

## Product Change Notification - RMES-27EGDU414

**Date:**

22 Nov 2019

**Product Category:**

8-bit Microcontrollers

**Affected CPNs:****Notification subject:**

CCB 3634 Final Notice: Qualification of MMT as an additional assembly site for selected Atmel products available in 32L VQFN (5x5x0.9mm) 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 available in 32L VQFN (5x5x0.9mm) package.

**Pre Change:**

Assembled at ASCL using EN4900G die attach and C194 lead frame material in 138x138 paddle size.

**Post Change:**

Assembled at ASCL using EN4900G die attach and C194 lead frame material in 138x138 paddle size,

or

Assembled at MMT using 3280 die attach and C194 lead frame material in 150x150 paddle size.

**Pre and Post Change Summary:**

		Pre Change	Post Change	
Assembly Site		ASE Group Chung-Li (ASCL)	ASE Group Chung-Li (ASCL)	Microchip Technology Thailand (Branch) (MMT)
Wire material		CuPdAu	CuPdAu	CuPdAu
Die attach material	Conductive	Yes	Yes	Yes

	Part Number	EN4900G	EN4900G	3280
Lead frame	Material	C194	C194	C194
	Treatment	Double Ring	Double Ring	BOT with Bare Cu on Paddle
	Paddle size	138x138 mils	138x138 mils	150x150 mils
	Lead Lock	Yes	Yes	Yes
Molding compound material		G700	G700	G700

**Impacts to Data Sheet:**

None

**Reason for Change:**

To improve productivity and on-time delivery performance by qualify MMT as an additional assembly site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

December 22, 2019 (Date Code: 1952)

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

**Time Table Summary:**

Workweek	January 2019					->	November 2019					December 2019				
	01	02	03	04	05		44	45	46	47	48	49	50	51	52	1
Initial PCN Issue Date	X															
Qualification Report Availability											X					
Final PCN Issue Date											X					
Estimated Implementation Date																X

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

Traceability code

**Qualification Report:**

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

**Revision History:**

**January 03, 2019:** Issued initial notification.

**November 22, 2019:** Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date to be on December 22, 2019.



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-27EGDU414\\_Qual Report.pdf](#)

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

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