



Product Change Notification - KSRA-07INQY594

Date:

11 May 2020

Product Category:

AC/DC - High Side Current Monitors Products

Affected CPNs:**Notification subject:**

CCB 3653 Initial Notice: Qualification of MTAI assembly site as an additional site for Supertex HV7801K1-G and HV7801K1-G catalog part numbers (CPN) available in 5L SOT-23 package.

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:

Qualification of MTAI assembly site as an additional site for Supertex HV7800K1-G and HV7801K1-G catalog part numbers (CPN) available in 5L SOT-23 package.

Pre Change:

Assembled at CARM assembly site using QMI-519 die attach and CEL8240HF10LXC molding compound materials with 63x49 mils lead frame paddle size.

Post Change:

Assembled at CARM assembly site using QMI-519 die attach and CEL8240HF10LXC molding compound materials with 63x49 mils lead frame paddle size. or MTAI assembly site using 8390A die attach and G600V molding compound materials with 66x48 mils lead frame paddle size.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Carsem (M) SDN BHD / CARM	Carsem (M) SDN BHD / CARM	Microchip Technology Thailand (HQ) / MTAI
Wire material	Au	Au	Au
Die attach material	QMI-519	QMI-519	8390A
Molding compound material	CEL8240HF10LXC	CEL8240HF10LXC	G600V
Lead frame material	CDA194	CDA194	CDA194
Lead frame Paddle size	63x49 mils	63x49 mils	66x48 mils

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying MTAI as an additional assembly site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

June 2020



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:

	May 2020					June 2020				
Workweek	18	19	20	21	22	23	24	25	26	27
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. If not include we can write not include or not applicable.

Revision History:

May 11, 2020: Issued initial notification.

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-07INQY594_Qual_Plan.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

HV7800K1-G

HV7801K1-G