



Product Change Notification - KSRA-20PIWE587

Date:

27 Mar 2018

Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers; 8-bit PIC Microcontrollers; Ethernet Controllers; 32-bit PIC Microcontrollers; Display A/D Converters

Affected CPNs:**Notification subject:**

CCB 2970.002 Final Notice: Qualification of CuPdAu bond wire in selected products available in 64L and 44L TQFP package at MTAI assembly site

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 CuPdAu bond wire in selected products available in 64L and 44L TQFP package at MTAI assembly site

Pre Change:

Using palladium coated copper (PdCu) wire material

Post Change:

Using palladium coated copper wire with gold flash (CuPdAu) wire material

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (MTAI)	Microchip Technology Thailand (MTAI)
Wire material	PdCu	CuPdAu
Die attach material	3280	3280
Molding compound material	G700HA	G700HA
Lead frame material	C7025	C7025

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying CuPdAu bond wire at MTAI assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

April 27, 2018 (date code: 1817)



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

	March 2018					April 2018				
Workweek	09	10	11	12	13	14	15	16	17	18
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:

March 27, 2018: Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on April 27, 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_KSRA-20PIWE587_Qual_Report.pdf](#)

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Affected Catalog Part Numbers (CPN)

DSPIC30F2023-20E/PT
DSPIC30F2023-30I/PT
DSPIC30F2023T-30I/PT
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