

Available upon request.

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 <http://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: PCNEarlyAcceptance@silabs.com

User Registration

Register today to create your account on Silabs.com. Your personalized profile allows you to receive technical document updates, new product announcements, "how-to" and design documents, product change notices (PCN) and other valuable content available only to registered users. <http://www.silabs.com/profile>

Qualification Data

Please see attached Qualification Report.

 **W7101F1 Product Qualification Plan and Report Rev. E**

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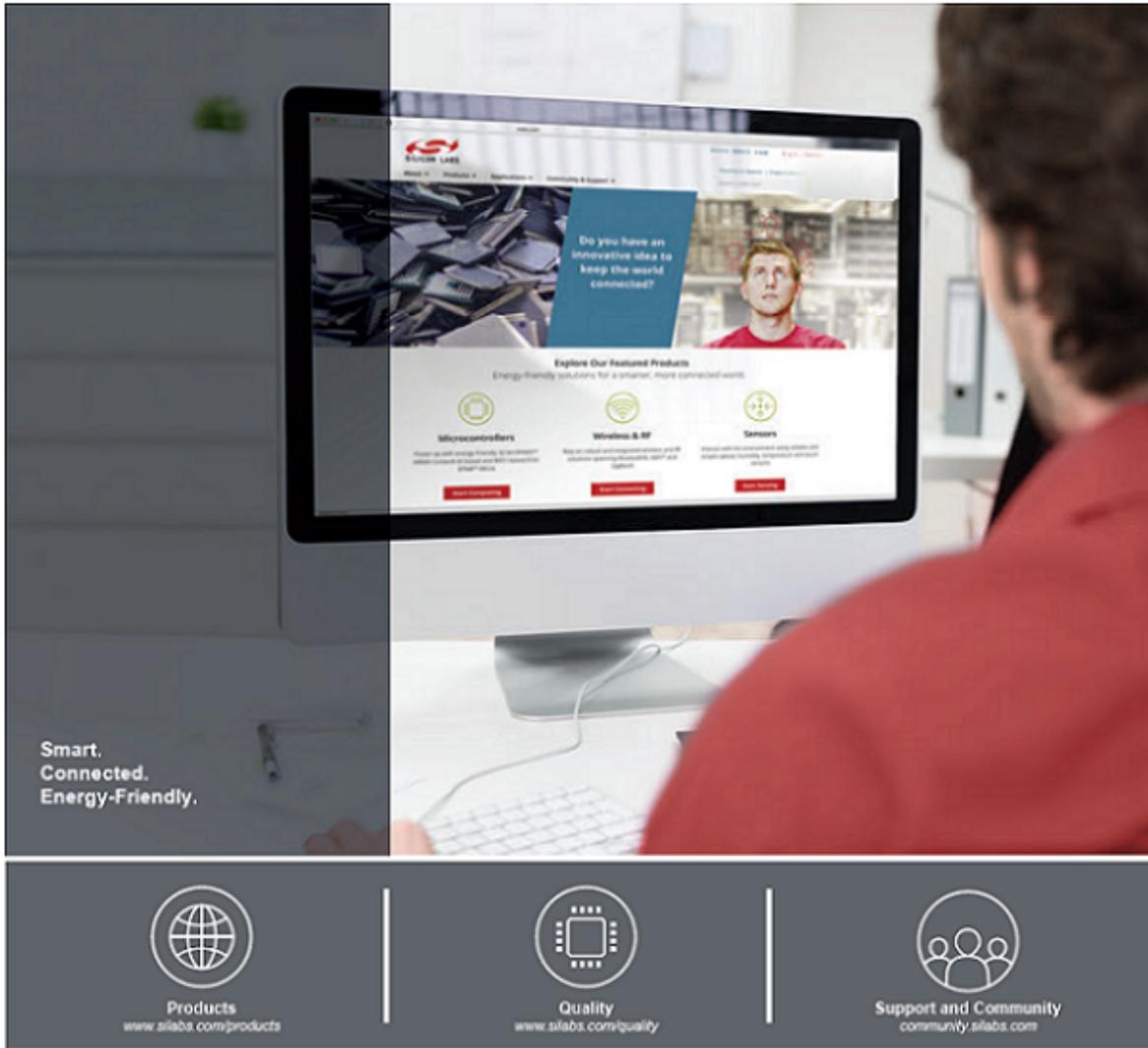
Part Rev A2, SMC Fabrication, JCLT Assembly except as noted							
Test Name	Test Condition	Qualification	Lot ID or Start	Fail/Pass or End	Summary	Notes	Status
HAST	JESD22-A110 Cond A - 130°C / 80RH / 96hr	3 lots, N=25	Q042195 Q042194 Q042193	0/25 0/25 0/25	3 lots 0/75		PASS
HITS	JESD22-A103 - 150°C / 1000hr	3 lots, N=25	Q042198 Q042197 Q042196	0/25 0/25 0/25	3 lots 0/75		PASS
Preconditioning	JESD22-A113 - MSL2@260°C - 85°C/60RH / 168hr	3 lots, N=75	Q042204 Q042203 Q042202 Q042192 Q042191 Q042190	0/120 0/120 0/120 0/150 0/150 0/150	6 lots 0/810	2 2 2 2 2 2	PASS
Temp Cycle	JESD22-A104 Cond C - -65°C / +150°C / 500cycles	3 lots, N=25	Q042201 Q042200 Q042199	0/25 0/25 0/25	3 lots 0/75		PASS
ESD-COM	JunItV - JESD22-C101	1 lots, N=3	Q042205	0/15	1 lots 0/15		PASS

Notes:
 1. Pre-conditioned at MSL2, 260°C

This report applies to the following part numbers:	
ST2160-C60-GM	ST2160-C60-GMR
ST2162-C60-GM	ST2162-C60-GMR
ST2164-C60-GM	ST2164-C60-GMR
ST2166-D60-GM	ST2166-D60-GMR
ST2167-D60-GM	ST2167-D60-GMR
ST2168-D60-GM	ST2168-D60-GMR
ST2169-D60-GM	ST2169-D60-GMR
ST2180-B60-GM	ST2180-B60-GMR
ST2181-B60-GM	ST2181-B60-GMR
ST2182-B60-GM	ST2182-B60-GMR
ST2183-B60-GM	ST2183-B60-GMR

Approved by: Ed Sharp

Prepared on: 2/1/2018



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