



## Product Change Notification - JAON-07XOUF239

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**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	
<b>Assembly Site</b>	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (Branch) (MMT)	
<b>Wire material</b>	Gold (Au)	Gold (Au)	
<b>Die attach material</b>	CRM-1064L	CRM-1064L	
<b>Molding compound material</b>	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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