



Product Change Notification - KSRA-03AYHE005

Date:

07 Aug 2018

Product Category:

Capacitive Touch Sensors; 8-bit Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3296 Final PCN: Qualification of gold (Au) bond wire as secondary wire material for selected Atmel products available in 44L TQFP (10x10x1.0mm) package at MTAI Assembly site

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 gold (Au) bond wire as secondary wire material for selected Atmel products available in 44L TQFP (10x10x1.0mm) package at MTAI Assembly site

Pre Change:

Using palladium coated copper wire with gold flash (CuPdAu) bond wire

Post Change:

Using palladium coated copper wire with gold flash (CuPdAu) or gold (Au) bond wire

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Microchip Technology Thailand (HQ) / MTAI	Microchip Technology Thailand (HQ) / MTAI	Microchip Technology Thailand (HQ) / MTAI
Wire material	CuPdAu	CuPdAu	Au
Die attach material	3280	3280	3280
Molding compound material	G700HA	G700HA	G700HA
Lead frame material	C7025	C7025	C7025

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying gold (Au) bond wire for selected Atmel devices at MTAI assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

September 07, 2018 (date code: 1836)



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

Time Table Summary:

Workweek	May2018					->	August 2018					September 2018				
	18	19	20	21	22		31	32	33	34	35	36	37	38	39	40
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 07, 2018: Issued initial notification.

August 07, 2018: Issued final notification. Attached the qualification report and added estimated first date by September 07, 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_KSRA-03AYHE005_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)

AT42QT1481-AU
AT42QT1481-AUR
AT42QT2640-AU
AT42QT2640-AUR
ATMEGA1284-AU
ATMEGA1284-AUR
ATMEGA1284P-AU
ATMEGA1284P-AUR
ATMEGA16-16AU
ATMEGA16-16AUA2
ATMEGA16-16AUR
ATMEGA164A-AU
ATMEGA164A-AUA2
ATMEGA164A-AUR
ATMEGA164A-AURA2
ATMEGA164PA-AN
ATMEGA164PA-ANR
ATMEGA164PA-AU
ATMEGA164PA-AUR
ATMEGA16A-AU
ATMEGA16A-AUA9
ATMEGA16A-AUR
ATMEGA16A-AURA3
ATMEGA16A-AURA4
ATMEGA16A-AURA8
ATMEGA16L-8AU
ATMEGA16L-8AUA7
ATMEGA16L-8AUR
ATMEGA16L-8AURA1
ATMEGA16U4-AU
ATMEGA16U4-AUR
ATMEGA16U4RC-AU
ATMEGA32-16AU
ATMEGA32-16AUR
ATMEGA324A-AU
ATMEGA324A-AUR
ATMEGA324A-AURA3
ATMEGA324PA-AN
ATMEGA324PA-ANR
ATMEGA324PA-AU
ATMEGA324PA-AUA1
ATMEGA324PA-AUR
ATMEGA32A-AN
ATMEGA32A-ANR
ATMEGA32A-AU
ATMEGA32A-AUR

ATMEGA32A-AUR626
ATMEGA32A-AURA5
ATMEGA32A-AURA6
ATMEGA32A-AURA7
ATMEGA32L-8AU
ATMEGA32L-8AUR
ATMEGA32U4-AU
ATMEGA32U4-AUR
ATMEGA32U4RC-AU
ATMEGA32U4RC-AUR
ATMEGA644A-AU
ATMEGA644A-AUR
ATMEGA644PA-AN
ATMEGA644PA-ANR
ATMEGA644PA-AU
ATMEGA644PA-AUR