



**Product Change Notification / JAON-17QXCZ072**

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**Date:**

11-Jan-2016

**Product Category:**

16-Bit - Microcontrollers and Digital Signal Controllers, 32-bit Microcontrollers, 8-bit Microcontrollers, Wireless Modules

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 1643 Final Notice: Qualification of 64L QFN (9x9x0.9mm) package with 264x264 LeadFrame Paddle size and 40L QFN (6x6x0.9mm) package with 193x193 LeadFrame Paddle size for selected products at MTAI.

**Notification Text:**

**PCN Status:** Final notification

**Microchip Parts Affected:**Please open the attachments found in the attachments field below labeled as PCN\_#\_Affected\_CPN.

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

**Description of Change:**Qualification of 64L QFN (9x9x0.9mm) package with 264x264 Lead-Frame Paddle size and 40L QFN (6x6x0.9mm) package with 193x193 Lead-Frame Paddle size for selected products at MTAI assembly site.

**Pre Change:**Assembled at NSEB assembly site

**Post Change:**Assembled at NSEB or MTAI assembly site

**Pre and Post Change Summary:**

	<b>Pre Change</b>	<b>Post Change</b>	
<b>Assembly Site</b>	NSEB assembly site	NSEB assembly	MTAI Assembly

		site	site
<b>Wire material</b>	Au wire	Au wire	Au Wire
<b>Die attach material</b>	8600 / 8200T	8600 / 8200T	3280
<b>Molding compound material</b>	G700LTD / G770HCD	G700LTD / G770HCD	G700LTD
<b>Lead frame material</b>	EFTEC-64T	EFTEC-64T	C194

**Impacts to Data Sheet:** None

**Reason for Change:**To Improve On-Time Delivery Performance by qualifying MTAI as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**February 6, 2016 (date code: 1605)

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

**Summary Table:**

	June 2015					July 2015	Nov 2015	December 2015					January 2016				February 2016			
	23	24	25	26	27			49	50	51	52	53	01	02	03	04	05	06	07	08
WW																				
Initial PCN Issue Date				X																
Qual Report Availability								X												
Final PCN Issue Date																				
Implementation Date														X				X		

**Markings to Distinguish Revised from Unrevised Devices:** Traceability code

**Revision History:****June 22, 2015:** Issued initial notification.**January 11, 2016:** Issued final notification. Attached the qualification report. Revised the estimated first ship date from August 15, 2015 to February 6, 2016. Updated the scope of the change to add 40L QFN (6x6x0.9mm) package with 193x193 Lead-Frame Paddle size and 64L QFN (9x9x0.9mm) package with 264x264 Lead-Frame Paddle size only.

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-17QXCZ072\\_Qual\\_Report.pdf](#)

[PCN\\_JAON-17QXCZ072\\_Affected\\_CPN.pdf](#)

[PCN\\_JAON-17QXCZ072\\_Affected\\_CPN.xls](#)

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

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