

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>

PCN Date: 19May10		Effective Date: 19May10	
Title: MCU DFN, QFN, TQFN & TQFP Package Test Site Expand-ASECL			
Originator: Yi Yin Chee		Phone: +65 - 6511 7749	Dept: Supplier Quality
Customer Contact: Kathy Haggar		Phone: +1.512.532.5261	Dept: Inside Sales
PCN Type: <input type="checkbox"/> Assembly <input type="checkbox"/> Discontinuance <input type="checkbox"/> Package <input checked="" type="checkbox"/> Test <input type="checkbox"/> Datasheet <input type="checkbox"/> Fabrication <input type="checkbox"/> Product Revision <input checked="" type="checkbox"/> Packing <input type="checkbox"/> Labeling <input checked="" type="checkbox"/> Location <input type="checkbox"/> Other			
Last Order Date: 19May10			
PCN Details			
Description of Change: <p>Silicon Labs is pleased to announce the successful qualification of ASE Chung-Li (ASECL) as an alternative Test Site and Shipping Location for the MCU 10-DFN-3X3-LF, 20-QFN-4X4-LF, 24-TQFN-4X4-LF, 28-QFN-5X5-LF, 32-QFN-5X5-LF, 64-TQFP-10X10-LF device families.</p> <p>ASECL uses the same testing equipment, hardware, and test programs used at all other Silicon Labs' approved final test locations for the MCU 10-DFN-3X3-LF, 20-QFN-4X4-LF, 24-TQFN-4X4-LF, 28-QFN-5X5-LF, 32-QFN-5X5-LF, 64-TQFP-10X10-LF devices. The MCU 10-DFN-3X3-LF, 20-QFN-4X4-LF, 24-TQFN-4X4-LF, 28-QFN-5X5-LF, 32-QFN-5X5-LF, 64-TQFP-10X10-LF devices tested at ASECL will fully comply with datasheet parameters and quality levels.</p> <p>ASECL is an existing Test Site and Shipping Location for Silicon Labs. It is certified to ISO9001, ISO14001, ISO/TS16949 and is a Sony Green Partner</p> <p>The packing material from ASECL may be provided by different packing material suppliers, however, all packing materials are Silicon Labs qualified and meet JEDEC requirements.</p>			
Reason for Change: <p>Qualifying MCU 10-DFN-3X3-LF, 20-QFN-4X4-LF, 24-TQFN-4X4-LF, 28-QFN-5X5-LF, 32-QFN-5X5-LF, 64-TQFP-10X10-LF devices in ASECL provides additional capacity to meet growing customer demand.</p>			
Impact on Form, Fit, Function, Quality, Reliability: <p>There is no impact on form, fit, function, quality or reliability of the MCU 10-DFN-3X3-LF, 20-QFN-4X4-LF, 24-TQFN-4X4-LF, 28-QFN-5X5-LF, 32-QFN-5X5-LF, 64-TQFP-10X10-LF devices qualified for final test at ASECL. The new qualified MCU devices will comply with Silicon Labs' relevant datasheets and quality levels.</p>			

Product Identification:

See Appendix A for Affected Part Numbers.

The ship-from location on 3S and shipping labels on outer box will reflect ASECL address.

3S Label: Located on the outer box

From:	ASE (Chung-Li) Inc. 550 Chung-Hwa Road, Sec. 1 Chung-Li, TW 320
To:	
Shipment address	
(K) TRANS ID: NCD00293	
(3S) PKG ID: 10226292	
(P) CUST PROD ID:	
(Q) QUANTITY: 2880	
(1P) SUPPLIER PROD ID: SI8421AB-C-IS	
DESCRIPTION:	
ESD SENSITIVE MATERIAL	
Package Count:	Package Weight:
1 OF 1	LB

Shipping Label: Located on the outer box

80095385
From:
ASE (Chung-Li) Inc. 550 Chung-Hwa Road, Sec. 1 Chung-Li, TW 320
To:
Attention:
Shipment Address

Last Date of Unchanged Product: 19May10

Qualification Samples:

Available upon request. Please contact your local Silicon Laboratories sales representative to order samples. A list of Silicon Laboratories sales representatives may be found 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.haggard@silabs.com

Qualification Data:

The MCU 10-DFN-3X3-LF, 20-QFN-4X4-LF, 24-TQFN-4X4-LF, 28-QFN-5X5-LF, 32-QFN-5X5-LF, 64-TQFP-10X10-LF devices tested at ASECL were qualified in accordance with Silicon Labs specification QS7107 - Offshore Test Transfer.

Devices : MCU 10-DFN-3X3-LF, 20-QFN-4X4-LF, 24-TQFN-4X4-LF, 28-QFN-5X5-LF, 32-QFN-5X5-LF, 64-TQFP-10X10-LF Families

Qualification Tests	Test Golden Units. Test Results Reviewed by Silicon Labs PTE	Test Passing Correlation Units (All Must Pass)	Test Reject Correlation Units (All Must Fail)	Test Qualification Lot(s). 100% Retest of Good Devices.
Results	Passed	Passed	Passed	Passed

Appendix A - Affected Part Numbers

Affected Ordering Part Numbers				
C8051F123-GQ	CP2102-GM	C8051F321-GM	CF321-PM0161GM	
C8051F123-GQR	CP2102-GMR	C8051F321-GMR	CF321-PM0161GMR	
C8051F301-GM	C8051F921-GM	C8051F362-GM	CP2103-GM	
C8051F301-GMR	C8051F921-GMR	C8051F362-GMR	CP2103-GMR	
CF300-PM0317GM	CP2120-GM	C8051F411-GM	C8051F317-GM	
CF300-PM0317GMR	CP2120-GMR	C8051F411-GMR	C8051F317-GMR	
C8051F316-GM	C8051F313-GM	C8051F920-GM	C8051F311-GM	
C8051F316-GMR	C8051F313-GMR	C8051F920-GMR	C8051F311-GMR	

Note: Affected Part Numbers also include all custom parts made from the listed base parts.