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## Product Change Notification - GBNG-06THAP224 (Printer Friendly)

**Date:**

24 Feb 2017

**Product Category:**

Digital Potentiometers; System D/A Converters; Linear Op Amps; Linear Comparators; Real-Time Clock/Calendar; 8-bit PIC Microcontrollers; Piezoelectric Horn Drivers; Frequency-to-Voltage / Voltage-to-Frequency Converters; Capacitive Touch Sensors; KEELOQ® Encoder Devices; KEELOQ® Decoder Devices; Interface- LIN Transceiver; Touch Controllers; Interface- Infrared Products; Interface- Controller Area Network (CAN); Successive Approximation Register (SAR) A/D Converters; Sigma - Delta A/D Converters

**Notification subject:**

CCB 2851 Initial Notice: Qualification of 98 x 235 mils lead frame paddle size available in selected 14L SOIC package at MMT assembly site.

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

Initial notification

**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 98 x 235 mils lead frame paddle size available in selected 14L SOIC package at MMT assembly site.

**Pre Change:**

Assembled at MMT using lead frame with 90 x 110 mils paddle size and at MTAI using 90 x 90, 95 x 155 and 98 x 235 mils lead frame paddle sizes.

**Post Change:**

Assembled at MMT or MTAI using 90 x 90, 95 x 155 and 98 x 235 mils lead frame paddle sizes.

**Pre and Post Change Summary:**

	Pre Change		Post Change
<b>Assembly Site</b>	MTAI	MMT	MTAI or MMT
<b>Wire material</b>	Au wire	Au wire	Au wire
<b>Die attach material</b>	8390A	8390A	8390A
<b>Molding compound material</b>	G600	G600	G600

<b>Lead frame material</b>	CDA194	CDA194	CDA194
<b>Lead frame paddle size</b>	90 x 90 mils 95 x 155 mils 98 x235 mils	90 x 110 mils	90 x 90 mils 95 x 155 mils 98 x235 mils

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying 98 x 235 mils lead frame paddle size at MMT assembly site.

**Change Implementation Status:**

In Progress

**Estimated Qualification Completion Date:**

March 23, 2017

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.

**Time Table Summary:**

	February					March 2017			
Workweek	05	06	07	08	09	10	11	12	13
Initial PCN Issue Date			X						
Qualification 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.

**Revision History:**

**February 17, 2017:** Issued initial notification.

**February 24, 2017:** Re-issued initial notification to revise affected CPN list.

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-06THAP224\\_Affected CPN.pdf](#)

[PCN\\_GBNG-06THAP224\\_Qual Plan.pdf](#)

[PCN\\_GBNG-06THAP224\\_Affected CPN.xlsx](#)

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

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