



Product Change Notification - KSRA-09FBAZ324

Date:

11 Jun 2018

Product Category:

32-bit PIC Microcontrollers; Others

Affected CPNs:**Notification subject:**

CCB 3367 Initial 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:**

Initial 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 assembly site using gold (Au) bond wire.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

June 2018

Time Table Summary:

	May 2018					June 2018			
Workweek	18	19	20	21	22	23	24	25	26
Initial PCN Issue Date				X					
Qual Report Availability							X		
Final PCN Issue Date							X		

Method to Identify Change:

Traceability code

Qualification Plan:

Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:

May 15, 2018: Issued initial notification.

June 11, 2018: Re-issued initial PCN to send to all affected customers.

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_Plan.pdf](#)

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

Terms and Conditions:

If you wish to change your product/process change notification (PCN) profile please log on to our website at <http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP



home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

Affected Catalog Part Numbers (CPN)

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
ATSAMC21E18A-MNT
ATSAMC21E18A-MUT
ATSAMC21E18A-MUTDY
ATSAMD20E14A-MN
ATSAMD20E14A-MNT
ATSAMD20E14A-MU
ATSAMD20E14A-MUA2
ATSAMD20E14A-MUT
ATSAMD20E14A-MUTA2
ATSAMD20E15A-MN
ATSAMD20E15A-MNT
ATSAMD20E15A-MU
ATSAMD20E15A-MUA2
ATSAMD20E15A-MUT
ATSAMD20E15A-MUTA2
ATSAMD20E15A-MUTA4
ATSAMD20E16A-MN
ATSAMD20E16A-MNA2
ATSAMD20E16A-MNT
ATSAMD20E16A-MU
ATSAMD20E16A-MUA2
ATSAMD20E16A-MUT
ATSAMD20E16A-MUTA2
ATSAMD20E17A-MN
ATSAMD20E17A-MNT
ATSAMD20E17A-MU
ATSAMD20E17A-MUA2
ATSAMD20E17A-MUT
ATSAMD20E17A-MUTA2
ATSAMD20E17A-MUTA3
ATSAMD20E18A-MN
ATSAMD20E18A-MNT

ATSAMD20E18A-MU
ATSAMD20E18A-MUA2
ATSAMD20E18A-MUA4
ATSAMD20E18A-MUT
ATSAMD20E18A-MUTA2
ATSAMD20E18A-MUTA3
ATSAMD20E18A-MUTA8
ATSAMD20E18A-MUTA9
ATSAMD20E18A-MUTB0
ATSAMD20E18A-MUTB1
ATSAMD20E18A-MUTB2
ATSAMD20E18A-MUTB3
ATSAMD21E15A-MFT
ATSAMD21E15B-MF
ATSAMD21E15B-MFT
ATSAMD21E15B-MFTA7
ATSAMD21E15B-MU
ATSAMD21E15B-MUT
ATSAMD21E15L-MF
ATSAMD21E15L-MFT
ATSAMD21E15L-MNT
ATSAMD21E16B-MF
ATSAMD21E16B-MFT
ATSAMD21E16B-MU
ATSAMD21E16B-MUT
ATSAMD21E16L-MF
ATSAMD21E16L-MFT
ATSAMD21E16L-MNT
ATSAMD21E16L-MNTA4
ATSAMD21E16L-MNTA7
ATSAMD21E16L-MNTB7
ATSAMD21E16L-MNTP01
ATSAMD21E17A-MF
ATSAMD21E17A-MFT
ATSAMD21E17A-MU
ATSAMD21E17A-MUA1
ATSAMD21E17A-MUT
ATSAMD21E17A-MUTA1
ATSAMD21E18A-MF
ATSAMD21E18A-MFT
ATSAMD21E18A-MU
ATSAMD21E18A-MUA1
ATSAMD21E18A-MUT
ATSAMD21E18A-MUTA1
ATSAMC20E15A-MNT
ATSAMC20E15A-MUT