



## Product Change Notification - KSRA-30CVPA719

**Date:**

11 Apr 2018

**Product Category:**

Capacitive Touch Sensors; 8-bit PIC Microcontrollers

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

CCB 3210 Initial Notice: Qualification of MTAI as a new assembly site for selected Atmel Products available in 32L VQFN 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:**

CCB 3210 Initial Notice: Qualification of MTAI as a new assembly site for selected Atmel Products available in 32L VQFN package using gold (Au) bond wire

**Pre Change:**

Assembled at ANAC Assembly site with punched singulation method using 8290 die attach and 146x146 mils lead frame paddle size

**Post Change:**

Assembled at MTAI Assembly site with sawn singulation method using 3280 die attach and 150x150 mils paddle size.

**Pre and Post Change Summary:**

	Pre Change	Post Change
Assembly Site	Amkor Assembly & Test (Shanghai) Co., LTD / ANAC	Microchip Technology Thailand (HQ) / MTAI
Wire material	Au	Au
Die attach material	8290	3280
Molding compound material	G700	G700
Lead frame material	C194	C194
Paddle Size	146x146 mils	150x150 mils
Singulation Method	Punched	Sawn

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**



To improve manufacturability by qualifying MTAI as a new assembly site

**Change Implementation Status:**

In Progress

**Estimated Qualification Completion Date:**

May 2018

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Time Table Summary:**

Workweek	March 2018					à	May 2018				
	09	10	11	12	13		18	19	20	21	22
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:**

**March 05, 2018:** Issued initial notification.

**April 11, 2018:** Re-issued initial notification to include singulation method and revise post change data.

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-30CVPA719\\_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 [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 [microchip DIRECT](#) 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)

AT42QT4160-MUR  
ATMEGA168-20MQ  
ATMEGA168-20MQR  
ATMEGA168-20MU  
ATMEGA168-20MUR  
ATMEGA168P-20MQ  
ATMEGA168P-20MQR  
ATMEGA168P-20MU  
ATMEGA168P-20MUR  
ATMEGA168PV-10MU  
ATMEGA168PV-10MUR  
ATMEGA168PV-10MUR455  
ATMEGA168V-10MQ  
ATMEGA168V-10MQR  
ATMEGA168V-10MQR610  
ATMEGA168V-10MU  
ATMEGA168V-10MUR  
ATMEGA168V-10MUR598  
ATMEGA328-MU  
ATMEGA328-MUR  
ATMEGA328P-MN  
ATMEGA328P-MNR  
ATMEGA328P-MU  
ATMEGA328P-MUR