

**Product Change Notification - RMES-19QWFS608**


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**Date:**

26 Nov 2019

**Product Category:**

8-bit Microcontrollers

**Affected CPNs:**

**Notification subject:**

Memo # ML112019001A Initial Notice: Introduction of new package for existing ATMEGA3209 and ATMEGA4809 device families available in 48L UQFN (6x6x0.5mm) package.

**Notification text:**
**PCN Status:**

Initial 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 for existing ATMEGA3209 and ATMEGA4809 device families available in 48L UQFN 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
<b>Catalog Part Number</b>		No change	No change
<b>Package type</b>		UQFN	VQFN
<b>Package size</b>		6x6x0.5mm	6x6x0.9mm
<b>Package dimension</b> (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 Qualification Completion Date:**

April 2020

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts

**Time Table Summary:**

Workweek	November 2019					->	April 2020				
	44	45	46	47	48		14	15	16	17	18
Initial PCN Issue date					X						
Final PCN Issue Date											X
Qual Report Availability											X

**Method to Identify Change:**

Traceability code

**Qualification Plan:**

Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:**

**November 26, 2019:** Issued initial notification.

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\\_Plan.pdf](#)

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

**Terms and Conditions:**

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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)

ATMEGA3209-MU

ATMEGA3209-MUR

ATMEGA3209-MF

ATMEGA3209-MFR

ATMEGA4809-MU

ATMEGA4809-MUR

ATMEGA4809-MF

ATMEGA4809-MFR