



Product Change Notification / JAON-08IMNP537

Date:

20-Jul-2021

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4404 Final Notice: Qualification of ASSH as a new assembly site for 24LC512, 24AA512 and 24FC512 device families available in 8L TSSOP package.

Affected CPNs:

[JAON-08IMNP537_Affected_CPN_07202021.pdf](#)

[JAON-08IMNP537_Affected_CPN_07202021.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 ASSH as a new assembly site for 24LC512, 24AA512 and 24FC512 device families available in 8L TSSOP package.

Pre and Post Change Summary:

	Pre Change			Post Change
Assembly Site	Amkor Technology Philippine (P1/P2), INC.(ANAP)	Microchip Technology Thailand (Branch) (MMT)	UTAC Thai Limited (UTL-1) LTD. (NSEB)	ASE Advanced Semiconductor (Shanghai) Co., Ltd. (ASSH)
Wire material	Au	Au	Au	PdCu
Die attach material	8290	2200D	2200D	EN-4900G
Molding compound material	G700A	G600V	G600	G700LY
Lead frame material	C7025	C7025	C7025	C7025
Lead Plating Finish	Matte Tin	Matte Sn	Matte Sn	Ru-PPF
Lead Frame Lead Lock	No	No	No	Yes
Lead Frame DAP Surface Prep	Ag Spot	Ag Spot	Ag Spot	Ru-PPF
Lead Frame Paddle Size	126 x 87 mils	118 x 87 mils	126 x 87 mils	126 x 87 mils

Impacts to Data Sheet:

None.

Change Impact:

None.

Reason for Change:

To improve productivity by qualifying ASSH as a new assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date: August 15, 2021 (date code: 2134)

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

Time Table Summary:

	December 2020					→	July 2021				August 2021				
	49	50	51	52	53		27	28	29	30	31	32	33	34	35
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:

December 10, 2020: Issued initial notification.

July 20, 2021: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on August 15, 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_JAON-08IMNP537_Qual_Report.pdf](#)

[PCN_JAON-08IMNP537_Pre and Post Change_Summary.pdf](#)

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

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