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## Product Change Notification - RMES-02QYDW424 (Printer Friendly)

**Date:**

18 Apr 2017

**Product Category:**

Power Management - System Supervisors/Voltage Detectors; Linear Regulators

**Notification subject:**

CCB 2885 Initial Notice: Qualification of JCET as an additional assembly site for selected products of the 120K wafer technology available in 3L SOT-23 package using (CuPdAu) bond wire.

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

Initial 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 JCET as an additional assembly site for selected products of the 120K wafer technology available in 3L SOT-23 package using palladium coated copper with gold flash (CuPdAu) bond wire.

**Pre Change:**

Assembled at MTAI, ATES or NSEB using gold (Au) bond wire and G600 molding compound material.

**Post Change:**

Assembled at MTAI, ATES and NSEB using gold (Au) bond wire and G600 molding compound material or assembled at JCET using palladium coated copper with gold flash (CuPdAu) bond wire and ELER-8-100HFE molding compound material.

**Pre and Post Change Summary:**

	Pre Change			Post Change			
<b>Assembly Site</b>	MTAI	ATES	NSEB	MTAI	ATES	NSEB	JCET
<b>Lead frame material</b>	CDA194	CDA194	CDA194	CDA194	CDA194	CDA194	CDA194
<b>Wire material</b>	Au	Au	Au	Au	Au	Au	CuPdAu
<b>Die attach material</b>	84-3J/ 8006NS	2025DSI	8006NS	84-3J/ 8006NS	2025DSI	8006NS	8006NS
<b>Mold compound material</b>	G600	G600	G600	G600	G600	G600	ELER-8- 100HFE

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying JCET as an additional assembly site.

**Change Implementation Status:**

In Progress

**Estimated Qualification Completion Date:**

June 2017

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	April 2017				->	June 2017			
	14	15	16	17		23	24	25	26
Initial PCN Issue Date			X						
Qual Report Availability									X
Final PCN Issue Date									X

**Method to Identify Change:**

Traceability code

**Qualification Plan:**

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

**Revision History:**

April 18, 2017: 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-02QYDW424\\_Qual\\_Plan.pdf](#)
- [PCN\\_RMES-02QYDW424\\_Affected\\_CPN.pdf](#)
- [PCN\\_RMES-02QYDW424\\_Affected\\_CPN.xlsx](#)

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