

Product Change Notification - ASER-23MPQS728

Date:

17 Jun 2020

Product Category:

USB Port Power Controller; Others

Affected CPNs:**Notification subject:**

CCB 3472.001 Final Notice: Qualification of MTAI as a new assembly site for UCS100xxx products available in 20L QFN (4x4x0.9mm) 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 MTAI as a new assembly site for UCS100xxx products available in 20L QFN (4x4x0.9mm) package.

Pre Change:

Assembled at ASE using EN-4900 die attach material, G631H molding compound and at MSL3.

Post Change:

Assembled at MTAI using 8008MD die attach material, G700LTD molding compound and at MSL1.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Advanced Semiconductor Engineering Inc. (ASE)	Microchip Technology Thailand (HQ) (MTAI)
Wire material	CuPdAu	CuPdAu
Die attach material	EN-4900	8008MD
Molding compound material	G631H	G700LTD
Lead frame material	A194	A194
Moisture Sensitivity Level (MSL)	MSL3/260	MSL1/260

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying MTAI as new assembly site.



Change Implementation Status:

In Progress

Estimated First Ship Date:

July 17,2020 (date code: 2029)

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

Time Table Summary:

	March 2020					->	June 2020					July 2020			
Workweek	10	11	12	13	14		23	24	25	26	27	28	29	30	31
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:

March 27, 2020: Issued initial notification.

June 17, 2020: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on July 17, 2020.

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-23MPQS728_Qual_Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

UCS1001-1-BP
UCS1001-2-BP
UCS1001-3-BP
UCS1001-4-BP
UCS1002-1-BP
UCS1002-2-BP
UCS1003-1-BP
UCS1003-2-BP
UCS1003-3-BP
UCS1001-1-BP-TR
UCS1001-2-BP-TR
UCS1001-3-BP-TR
UCS1001-4-BP-TR
UCS1002-1-BP-TR
UCS1002-A-BP-TR
UCS1002-2-BP-TR
UCS1003-1-BP-TR
UCS1003-2-BP-TR
UCS1003-3-BP-TR