



Product Change Notification - JAON-06LEME647

Date:

14 Feb 2019

Product Category:

32-bit Microcontrollers

Affected CPNs:



Notification subject:

CCB 3497 Final Notice: Qualification of MMT as an additional assembly site for selected Atmel products of 58.85K wafer technology available in 100L TQFP (14x14x1.0mm) 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 MMT as an additional assembly site for selected Atmel products of 58.85K wafer technology available in 100L TQFP (14x14x1.0mm) package.

Pre Change:

Assembled at ANAP using AuPd or PdCu wire, 3230 die attach, G700 mold compound and C194 leadframe material or assembled at ASE using PdCu or CuPdAu wire, CRM-1076WA die attach, EME-G631H mold compound and C7025 leadframe material.

Post Change:

Assembled at ANAP using AuPd or PdCu wire, 3230 die attach, G700 mold compound and C194 leadframe material or assembled at ASE using PdCu or CuPdAu wire, CRM-1076WA die attach, EME-G631H mold compound and C7025 leadframe material or assembled at MMT using Au wire, 3280 die attach, G700 mold compound and C7025 leadframe material.

Pre and Post Change Summary:

	Pre Change				Post Change				
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)		ASE Inc. Taiwan (ASE)		Amkor Technology Philippine (P1/P2), INC. (ANAP)		ASE Inc. Taiwan (ASE)		Microchip Technology Thailand Branch (MMT)
Wire material	AuPd	PdCu	PdCu	CuPdAu	AuPd	PdCu	PdCu	CuPdAu	Au
Die attach material	3230		CRM-1076WA		3230		CRM-1076WA		3280
Molding compound material	G700		EME-G631H		G700		EME-G631H		G700
Lead frame	C194		C7025		C194		C7025		C7025



material					
MSL	MSL 3				
Classification					

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying MMT as an additional new assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

March 8, 2019 (date code: 1910)

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

Time Table Summary:

	August 2018					-->	February 2019				March 2019			
Workweek	31	32	33	34	35		06	07	08	09	10	11	12	13
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:

August 8, 2018: Issued initial notification.

February 14, 2019: Issued final notification. Attached the qualification report. Provided estimated first ship date on March 8, 2019. Updated the pre and post change summary table MSL classification for MMT site from MSL 1 and 2 to MSL 3.

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_JAON-06LEME647_ Qual Report.pdf](#)

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

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

AT32UC3A1128-AUR
AT32UC3A1128-AUT
AT32UC3A1256-AUR
AT32UC3A1256-AUT
AT32UC3A1512-AUR
AT32UC3A1512-AUT
AT32UC3C1128C-AUR
AT32UC3C1128C-AUT
AT32UC3C1256C-AUR
AT32UC3C1256C-AURA0
AT32UC3C1256C-AUT
AT32UC3C1512C-AUR
AT32UC3C1512C-AUT
AT32UC3C164C-AUR
AT32UC3C164C-AUT
ATSAM4LC2CA-AU
ATSAM4LC2CA-AUR
ATSAM4LC4CA-AU
ATSAM4LC4CA-AUR
ATSAM4LC8CA-AU
ATSAM4LC8CA-AUR
ATSAM4LS2CA-AU
ATSAM4LS2CA-AUR
ATSAM4LS4CA-AU
ATSAM4LS4CA-AUR
ATSAM4LS8CA-AU
ATSAM4LS8CA-AUR