



Product Change Notification - KSRA-22IJAZ772

Date:

29 May 2018

Product Category:

32-bit PIC Microcontrollers; Others; 8-bit PIC Microcontrollers

Affected CPNs:



Notification subject:

CCB 3085 and CCB 3085.001 Final Notice: Qualification of MTAI as an additional assembly site for selected Atmel products available in 32L VQFN package.

Notification text:

PCN Status:

Final notification.

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

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 package.

Pre Change:

Assembled at ASCL, ANAP, ATP7, and NSEB Assembly site

Post Change:

Assembled at ASCL, ANAP, ATP7, NSEB and MTAI Assembly site

Pre and Post Change Summary:

	Pre Change				Post Change				
Assembly Site	ASE Group Chung-Li / ASCL	Amkor Technology Philippines (P1/P2), INC. / ANAP	Amkor Technology Philippines (P3/P4), INC. / ATP 7	UTAC Thai Limited (UTL-1) LTD. / NSEB	ASE Group Chung-Li / ASCL	Amkor Technology Philippines (P1/P2), INC. / ANAP	Amkor Technology Philippines (P3/P4), INC. / ATP 7	UTAC Thai Limited (UTL-1) LTD. / NSEB	Microchip Technology Thailand (HQ) / MTAI
Wire material	CuPdAu	CuPd	PdCu	AuPd	CuPdAu	CuPd	PdCu	AuPd	Au
Die attach material	ATB-125	AMK-06	AMK-06	8600	ATB-125	AMK-06	AMK-06	8600	3280
Molding compound material	G700	G700	G700	G700	G700	G700	G700	G700	G700
Lead frame material	C194	C194	C194	C194	C194	C194	C194	C194	C194

Impacts to Data Sheet:



None

Change Impact:

None

Reason for Change:

To improve productivity by qualifying MTAI assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

December 15, 2017

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

Time Table Summary:

Workweek	June 2017					-->	December 2017				
	22	23	24	25	26		48	49	50	51	52
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:

June 29, 2017: Issued initial notification.

September 13, 2017: Re-issued initial notification to include CCB 3085.

December 05, 2017: Issued final notification. Attached the Qualification Report. Revised the affected parts list. Include CCB 3085.001. Provided estimated first ship date on December 15, 2017

May 29, 2018: Re-issued final notification to remove CCB 3009 as this was cancelled.

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-22IJAZ772_Qual Report.pdf](#)

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Affected Catalog Part Numbers (CPN)

ATSAMD20E14A-MUA1
ATSAMD20E14A-MUA2
ATSAMD20E14A-MUT
ATSAMD20E14A-MUTA1
ATSAMD20E14A-MUTA2
ATSAMD20E14B-MN
ATSAMD20E14B-MNT
ATSAMD20E14B-MU
ATSAMD20E14B-MUT
ATSAMD20E15A-MN
ATSAMD20E15A-MNT
ATSAMD20E15A-MU
ATSAMD20E15A-MUA1
ATSAMD20E15A-MUA2
ATSAMD20E15A-MUT
ATSAMD20E15A-MUTA1
ATSAMD20E15A-MUTA2
ATSAMD20E15A-MUTA4
ATSAMD20E15B-MN
ATSAMD20E15B-MNT
ATSAMD20E15B-MU
ATSAMD20E15B-MUT
ATSAMD20E16A-MN
ATSAMD20E16A-MNA2
ATSAMD20E16A-MNT
ATSAMD20E16A-MU
ATSAMD20E16A-MUA1
ATSAMD20E16A-MUA2
ATSAMD20E16A-MUT
ATSAMD20E16A-MUTA1
ATSAMD20E16A-MUTA2
ATSAMD20E16B-MN
ATSAMD20E16B-MNT
ATSAMD20E16B-MU
ATSAMD20E16B-MUT
ATSAMD20E17A-MN
ATSAMD20E17A-MNT
ATSAMD20E17A-MU
ATSAMD20E17A-MUA1
ATSAMD20E17A-MUA2
ATSAMD20E17A-MUT
ATSAMD20E17A-MUTA1
ATSAMD20E17A-MUTA2
ATSAMD20E17A-MUTA3
ATSAMD20E18A-MN
ATSAMD20E18A-MNT
ATSAMD20E18A-MU

ATSAMD20E18A-MUA2
ATSAMD20E18A-MUA4
ATSAMD20E18A-MUT
ATSAMD20E18A-MUTA1
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
ATSAML21E15B-MNT
ATSAML21E15B-MUT
ATSAML21E16B-MNT
ATSAML21E16B-MUT
ATSAML21E17B-MNT

ATSAML21E18B-MNT
ATSAML21E18B-MUT
AT90USB162-16MU
AT90USB162-16MUR
AT90USB82-16MU
AT90USB82-16MUR
ATMEGA16U2-MU
ATMEGA16U2-MUR
ATMEGA32U2-MU
ATMEGA32U2-MUR
ATMEGA8U2-MU
ATMEGA8U2-MUR
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
ATSAMC21E18A-MNT
ATSAMC21E18A-MUT
ATSAMC21E18A-MUTDY
ATSAMD20E14A-MN
ATSAMD20E14A-MNT
ATSAMD20E14A-MU