

**Product Change Notification - JAON-22XFVI227**


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**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		
<b>Assembly Site</b>	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)
<b>Wire material</b>	Au	AuPd	Au	AuPd	Au
<b>Die attach material</b>	CRM-1076WA	3230	CRM-1076WA	3230	3280
<b>Molding compound material</b>	G631H	G700	G631H	G700	G700
<b>Lead frame material</b>	C7025	C194	C7025	C194	C7025
<b>MSL Level</b>	MSL 3	MSL 3	MSL 3	MSL 3	MSL 1
<b>Tray Info</b>	Bakeable Tray	Bakeable Tray	Bakeable Tray	Bakeable Tray	Non-Bakeable Tray

**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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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

AT32UC3C1128C-AUR  
AT32UC3C1128C-AUT  
AT32UC3C1256C-AUR  
AT32UC3C1256C-AURA0  
AT32UC3C1256C-AUT  
AT32UC3C1256C-AZR  
AT32UC3C1256C-AZT  
AT32UC3C1512C-AUR  
AT32UC3C1512C-AUT  
AT32UC3C1512C-AZR  
AT32UC3C1512C-AZT  
AT32UC3C164C-AUR  
AT32UC3C164C-AUT  
ATMXT3432S-M-AT  
ATMXT3432S-M-ATR  
ATMXT540E-AB  
ATMXT540E-ABR  
ATMXT540E-AT  
ATMXT540E-ATR  
ATMXT768E-AB  
ATMXT768E-ABR  
ATMXT768E-AT  
ATMXT768E-ATR  
ATMXT768EC06-AB  
ATMXT768EC06-ABR  
ATUC3T-ATR