



Product Change Notification / BLAS-18YLUC092

Date:

19-Apr-2023

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6206 and 2743.002 Final Notice: Qualification of MTAI as an additional assembly site and test location for selected AT25256Bxx, AT24C512xx, AT24CM01xx, and AT25M01xx device families available in 8L SOIJ (.208in) package.

Affected CPNs:

[BLAS-18YLUC092_Affected_CPN_04192023.pdf](#)

[BLAS-18YLUC092_Affected_CPN_04192023.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 an additional assembly site and test location for selected AT25256Bxx, AT24C512xx, AT24CM01xx, and AT25M01xx device families available in 8L SOIJ (.208in) package.

Pre and Post Change Summary:

Note: Separate PCN was issued to qualify MTAI for CPNs AT24C512C-SHD-B,

AT24C512C-SHD-T, AT24C512C-SHM-B, AT24C512C-SHM-T. Refer to PCN #

LIAL-27KKIA306

	Pre Change		Post Change		
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)		Amkor Technology Philippine (P1/P2), INC. (ANAP)		Microchip Technology Thailand (HQ) (MTAI)
Wire material	Cu	PdCu	Cu	PdCu	Au
Die attach material	8290		8290		8390A
Molding compound material	G700A		G700A		G600V
Lead frame material	CDA194		CDA194		CDA194
DAP surface plating	PPF		PPF		Bare Cu
Lead frame plating	NiPdAu		NiPdAu		Matte tin
Lead frame paddle size	128 x 164 mils		128 x 164 mils		140 x 160 mils
	See attached pre and post change comparison				

Note: This applies to all CPNs listed in the Affected CPN list.

		Pre Change	Post Change	
Final Test Site		Amkor Technology Philippine (P1/P2), INC. (ANAP)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (HQ) (MTAI)
Tape and Reel	BQM	2000	2000	2000
	Pin 1 Orientation	Quadrant 1	Quadrant 1	Quadrant 1
	Carrier Tape	Minor dimension change. See pre and post change for comparison.		
	Cover Tape	Minor dimension change. See pre and post change for comparison.		
	Plastic Reel	White	White	Dark Blue
		Minor dimension change. See pre and post change for comparison.		
	Packing Static Sensitive Bag	Gray	Gray	Transparent
		With dimension change. See pre and post change for comparison.		
Packing Method	See pre and post change for comparison.			
Tube	Pin 1 Orientation	See pre and post change for comparison.		

BQM	95	95	95
Color	Green	Green	White
Tube	Minor dimension change. See pre and post change for comparison.		
Packing Method	See pre and post change for comparison.		

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying MTAI as an additional assembly site and additional test location.

Change Implementation Status:In Progress

Estimated First Ship Date:June 1, 2023 (date code: 2322)

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

Time Table Summary:

	April 2023					>	June 2023				
Workweek	1 3	1 4	1 5	1 6	1 7		2 2	2 3	2 4	2 5	2 6
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:April 19, 2023: Issued final notification.

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

Attachments:

[PCN_BLAS-18YLUC092_Pre and Post Change_Summary.pdf](#)

[PCN_BLAS-18YLUC092_Test_Qual_Report_Summary.pdf](#)

[PCN_BLAS-18YLUC092_Assembly_Qual_Report.pdf](#)

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

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