

Product Change Notification - RMES-19QWFS608

Date:

25 Jun 2020

Product Category:

8-bit Microcontrollers

Affected CPNs:

Notification subject:

Memo # ML112019001A Final Notice: Introduction of new package 48L VQFN (6x6x0.9mm) to an existing ATMEGA3209 and ATMEGA4809 device families that are currently available in 48L UQFN (6x6x0.5mm) 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:

Introduction of new package 48L VQFN (6x6x0.9mm) to an existing ATMEGA3209 and ATMEGA4809 device families that are currently available in 48L UQFN (6x6x0.5mm) package.

Pre Change:

Available in 48L UQFN (6x6x0.5mm)

Post Change:

Available in 48L VQFN (6x6x0.9mm)

Pre and Post Change Summary:

		Pre Change	Post Change
Catalog Part Number		No change	No change
Package type		UQFN	VQFN
Package size		6x6x0.5mm	6x6x0.9mm
Package dimension (min/max)	Overall Height	0.50 (0.45/0.55)	0.85 (0.80/0.90)
	Terminal Thickness	0.127 REF	0.20 REF
	Exposed Pad Width	4.60 (4.45/4.75)	4.10 (4.00/4.20)
	Exposed Pad Length	4.60 (4.45/4.75)	4.10 (4.00/4.20)
	Terminal to Exposed Pad	0.20 MIN	0.55 REF

Impacts to Data Sheet:

Yes - Ordering Information and Package Drawings section.

Note: Microchip will issue separate PCN for datasheet update.

Change Impact:

None

**Reason for Change:**

To improve manufacturability by qualifying new package for existing device families affected.

Change Implementation Status:

In Progress

Estimated First Ship Date:

July 25, 2020 (date code: 2030)

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

Time Table Summary:

Workweek	November 2019					>	June 2020					July 2020			
	44	45	46	47	48		23	24	25	26	27	28	29	30	31
Initial PCN Issue date					X										
Final PCN Issue Date											X				
Qual Report Availability											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:

November 26, 2019: Issued initial notification.

June 25, 2020: Issued final notification. Updated the notification subject, description of change and Qual report title. Attached is the qualification report and added estimated first ship date by July 25, 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_RMES-19QWFS608_Qual_Report.pdf](#)

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

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