

## Product Change Notification - ASER-15HSFK728

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**Date:**

12 Jun 2020

**Product Category:**

Broadband Gateway

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

CCB 3886, 3886.001, and 3886.002 Final Notice: Qualification of MMT as an additional assembly site for selected Microsemi products available in 64L VQFN (9x9x1.0mm), 56L VQFN (8x8x1.0mm), & 40L VQFN (6x6x1.0mm) packages.

**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 Microsemi products available in 64L VQFN (9x9x1.0mm), 56L VQFN (8x8x1.0mm), & 40L VQFN (6x6x1.0mm) packages.

**Pre Change:**

Assembled at ASEM using PdCu bond wire, CRM1076DS die attach, and CEL-9240HF10AK-G1 mold compound material or assembled at UNIC using CuPdAu bond wire, 8290 die attach, and G770HP mold compound material.

**Post Change:**

Assembled at ASEM using PdCu bond wire, CRM1076DS die attach, and CEL-9240HF10AK-G1 mold compound material, assembled at UNIC using CuPdAu bond wire, 8290 die attach, and G770HP mold compound material, or assembled at MMT using CuPdAu wire material, 3280 die attach, and G700LTD mold compound material.

**Pre and Post Change Summary:**

	Pre Change		Post Change		
Assembly Site	ASE Group - Malaysia (ASEM)	Unisem Chengdu Co.,Ltd. (UNIC)	ASE Group - Malaysia (ASEM)	Unisem Chengdu Co.,Ltd. (UNIC)	Microchip Technology Thailand (Branch) (MMT)

Wire material	PdCu	CuPdAu	PdCu	CuPdAu	CuPdAu
Die attach material	CRM1076DS	8290	CRM1076DS	8290	3280
Molding compound material	CEL-9240HF10AK-G1	G770HP	CEL-9240HF10AK-G1	G770HP	G700LTD
Lead frame material	C194	C194	C194	C194	C194

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

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

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

June 22, 2020 (date code: 2026)

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

**Time Table Summary:**

Workweek	October 2019					-->	May 2020					June 2020				
	40	41	42	43	44		18	19	20	21	22	23	24	25	26	27
Initial PCN Issue Date				X												
Qual Report Availability										X						
Final PCN Issue Date										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:**

**October 24, 2019:** Issued initial notification.

**November 22, 2019:** Reissued initial notification. Corrected Pre and Post Change Attachment to accurately reflect the comparison between the different assembly sites.

**May 22, 2020:** Issued final notification. Attached the qualification report. Provided estimated first ship



date to be on June 22, 2020.

**June 12, 2020:** Ressued final notification. Removed MSL changes and packaging information to reflect no change in the MSL. Updated the qualification report to reflect MSL information. Removed Pre and Post change summary as there is no change to packaging.

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\\_ASER-15HSFK728\\_Qual Report.pdf](#)

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

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