



## Product Change Notification - KSRA-20BGKY389

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**Date:**

14 Feb 2020

**Product Category:**

8-bit Microcontrollers

**Affected CPNs:****Notification subject:**

CCB 4023.001 and 4023.002 Final Notice: Qualification of MTAI as a new assembly site for selected Atmel products available in 32L (7x7x1.0mm) and 48L TQFP (7x7x1.0mm) package using gold (Au) 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 MTAI as a new assembly site for selected Atmel products available in 32L (7x7x1.0mm) and 48L TQFP (7x7x1.0mm) package using gold (Au) wire.

**Pre Change:**

Assembled at ASCL assembly site using palladium coated copper with gold flash (CuPdAu) bond wire, G700 and CEL-9240 molding compound, EN4900G die attach, and C194-ESH lead frame material with MSL Level 3 classification

**Post Change:**

Assembled at MTAI assembly site using gold (Au) bond wire, G700 molding compound, 3280 die attach, and C7025 lead frame material with MSL Level 1 classification

**Pre and Post Change Summary:**

	Pre Change	Post Change
Assembly Site	ASE Group Chung-Li / ASCL	Microchip Technology Thailand (HQ) / MTAI
Wire material	CuPdAu	Au
Die attach material	EN4900G	3280
Molding compound material	G700   CEL-9240	G700
Lead frame material	C194-ESH	C7025
MSL	MSL 3	MSL 1

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying MTAI as a new assembly site

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

March 14, 2020(date code: 2011)



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

**Time Table Summary:**

	December 2019				📅 🗓️ 📆	February 2020					March 2020				
	49	50	51	52		05	06	07	08	09	10	11	12	13	14
Workweek															
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:**

**December 23, 2019:** Issued initial notification.

**February 14, 2020:** Issued final notification. Attached the Qualification Report. Updated the pre and post change to add CEL-9240 molding compound material. Provided estimated first ship date to be on March 14, 2020.

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-20BGKY389\\_Qual\\_Report.pdf](#)

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

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If you wish to [change your PCN profile, including opt out](#), please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected parts

ATMEGA168PB-AU  
ATMEGA168PB-AN  
ATMEGA168PB-ANR  
ATMEGA168PB-AUR  
ATMEGA88PB-AU  
ATMEGA48PB-AU  
ATMEGA88PB-AN  
ATMEGA48PB-AN  
ATMEGA88PB-ANR  
ATMEGA48PB-ANR  
ATMEGA88PB-AUR  
ATMEGA48PB-AUR  
ATMEGA808-AF  
ATMEGA1608-AF  
ATMEGA1608-AU  
ATMEGA808-AU  
ATMEGA1608-AUR  
ATMEGA808-AUR  
ATMEGA1608-AFR  
ATMEGA808-AFR  
ATMEGA328PB-AU  
ATMEGA328PB-AN  
ATMEGA328PB-ANR  
ATMEGA328PB-AUR  
ATMEGA4808-AF  
ATMEGA3208-AF  
ATMEGA4808-AU  
ATMEGA3208-AU  
ATMEGA4808-AUR  
ATMEGA3208-AUR  
ATMEGA4808-AFR  
ATMEGA3208-AFR  
ATMEGA809-AF  
ATMEGA1609-AF  
ATMEGA1609-AU  
ATMEGA809-AU  
ATMEGA1609-AUR  
ATMEGA809-AUR  
ATMEGA1609-AFR  
ATMEGA809-AFR  
ATMEGA4809-AF  
ATMEGA3209-AF  
ATMEGA4809-AU  
ATMEGA3209-AU  
ATMEGA4809-AUR  
ATMEGA3209-AUR

KSRA-20BGKY389  
ATMEGA4809-AFR  
ATMEGA3209-AFR