

**Product Change Notification - LIAL-05JMQQ084**


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**Date:**

25 Jul 2018

**Product Category:**

32-bit Microcontrollers

**Affected CPNs:**

**Notification subject:**

CCB 3085.002 Final Notice: Qualification of MTAI as an additional assembly site for selected Atmel products available in 32L VQFN (5x5x1mm) 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 an additional assembly site for selected Atmel products available in 32L VQFN (5x5x1mm) package.

**Pre Change:**

Assembled at ASCL using CuPdAu bond wire and ATB-125 die attach material or assembled at ATP7 using PdCu bond wire and AMK-06 die attach material.

**Post Change:**

Assembled at ASCL using CuPdAu bond wire and ATB-125 die attach material or assembled at ATP7 using PdCu bond wire and AMK-06 die attach material or assembled at MTAI using (Au)gold wire and 3280 die attach material.

**Pre and Post Change Summary:**

Assembly Site	Pre Change		Post Change		
	ASE Group Chung-Li (ASCL)	Amkor Technology Philippines (P3/P4), INC. (ATP7)	ASE Group Chung-Li (ASCL)	Amkor Technology Philippines (P3/P4), INC. (ATP7)	Microchip Technology Thailand  (HQ) (MTAI)
Wire material	CuPdAu	PdCu	CuPdAu	PdCu	Au
Die attach material	ATB-125	AMK-06	ATB-125	AMK-06	3280
Molding compound material	G700	G700	G700	G700	G700
Lead frame material	C194	C194	C194	C194	C194

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying MTAI as an additional assembly site.



**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

August 15, 2018 (date code: 1833)

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

**Time Table Summary:**

	July 2018				August 2018				
Workweek	27	28	29	30	31	32	33	34	35
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:**

**July 25, 2018: Issued final notification to qualify by similarity (QBS) additional products available in 32L VQFN (5x5x1mm) package. Reference Final PCN was issued under PCN # [KSRA-22IJAZ772](#).** Provided estimated first ship date to be on August 15, 2018

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\\_LIAL-05JMQQ084\\_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)

ATSAMD20E14B-MN  
ATSAMD20E14B-MNT  
ATSAMD20E14B-MU  
ATSAMD20E14B-MUT  
ATSAMD20E15B-MN  
ATSAMD20E15B-MNT  
ATSAMD20E15B-MU  
ATSAMD20E15B-MUT  
ATSAMD20E16B-MN  
ATSAMD20E16B-MNT  
ATSAMD20E16B-MU  
ATSAMD20E16B-MUT  
ATSAML10E14A-MU  
ATSAML10E14A-MUT  
ATSAML10E15A-MU  
ATSAML10E15A-MUT  
ATSAML10E16A-MU  
ATSAML10E16A-MUT  
ATSAML11E14A-MU  
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ATSAML11E15A-MUT  
ATSAML11E16A-MU  
ATSAML11E16A-MUT