



Product Change Notification / JAON-13HLYS336

Date:

17-Dec-2020

Product Category:

Bluetooth Silicon

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4384.001 Final Notice: Qualification of MMT as an additional assembly site for IS1678S-151, IS1678S-151-TRAY, IS1678S-152, and IS1678S-152-TRAY catalog part numbers available in 40L VQFN (6x6x0.9mm) package.

Affected CPNs:

[JAON-13HLYS336_Affected_CPN_12172020.pdf](#)

[JAON-13HLYS336_Affected_CPN_12172020.csv](#)

Notification Text:

PCN Status: Final notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change: Qualification of MMT as an additional assembly site for IS1678S-151, IS1678S-151-TRAY, IS1678S-152, and IS1678S-152-TRAY catalog part numbers available in 40L VQFN (6x6x0.9mm) package.

Pre Change:

Assembled at ASCL using palladium coated copper (PdCu) bond wire and EN-4900 die attach material

Post Change:

Assembled at ASCL using palladium coated copper (PdCu) bond wire and EN-4900 die attach material or assembled at MMT using gold (Au) bond wire and 8008MD / 8006NS die attach material.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Group Chung-Li (ASCL)	ASE Group Chung-Li (ASCL)	Microchip Technology Thailand - Branch (MMT)
Bond Wire material	PdCu	PdCu	Au
Die attach material	EN-4900	EN-4900	8008MD / 8006NS
Molding compound material	G700	G700	G700
Lead frame material	A194	A194	A194
Lead frame lead-lock	No	No	Yes
Lead frame design	Minor dimensional changes <i>Refer to attachment for details</i>		

Impacts to Data Sheet: Yes, with changes to the package outline drawing.

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:

January 15, 2021 (date code: 2103)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	December 2020					January 2021				
Workweek	49	50	51	52	53	01	02	03	04	05
Qual Report			X							

Availability										
Final PCN Issue Date			X							
Estimated Implementation Date								X		

Method to Identify Change: Traceability code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:

December 17, 2020: Issued final notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_JAON-13HLYS336_Qual_Report.pdf](#)

[PCN_JAON-13HLYS336_Pre and Post Change Summary.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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