



## Product Change Notification - KSRA-07INQY594

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**Date:**

17 Jun 2020

**Product Category:**

AC/DC - High Side Current Monitors Products

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

CCB 3653 Final Notice: 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.

**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 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

Assembled at 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 which will remove anticipated capacity constraints of this product.

**Change Implementation Status:**



In Progress

**Estimated First Ship Date:**

June 30, 2020 (date code: 2027)

NOTE: Please be advised that after the estimated first ship date 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		
Estimated Implementation date										X

**Method to Identify Change:**

Traceability code

**Qualification Report:**

Please note that the Qualification report will be available upon request.

**Revision History:**

**May 11, 2020:** Issued initial notification.

**June 17, 2020:** Issued final notification. Provided estimated first ship date by June 30, 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):**

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