



## Product Change Notification / ASER-27LSSS520

### Date:

05-Apr-2021

### Product Category:

Access Networks, Broadband Gateway

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4514 Final Notice: Qualification of MTAI as an additional assembly site for selected MSCC products available in 48L VQFN (7x7x1mm) package.

### Affected CPNs:

[ASER-27LSSS520\\_Affected\\_CPN\\_04052021.pdf](#)  
[ASER-27LSSS520\\_Affected\\_CPN\\_04052021.csv](#)

### Notification Text:

**PCN Status:** Final notification.

**PCN Type:** Manufacturing Change

**Microchip Parts Affected:** Please open one of the attachments found in the Affected CPNs section.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .csv).

**Description of Change:** Qualification of MTAI as an additional assembly site for selected MSCC products available in 48L VQFN (7x7x1mm) package.

### Pre and Post Change Summary:

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

		(UNIC)	(MMT)		(UNIC)	(MMT)	(MTAI)
Wire Material	PdCu	CuPdAu	CuPdAu	PdCu	CuPdAu	CuPdAu	CuPdAu
Die Attach Material	CRM1076DS	8290	3280	CRM1076DS	8290	3280	3280
Mold Compound Material	CEL-9240HF10AK-G1	G770HP	G700LTD	CEL-9240HF10AK-G1	G770HP	G700LTD	G700LTD
Lead Frame Material	A194	A194	A194	A194	A194	A194	A194
Lead Frame Lead-lock	No	No	Yes	No	No	Yes	Yes
See Pre and Post Change Summary for comparison.							

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying MTAI as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**

March 30, 2021 (date code: 2114)

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

**Time Table Summary:**

	February 2021				March 2021				April 2021				
	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8
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:**February 12, 2021: Issued initial notification. April 5, 2021: Issued final notification. Attached the Qualification Report. Removed Pre and Post Change fields. Provided estimated first ship date to be on March 30, 2021.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content

of the applicable products.

## **Attachments:**

[PCN\\_ASER-27LSSS520\\_Pre and Post Change Summary.pdf](#)  
[PCN\\_ASER-27LSSS520\\_Qual Report.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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