



Process Change Notice #1511251

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PCN Date: 11/25/2015		Effective Date: 3/1/2016	
Title: Si533xx QFN Ship Media Change			
Originator: Murali Chandran		Phone: +1-512-464-9278	Dept: Marketing
Customer Contact: Kathy Haggar		Phone: +1-512-532-5261	Dept: Customer Service
PCN Type:			
<input type="checkbox"/> Datasheet	<input type="checkbox"/> Foundry	<input checked="" type="checkbox"/> Packing	
<input 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: N.A			
PCN Details			
Description of Change:			
Silicon Labs is pleased to announce a change in shipping media from tube to tray for Si533xx QFN packages in bulk shipping media (i.e. orders not in tape and reel). The tray complies with industry standard JEP 95 Sec 4, describing design guidelines for low profile matrix tray, as defined in CO-034D. This change in ship media occurs coincident with the test capacity expansion for the Si533xx QFN products. KYEC Chunan (King Yuan Electronics Company) is added as a qualified test and shipping site for this product family.			
KYEC Chunan is an existing fully qualified test supplier for Silicon Labs Timing product families, certified and registered to ISO 9001, ISO 14001, ISO/TS 16949 and a Sony Green Partner.			
After the effective date of this PCN, Silicon Labs will ship in trays for Si533xx QFN Clock Buffer bulk orders.			
Reason for Change:			
This change is being implemented to support a capacity expansion			
Impact on Form, Fit, Function, Quality, Reliability:			
Only the form of the bulk shipping media will change. There is no impact on Form, Fit, Function, Quality and Reliability of the IC component. The same test equipment including ATE, test load board hardware and test software will be used at KYEC as that currently used at other Silicon Labs test sites. Please refer to Appendix A for drawings of trays that will be used with QFN-3x3, QFN-5x5 and QFN-7x7.			



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Product Identification:

Silicon Labs OPN	Silicon Labs OPN	Silicon Labs OPN
16-QFN-3X3	32-QFN-5X5	44-QFN-7X7
SI53306-B-GM	SI53301-B-GM	SI53302-B-GM
SI53306-B00004-GM	SI53301-B0001-GM	SI53302-B00005-GM
SI53307-B-GM	SI53301-B0002-GM	SI53303-B-GM
SI53322-B-GM	SI53304-B-GM	SI53305-B-GM
SI53323-B-GM	SI53308-B-GM	SI53312-B-GM
SI53340-B-GM	SI53311-B-GM	SI53313-B-GM
	SI53314-B-GM	SI53315-B-GM
	SI53321-B-GM	
	SI53325-B-GM	

Last Date of Unchanged Product: 3/1/2016

Qualification Samples:
 Samples are available upon request.



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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 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: katherine.haggard@silabs.com

Qualification Data:

1) Test Qualification - Available upon request. The table below summarizes the results:

Qualification Tests	Test Golden Units	Test Known Good Correlation Units	Test Rejected Correlation Units	Test Qualification Lot(s)
Passing Criteria	All Must Pass	All Must Pass	All Must Fail	100% Retest of Good Devices. All must pass
Results	Pass	Pass	Pass	Pass

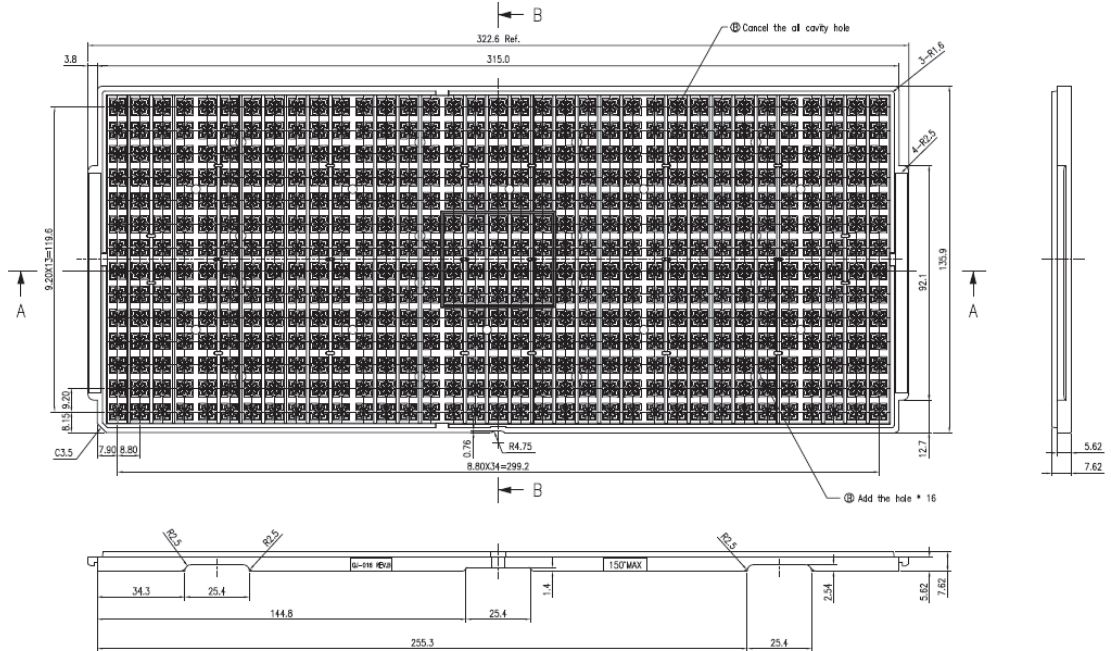
2) Appendix-A

a. Sunrise tray drawing - 16-QFN-3X3



QJ-016B_16QFN-3x3
(Si533xx).pdf

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b. Tray drawing - 32-QFN-5X5



QJ-A02-(D)_32QFN-5
x5 (Si533xx).pdf

