



Product Change Notification - JAON-22XFVI227

Date:

09 Jan 2020

Product Category:

32-bit Microcontrollers; Touchscreen Controllers; Others

Affected CPNs:**Notification subject:**

CCB 3871 Final Notice: Qualification of MMT as an additional assembly site for selected Atmel products of 58.85K wafer technology available in 100L TQFP (14x14x1.0 mm) package.

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 selected Atmel products of 58.85K wafer technology available in 100L TQFP (14x14x1.0 mm) package.

Pre Change:

Assembled at ASE assembly site using Au bond wire, CRM-1076WA die attach, G631H molding compound, C7025 lead frame material or assembled at ANAP using AuPd bond wire, 3230 die attach, G700 mold compound and C194 lead frame material.

Post Change:

Assembled at ASE assembly site using Au bond wire, CRM-1076WA die attach, G631H molding compound, C7025 lead frame material or assembled at ANAP using AuPd bond wire, 3230 die attach, G700 mold compound and C194 lead frame material or assembled at MMT using Au bond wire, 3280 die attach material, G700 mold compound and C7025 lead frame material.

Pre and Post Change Summary:

	Pre Change		Post Change		
Assembly Site	Advanced Semiconductor Engineering, Inc. (ASE)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Advanced Semiconductor Engineering, Inc. (ASE)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (MMT)
Wire material	Au	AuPd	Au	AuPd	Au
Die attach material	CRM-1076WA	3230	CRM-1076WA	3230	3280
Molding compound material	G631H	G700	G631H	G700	G700
Lead frame material	C7025	C194	C7025	C194	C7025
MSL Level	MSL 3	MSL 3	MSL 3	MSL 3	MSL 1
Tray Info	Bakeable Tray	Bakeable Tray	Bakeable Tray	Bakeable Tray	Non-Bakeable Tray



See pre and post change comparison

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability and on-time delivery by qualifying MMT as an additional assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

February 9, 2020 (date code: 2007)

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

Time Table Summary:

Workweek	July 2019					-->	January 2020					February 2020			
	27	28	29	30	31		01	02	03	04	05	06	07	08	09
Initial PCN Issue Date				X											
Qual Report Availability							X								
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:

July 22, 2019: Issued initial notification.

August 13, 2019: Re-issued initial notification to update the attached pre and post comparison file to correct the post site from MTAI to MMT

January 9, 2020: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on February 9, 2020.

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

Attachment(s):

[PCN JAON-22XFVI227 Qual Report.pdf](#)

[PCN JAON-22XFVI227 TRAY PRE AND POST CHANGE CCB 3871_rev1.pdf](#)

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

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