



## Product Change Notification / RMES-19QWFS608

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### Date:

25-Jun-2020

### Product Category:

8-bit Microcontrollers

### PCN Type:

Manufacturing Change

### 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.

### Affected CPNs:

[RMES-19QWFS608\\_Affected\\_CPN\\_06252020.pdf](#)

[RMES-19QWFS608\\_Affected\\_CPN\\_06252020.csv](#)

### 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
<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 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:**

	November 2019					>	June 2020					July 2020			
	Workweek	44	45	46	47		48	23	24	25	26	27	28	29	30
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.

### Attachments:

[PCN\\_RMES-19QWFS608\\_Qual\\_Report.pdf](#)

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

### Terms and Conditions:

If you wish to [receive Microchip PCNs via email](#) please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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