

## Product Change Notification - WE164801

**Date:** 23 May 2017  
**Product Category:** Capacitive Touch Sensors; 8-bit PIC Microcontrollers  
**Notification subject:** CCB 2949 Final Notice: Qualification of MTAI as an Assembly and Final test site for selected Atmel AVR and Touch Solutions products available in 6L SOT-23 package.  
**Notification text:** **PCN Status:**  
 Final notification

**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 Assembly and Final test site for selected Atmel AVR and Touch Solutions products available in 6L SOT-23 package. This notification was originally issued to announce the End of life (EOL) of selected AVR and Touch Solutions Products assembled at UTAC in 6L SOT23 package. Microchip has decided not to proceed with the EOL of these products. Instead, these products will now be qualified at MTAI as its assembly and final test site.

**Pre Change:**

NSEB assembly and final test site using NiPdAu lead finish

**Post Change:**

MTAI assembly and final test site using Matte Sn lead finish

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly and Final Test Site</b>	NSEB	MTAI
<b>Wire Material</b>	Au	Au
<b>Die Attach Material</b>	8006NS	8006NS
<b>Molding Compound Material</b>	G600	G600
<b>Lead frame Material</b>	C194	C194
<b>Lead finish</b>	NiPdAu	Matte Sn

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve manufacturability and on-time delivery performance by qualifying MTAI as an Assembly and Final test site which will remove anticipated capacity constraints of this product.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date for Assembly Site:**

June 22, 2017

**Estimated Qualification Completion Date for Final Test:**  
June 2017\*

\*Final PCN will be revised to include the Final Test site qualification data once available.

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:**

	December 2016					->	May 2017					June 2017			
Workweek	48	49	50	51	52		18	19	20	21	22	23	24	25	26
Original PCN Issue Date		X													
Final PCN Issue Date										X					
Qualification Report Availability for Final Test													X		
Estimated First Ship date for Assembly Site														X	

**Method to Identify Change:**  
Traceability code

**Qualification Report:**  
Please open the attachments included with this PCN labeled as PCN\_#\_Qual Report for Assembly Site.

**Qualification Plan:**  
Please open the attachments included with this PCN labeled as PCN\_#\_Qual Plan for Final Test Site.

**Revision History:**  
**December 05, 2016:** Issued the Original Notification  
**May 23, 2017:** Issued final notification. Removed the replacement parts because the existing CPNs will not be EOL'd. Revised the Pre and Post Change. Attached the assembly site qualification report and provided the estimated First Ship date.

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\\_WE164801\\_Affected CPN.pdf](#)
  - [PCN\\_WE164801\\_Qual\\_Plan.pdf](#)
  - [PCN\\_WE164801\\_Qual\\_Report.pdf](#)
  - [PCN\\_WE164801\\_Affected CPN.xlsx](#)

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

**Terms and Conditions:**

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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."

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Affected Catalog Part Numbers

PCN_WE164801
CATALOG_PART_NBR
AT42QT1010-TSHR
AT42QT1011-TSHR
AT42QT1012-TSHR
ATTINY10-TS8R
ATTINY10-TS8R526
ATTINY10-TS8RB67
ATTINY10-TS8RB68
ATTINY10-TSHR
ATTINY10-TSHR867
ATTINY4-TS8R
ATTINY4-TSHR
ATTINY4-TSHR485
ATTINY4-TSHR627
ATTINY4-TSHR685
ATTINY4-TSHRA92
ATTINY4-TSHRB55
ATTINY4-TSHRB71
ATTINY5-TS8R
ATTINY5-TSHR
ATTINY5-TSHR844
ATTINY5-TSHR844
ATTINY5-TSHR964
ATTINY5-TSHR992
ATTINY9-TS8R
ATTINY9-TSHR