

Process Change Notice #1003231

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CN Date: 23Mar10		Effective Date: 23Mar10					
Title: MCU 100-TQFP-14X14-LF Family Test Site Expansion-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:							
☐ Assembly ☐ Discor	ntinuance 🗌 F	ackage	⊠ Test				
☐ Datasheet ☐ Fabric	cation 🗌 P	ation Product Revision					
$oxed{igwedge}$ Packing $oxed{igwedge}$ Labeli	ing 🖂 L	.ocatior	Other				
Last Order Date: 23Mar10							
PCN Details							
Description of Change:							
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 100-TQFP-14X14-LF Device Family. 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.							
ASECL uses the same testing and handling equipment, hardware, and test programs used at all other Silicon Labs' approved final test locations for the MCU 100-TQFP-14X14-LF Device Family. The MCU 100-TQFP-14X14-LF Device Family tested at ASECL will fully comply with datasheet parameters and quality levels.							
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.							
Reason for Change:							
Increase test capacity for MCU 100-TQFP-14X14-LF Device Family, improving Silicon Lab's on time performance to our customer requested delivery dates.							
Impact on Form, Fit, Function, Quality, Reliability:							
There is no impact to form, fit or function of the MCU 100-TQFP-14X14-LF Device Family. The MCU 100-TQFP-14X14-LF Device Family will comply with Silicon Labs' relevant datasheets and quality levels.							
There are no changes in packing material dimensions that may affect customer application.							

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Product Identification:

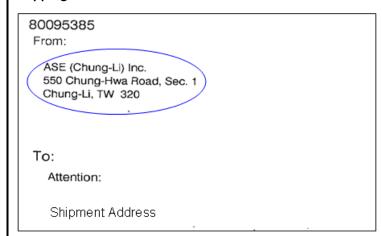
See Appendix A for Affected Part Numbers.

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

3S Label: Located on the outer box



Shipping Label: Located on the outer box





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Last Date of Unchanged Product: 23Mar10

Following the Effective Date of this PCN, Silicon Laboratories may utilize any of the qualified test sites to schedule and fulfill orders for the affected products.

Qualification Samples: N/A

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.haggar@silabs.com

Qualification Data:

The MCU 100-TQFP-14X14-LF Device Family tested at ASECL was qualified in accordance with Silicon Labs specification QS7107 - Offshore Test Transfer.

Device: 100-TQFP-14X14-LF Family

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					
C8051F020-GQ	C8051F062-GQ	C8051F126-GQ			
C8051F020-GQR	C8051F062-GQR	C8051F126-GQR			
C8051F022-GQ	C8051F064-GQ	C8051F130-GQ			
C8051F022-GQR	C8051F064-GQR	C8051F130-GQR			
C8051F040-GQ	C8051F066-GQ	C8051F132-GQ			
C8051F040-GQR	C8051F066-GQR	C8051F132-GQR			
C8051F042-GQ	C8051F120-GQ	CF022-PM0442GQ			
C8051F042-GQR	C8051F120-GQR	CF022-PM0442GQR			
C8051F046-GQ	C8051F122-GQ	CF022-PM0443GQ			
C8051F046-GQR	C8051F122-GQR	CF022-PM0443GQR			
C8051F060-GQ	C8051F124-GQ	CF120-XM0232GQ			
C8051F060-GQR	C8051F124-GQR	CF120-XM0232GQR			

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