

## Product Change Notification - GBNG-08GYZA953

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**Date:**

23 May 2018

**Product Category:**

Linear Regulators; Linear Comparators; Linear Op Amps; Linear Selectable Gain Amplifiers; Instrumentation Amplifier; Linear Programmable Gain Amplifiers; Battery Management and Fuel Gauges - Battery Chargers; Real-Time Clock/Calendar; Temperature Sensors; Capacitive Touch Sensors; 8-bit PIC Microcontrollers; System D/A Converters; Power MOSFET Drivers; Brushless DC Fan Controllers & Fan Fault Detectors; Memory; Charge Pump DC-to-DC Converters; Switching Regulators; Power Management - PWM Controllers; Successive Approximation Register (SAR) A/D Converters; Sigma - Delta A/D Converters; Digital Potentiometers

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

CCB 3181 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 8L MSOP package using gold (Au) bond wire.

**Notification text:****PCN Status:**

Final notification.

**PCN Type:**

Manufacturing Change

**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 MMT as an additional assembly site for selected products available in 8L MSOP package using gold (Au) bond wire.

**Pre Change:**

Assembled at MTAI assembly site.

**Post Change:**

Assembled at MTAI or MMT assembly site.

**Pre and Post Change Summary:**

	Pre Change	Post Change	
<b>Assembly Site</b>	Microchip Technology Thailand - HQ (MTAI)	Microchip Technology Thailand - HQ (MTAI)	Microchip Technology Thailand - Branch (MMT)
<b>Wire material</b>	Au	Au	Au
<b>Die attach material</b>	8390A	8390A	8390A
<b>Molding compound material</b>	G600V	G600V	G600V
<b>Lead frame material</b>	CDA194	CDA194	CDA194

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying MMT as an additional assembly site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

June 23, 2018 (date code: 1825)

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

**Time Table Summary:**

	November 2017					-->	May 2018					June 2018			
Workweek	44	45	46	47	48		18	19	20	21	22	23	24	25	26

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 open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:**

**November 28, 2017:** Issued initial notification.

**December 22, 2017:** Re-issued initial notification to correct the Pre and Post Change summary from CuPdAu wire to Au wire.

**May 23, 2018:** Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on June 23, 2018.

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\\_GBNG-08GYZA953\\_Qual\\_Report.pdf](#)

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