



Product Change Notification - KSRA-09FBAZ324

Date:

07 Jun 2019

Product Category:

32-bit Microcontrollers

Affected CPNs:



Notification subject:

CCB 3367 Final Notice: Qualification of MMT as an additional assembly site for selected Atmel products available in 32L VQFN (5x5x1.0) package using gold (Au) bond wire

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 available in 32L VQFN (5x5x1.0) package using gold (Au) bond wire

Pre Change:

Assembled at ASCL using palladium coated copper with gold flash (CuPdAu) bond wire

Assembled at ATP7 using copper palladium (CuPd) bond wire

Assembled at MTAI using gold (Au) bond wire

Post Change:

Assembled at ASCL using palladium coated copper with gold flash (CuPdAu) bond wire

Assembled at ATP7 using copper palladium (CuPd) bond wire

Assembled at MTAI using gold (Au) bond wire

Assembled at MMT using gold (Au) bond wire

Pre and Post Change Summary:

	Pre Change			Post Change			
Assembly Site	ASE Group Chung-Li (ASCL)	Amkor Technology Philippines (P3/P4), INC. (ATP 7)	Microchip Technology Thailand (HQ) (MTAI)	ASE Group Chung-Li (ASCL)	Amkor Technology Philippines (P3/P4), INC. (ATP 7)	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (Branch) (MMT)
Wire material	CuPdAu	CuPd	Au	CuPdAu	CuPd	Au	Au
Die attach material	ATB-125	AMK-06	3280	ATB-125	AMK-06	3280	3280
Molding compound material	G700	G700	G700	G700	G700	G700	G700
Lead frame material	C194	C194	C194	C194	C194	C194	C194

Impacts to Data Sheet:

None



Change Impact:

None

Reason for Change:

To improve productivity by qualifying MMT as an additional assembly site using gold (Au) bond wire.

Change Implementation Status:

In Progress

Estimated First Ship Date:

July 8, 2019 (date code: 1928)

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

Time Table Summary:

	May 2018					June 2019					July 2019				
Workweek	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
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:

May 15, 2018: Issued initial notification.

June 7, 2019: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on July 8, 2019. Updated affected CPN list as part of the update on the scope.

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_KSRA-09FBAZ324_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)

ATSAMC20E15A-MNT
ATSAMC20E15A-MUT
ATSAMC20E16A-MNT
ATSAMC20E16A-MUT
ATSAMC20E17A-MNT
ATSAMC20E17A-MUT
ATSAMC20E18A-MNT
ATSAMC20E18A-MUT
ATSAMC21E15A-MNT
ATSAMC21E15A-MUT
ATSAMC21E15A-MUTDY
ATSAMC21E16A-MNT
ATSAMC21E16A-MUT
ATSAMC21E16A-MUTDY
ATSAMC21E17A-MNT
ATSAMC21E17A-MUT
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ATSAMD21E15B-MUT
ATSAMD21E15L-MF
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ATSAMD21E18A-MUTA1