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Product Change Notification - WE164801 (Printer Friendly)

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
Assembly and Final Test Site	NSEB	MTAI
Wire Material	Au	Au
Die Attach Material	8006NS	8006NS
Molding Compound Material	G600	G600
Lead frame Material	C194	C194
Lead finish	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](#)

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