



Product Change Notification / ASER-08XQXV053

Date:

20-Aug-2021

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4575 Final Notice: Qualification of MTAI as a new assembly site for selected SY100EP111UTGxxx device family available in 32L TQFP (7x7x1.0mm) package.

Affected CPNs:

[ASER-08XQXV053_Affected_CPN_08202021.pdf](#)

[ASER-08XQXV053_Affected_CPN_08202021.csv](#)

Notification Text:

PCN Status:Final notification.

PCN Type:Manufacturing Change

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

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 selected SY100EP111UTGxxx device family available in 32L TQFP (7x7x1.0mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (HQ) (MTAI)
Moisture Sensitivity Level (MSL)	2	1
Assembly Shipping Media	Bakeable Tray	Non-bakeable Tray
Tray Color	Black	Blue

	See Pre and Post Change Summary for comparison	
Wire material	Au	Au
Die attach material	3230	QMI-519
Molding compound material	G700	G700
DAP Surface prep	NiPdAu	Ag selective
Lead Plating	NiPdAu	Matte tin
Lead Frame Paddle Size	138x138mm	197x197mm
Lead frame material	C194	C7025
	See Pre and Post Change Summary for comparison	

Impacts to Data Sheet: Update lead finish Matte tin for MTAI assembly.

Change Impact: None

Reason for Change: To improve manufacturability by qualifying MTAI as a new assembly site

Change Implementation Status: In Progress

Estimated First Ship Date: September 20, 2021 (date code: 2139)

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

Time Table Summary:

	March 2021					-->	August 2021				September 2021			
	1 0	1 1	1 2	1 3	1 4		3 2	3 3	3 4	3 5	3 6	3 7	3 8	3 9
Initial PCN Issue Date		X												
Qual Report Availability								X						
Final PCN Issue Date								X						
Estimated First Ship 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 12, 2021: Issued initial notification. **August 20, 2021:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on September 20, 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-08XQXV053_Pre and Post Change Summary.pdf](#)

[PCN_ASER-08XQXV053_Qual Report.pdf](#)

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

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