



Product Change Notification - JAON-07XOUF239

Date:

13 Apr 2020

Product Category:

Others; 8-bit Microcontrollers; Touch Controllers; 16-Bit - Microcontrollers and Digital Signal Controllers; 32-bit Microcontrollers; Interface- Controller Area Network (CAN); Interface- Infrared Products; Interface- LCD Drivers; Interface- LIN Transceiver; Interface- Passive-Keyless-Entry Analog Front End; Interface- Serial Peripherals; Ionization Smoke Detector Front Ends; Binary and BCD A/D Converters; Display A/D Converters; Linear Comparators; Linear Op Amps; Linear Programmable Gain Amplifiers; Photoelectric Smoke Detector; Digital Potentiometers; Dual Slope A/D Converters; Frequency-to-Voltage / Voltage-to-Frequency Converters; Successive Approximation Register (SAR) A/D Converters; System D/A Converters; Piezoelectric Horn Drivers; Charge Pump DC-to-DC Converters; Hot Swap Controller; Linear Regulators; Power MOSFET Drivers; Switching Regulators; Brushless DC Fan Controllers & Fan Fault Detectors; Temperature Sensors; Memory; Real-Time Clock/Calendar; Wireless IC; KEELOQ® Decoder Devices; KEELOQ® Encoder Devices; KEELOQ® Transcoder Devices; USB Bridge; Ethernet Controllers; Driver / Interface ICs; Power Management - PMIC; Power Management - Power Switches; Power Management - PWM Controllers; Power Management - System Supervisors/Voltage Detectors; AC/DC - Switchmode PWM Controllers; Simple and Complex Programmable Logic

Affected CPNs:**Notification subject:**

CCB 4202 Final Notice: Qualification of G600V as an additional/alternative mold compound material for selected products available in 8L, 14L, 16L, 18L, 20L, 28L, 40L PDIP and 28L SPDIP packages at MMT assembly site using gold (Au) wire.

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 G600V as an additional/alternative mold compound material for selected products available in 8L, 14L, 16L, 18L, 20L, 28L, 40L PDIP and 28L SPDIP packages at MMT assembly site using gold (Au) wire.

Pre Change:

Using GE800 mold compound material.

Post Change:

Using GE800 mold compound material or using G600V mold compound material.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (Branch) (MMT)	
Wire material	Gold (Au)	Gold (Au)	
Die attach material	CRM-1064L	CRM-1064L	
Molding compound material	GE800	GE800	G600V



Lead frame material	CDA194	CDA194	

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on time delivery performance by qualifying G600V as an addition/alternative mold compound material for selected PDIP and SPDIP packages at MMT assembly site. Because of factory shutdowns due to the COVID-19 pandemic, we must quickly implement this change or risk not having material to ship.

Change Implementation Status:

In Progress

Estimated First Ship Date:

April 30, 2020 (date code: 2018)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	April 2020				
Workweek	14	15	16	17	18
Final PCN Issue Date			X		
Estimated Implementation Date					X

Method to Identify Change:

Traceability code

Qualification Plan:

Please open the attachments included with this PCN labeled as PCN_#_Qual Plan.

Qualification Report:

Qualification Report will be available upon request.

Revision History:

April 13, 2020: Issued final 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_JAON-07XOUF239_Qual_Plan.pdf](#)

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

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