

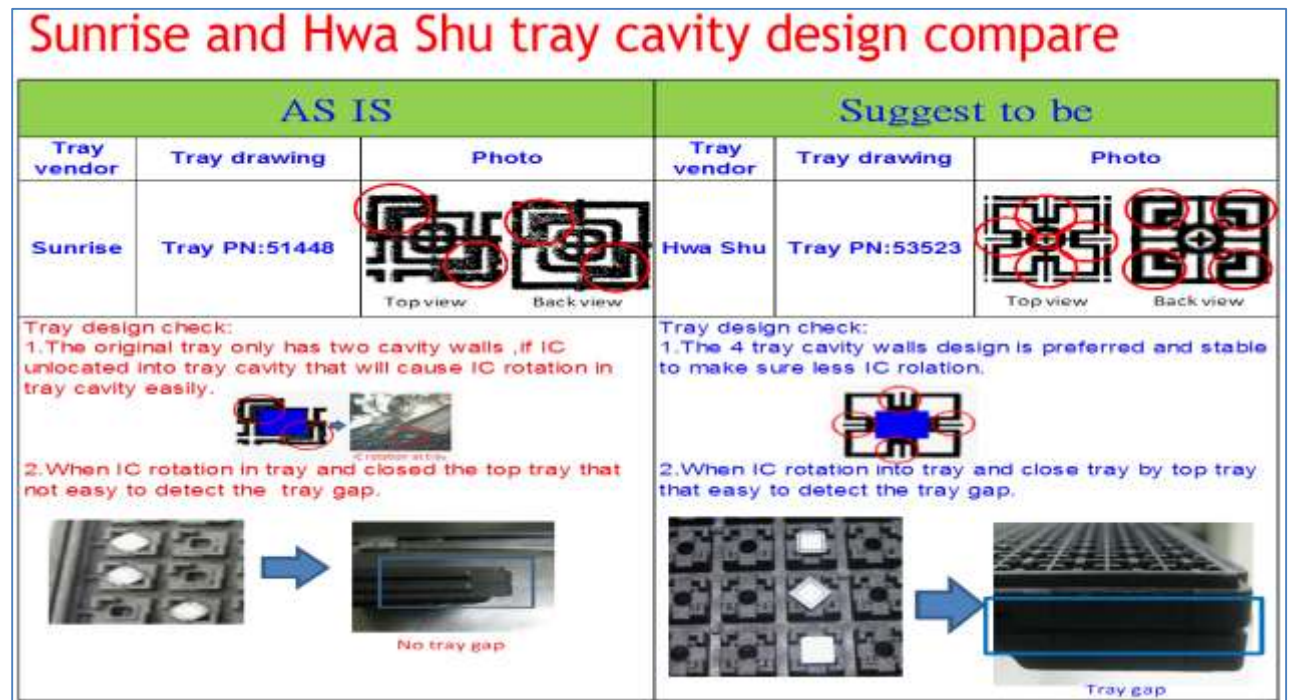
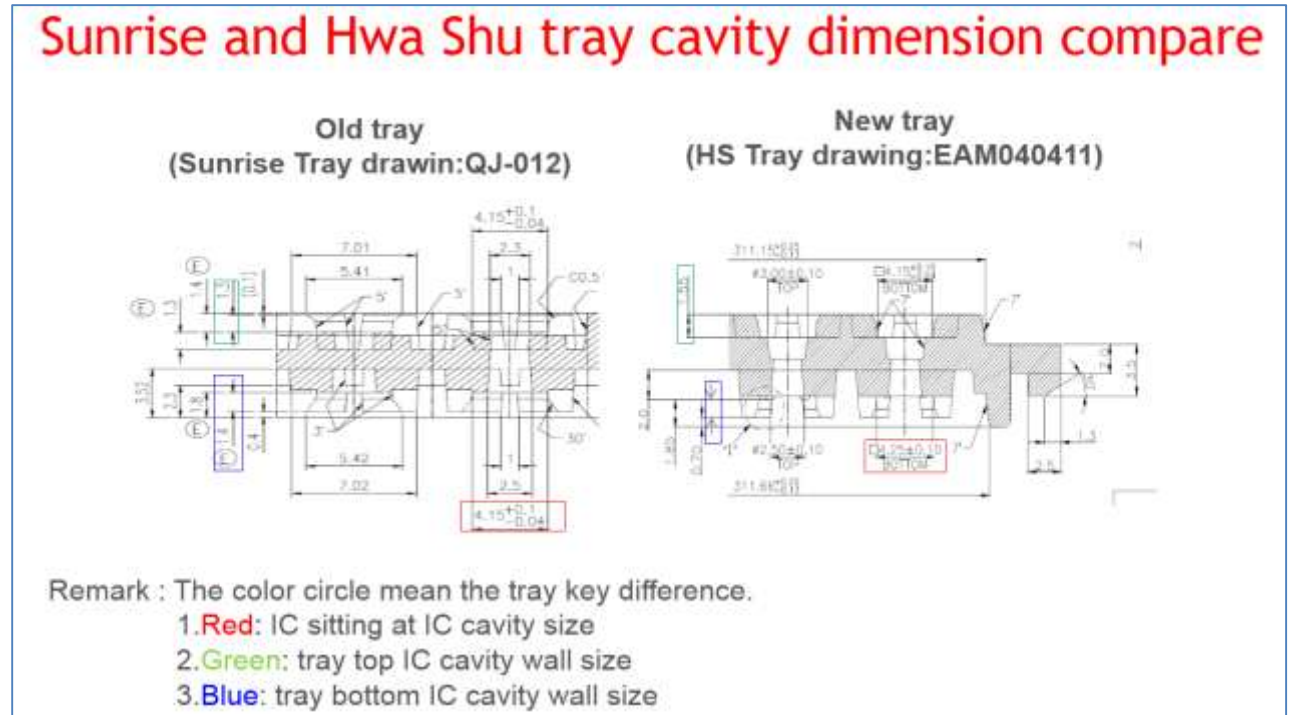
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Bulletin Date: 12/24/2014		Bulletin Effective Date: 12/24/2014	
Title: SPIL_QFN-4x4_Tray change			
Originator: Paranidharan Rengarajan		Phone: +65 6511 7735	Dept: Supplier Management
Customer Contact: Kathy Haggart		Phone: (512) 532-5261	Dept: Sales
Bulletin Details			
Description: Silicon Labs is pleased to announce a change is being made to the shipment media for Si40xx/Si43xx/Si44xx QFN-4x4 devices. Per the effective date of this PCN, there will be a change in tray supplier from Sunrise QJ-012 to Hwa Shu EAM040411. The tray dimensions for the current and new tray are identical, except the new tray’s cavity design and wall size have been optimized to prevent unit tilt and unit misplacement issues. Please refer to “ Appendix A ” for the comparison details between Sunrise QJ-012 & Hwa Shu EAM040411 trays. Refer to “ Appendix B ” for the tray drawings of both Sunrise QJ-012 & Hwa Shu EAM040411 trays.			
Reason: This change is being made to improve quality and operational efficiency.			
Product Identification: Refer to “ Appendix C ” for details.			
This is a minor change which does not affect form, fit, function, quality, or reliability. This information is being provided as a customer courtesy. Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at www.silabs.com			
Customer Actions Needed: None.			

Appendix A

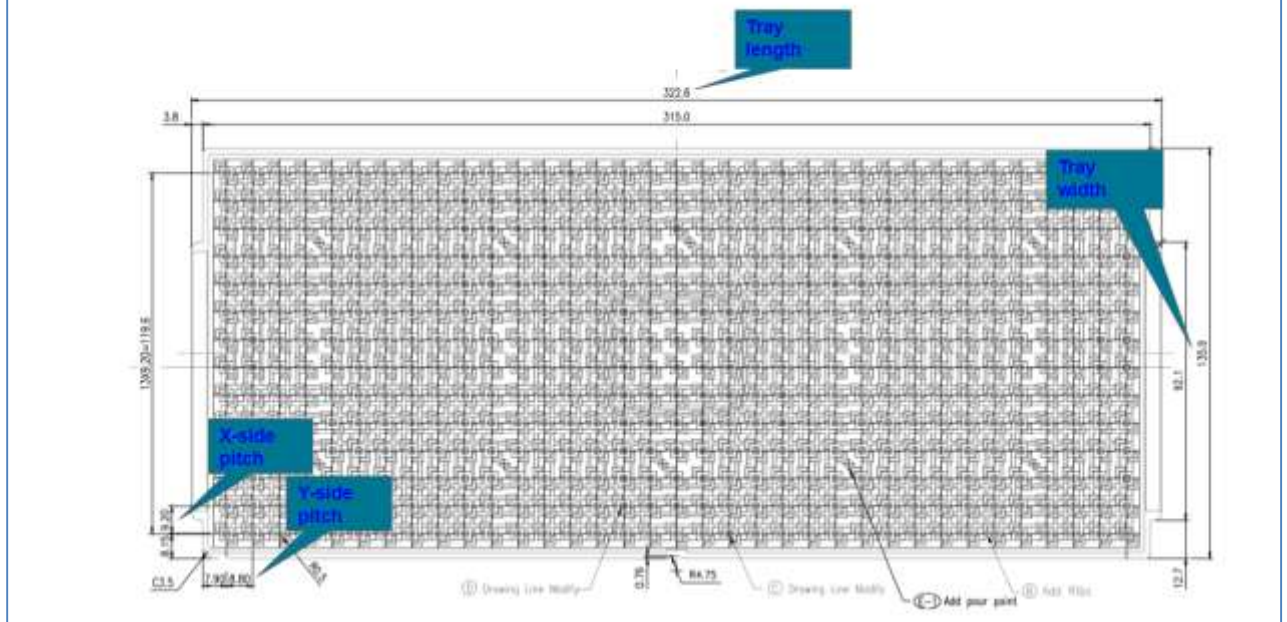
Comparison between Sunrise and Hwa Shu tray:



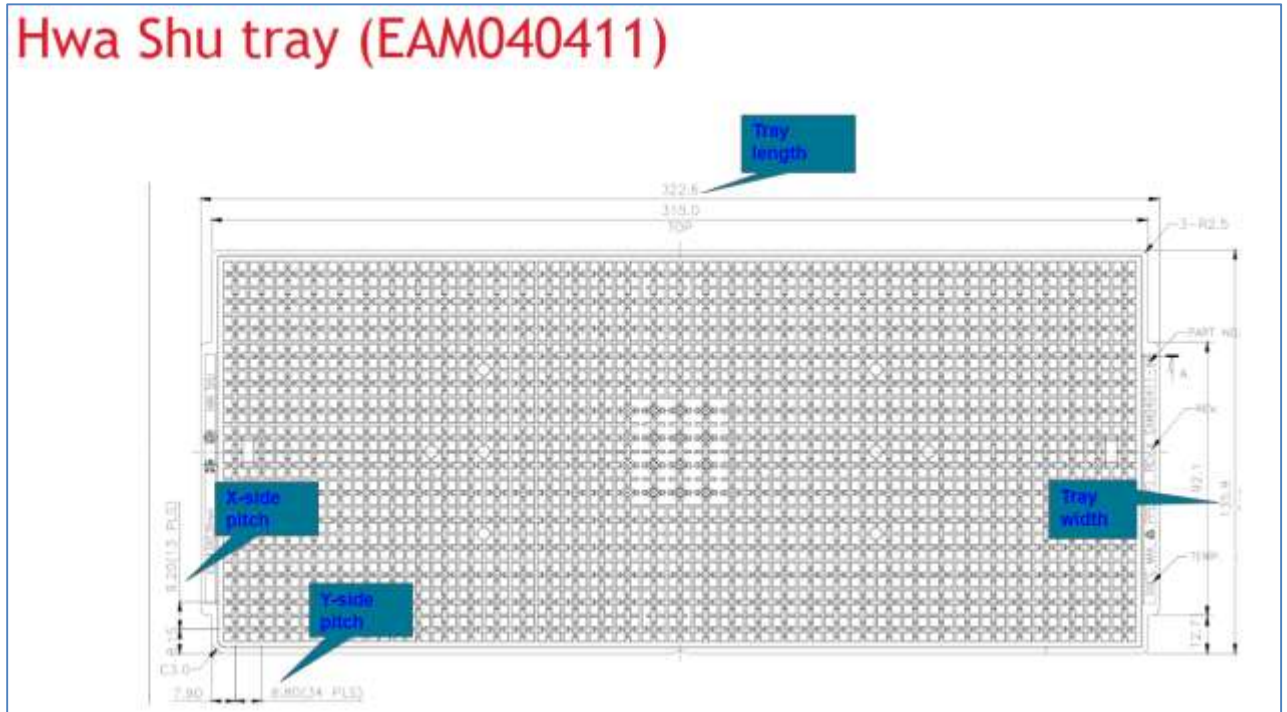
Sunrise and Hwa Shu tray out dimensions compare

Item	Sunrise tray (Tray drawing: QJ-012)	Hwa Shu tray (Tray drawing: EAM040411)	GAP
Tray Length	322.6mm	322.6mm	NO
Tray Width	135.9mm	135.9mm	NO
X-side pitch	9.20mm	9.20mm	NO
Y-side pitch	8.80mm	8.80mm	NO

Sunrise tray (QJ-012)

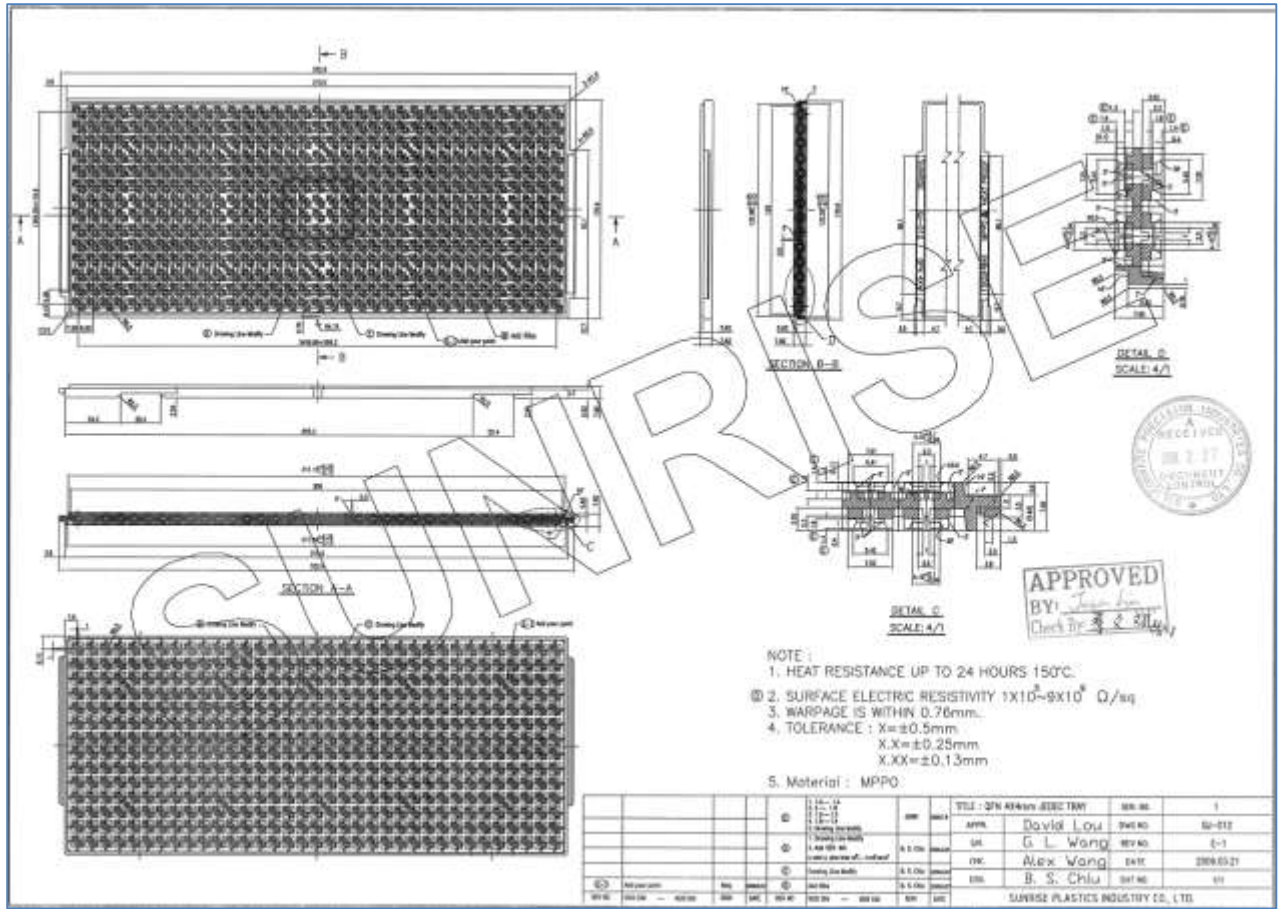


Hwa Shu tray (EAM040411)

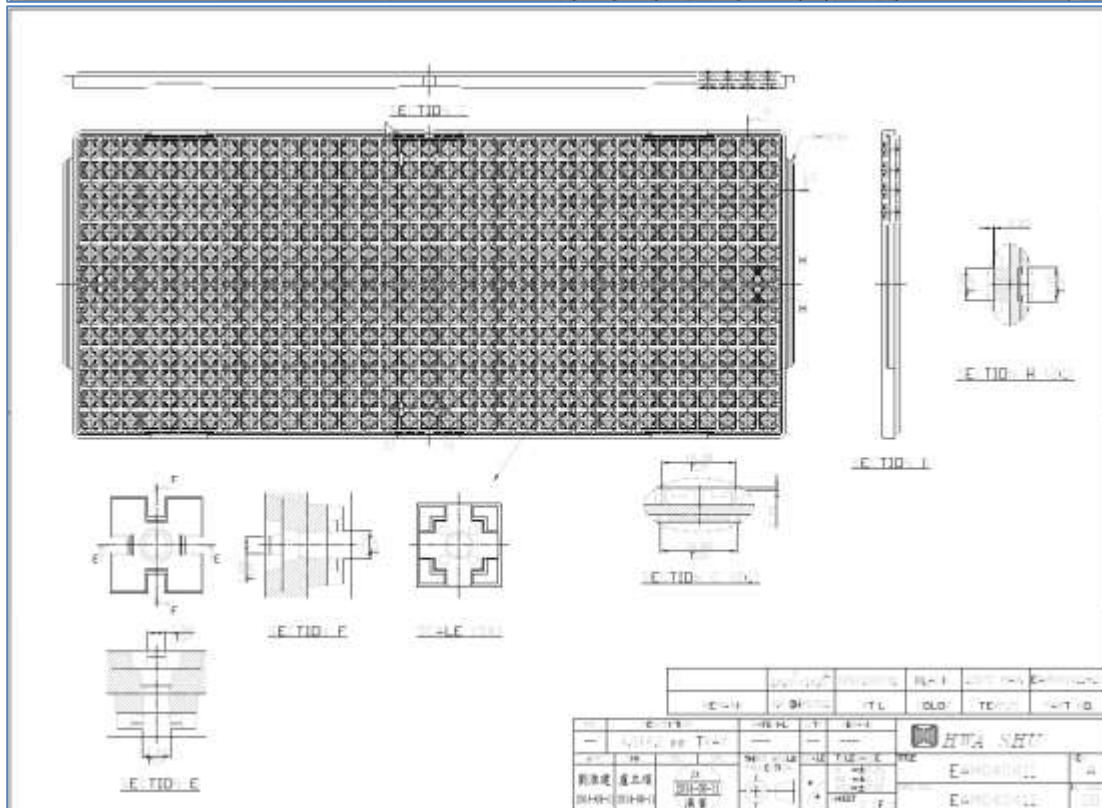
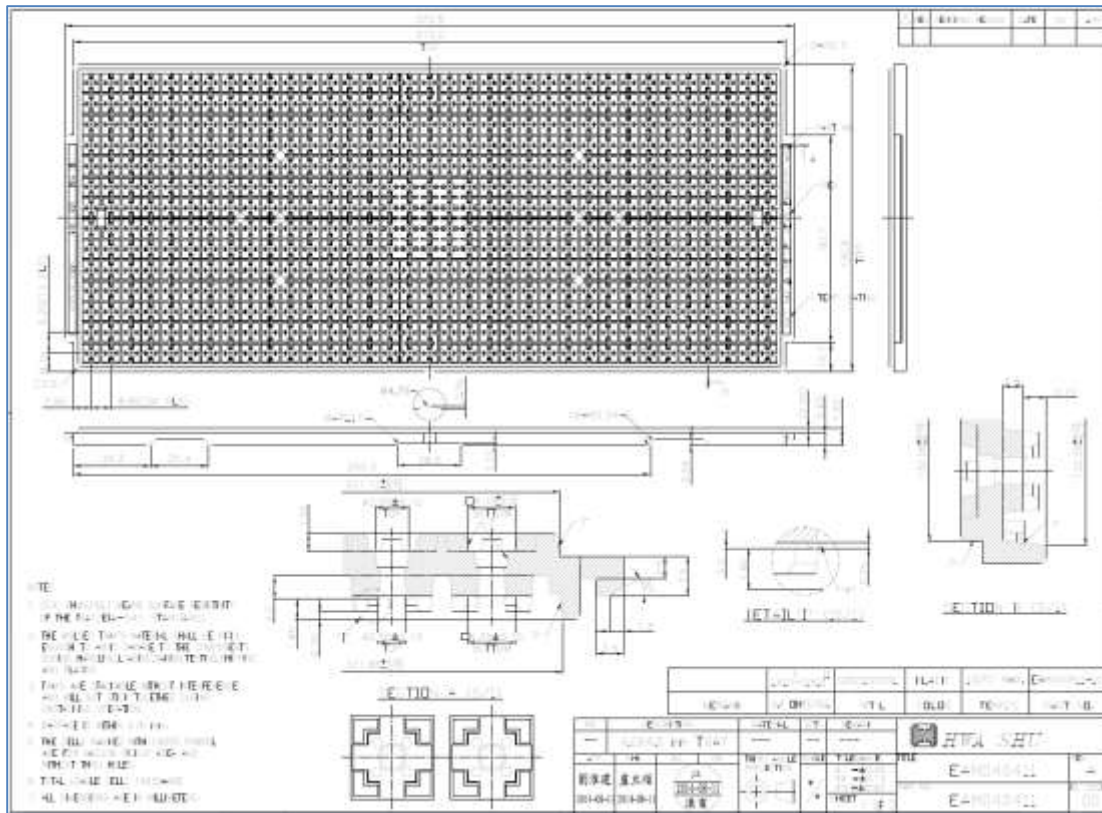


Appendix B

Pocket Design & Dimension of Sunrise QJ-012 Tray (QFN-4x4):



Pocket Design & Dimension of Hwa Shu EAM040411 Tray (QFN-4x4):



Appendix C

Affected Device List:

SI4030-A0-FM	SI4430-A0-FM
SI4030-B1-FM	SI4430-B1-FM
SI4031-A0-FM	SI4431-A0-FM
SI4031-B1-FM	SI4431-B1-FM
SI4032-B1-FM	SI4432-B1-FM
SI4033-B2-FM	SI4432-V2-FM
SI4060-B1B-FM	SI4438-B1C-FM
SI4063-B1B-FM	SI4460-B1B-FM
SI4313-B1-FM	SI4461-B1B-FM
SI4330-A0-FM	SI4463-B1B-FM
SI4330-B1-FM	SI4464-B1B-FM
SI4362-B1B-FM	Si4432-B1-xMx
Si4031-B1-xMx	Si4460-B1B-xM
Si4032-B1-xMx	Si4460-B1B-xMx
Si4313-B1-xMx	Si4461-B1B-xMx
Si4330-B1-xMx	Si4463-B1B-xMx
Si4431-B1-xMx	

Note: The part numbers above containing an 'x' are customized part numbers