



## Product Change Notification / JAON-13MXKL412

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### Date:

17-Nov-2015

### Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 1681 Final Notice: Qualification of G631HQ molding compound and AP4200 die attach material for products available in 80L TQFP (14x14x1mm) package at ANAP assembly site.

### Notification Text:

**PCN Status:** Final 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 G631HQ molding compound and AP4200 die attach material for products available in 80L TQFP (14x14x1mm) package at ANAP assembly site.

**Pre Change:** G700L molding compound and 3230 die attach material

**Post Change:** G631HQ molding compound and AP4200 die attach material

### Pre and Post Change Summary:

	Pre Change	Post Change
<b>Assembly Site</b>	ANAP assembly site	ANAP assembly site
<b>Wire material</b>	Au wire	Au wire
<b>Die attach material</b>	3230	AP4200
<b>Molding compound material</b>	G700L	G631HQ

<b>Lead frame material</b>	C194	C194
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**Impacts to Data Sheet:** None

**Reason for Change:**To improve on-time delivery performance and qualify G631HQ molding compound and AP4200 die attach material.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**December 20, 2015 (date code: 1551)

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

**Summary Table:**

	July 2015				August 2015	September 2015	October 2015	November 2015				December 2015				
WW	28	29	30	31				45	46	47	48	49	50	51	52	53
Initial PCN Issue Date			X													
Qual Report Availability									X							
Final PCN Issue Date										X						
Implementation Date														X		

**Markings to Distinguish Revised from Unrevised Devices:** Traceability code

**Revision History:****July 20, 2015:** Issued initial notification.**November 17, 2015:** Issued final notification. Attached the qualification report. Revised the estimated first ship date from October 20, 2015 to December 20, 2015. Added the pre and post change summary table.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

**Attachments:**

- [PCN\\_JAON-13MXKL412\\_Qual\\_Report.pdf](#)
- [PCN\\_JAON-13MXKL412\\_Affected\\_CPN.pdf](#)
- [PCN\\_JAON-13MXKL412\\_Affected\\_CPN.xls](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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