



Product Change Notification - KSRA-01FYVO522

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Date:

08 Mar 2018

Product Category:

8-bit PIC Microcontrollers; 16-Bit - Microcontrollers and Digital Signal Controllers; Ethernet Controllers; Interface- Serial Peripherals; Wireless Modules; Capacitive Touch Sensors; Touch Controllers; Interface- Infrared Products; USB Bridge

Notification subject:

CCB 3254 and CCB 3254.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 20L and 28L SSOP package at MTAI assembly site

Notification text:**PCN Status:**

Initial 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 palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 20L and 28L SSOP package at MTAI assembly site

Pre Change:

Using palladium coated copper wire (PdCu) bond wire

Post Change:

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

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand HQ (MTAI)	Microchip Technology Thailand HQ (MTAI)
Wire material	PdCu Wire	CuPdAu Wire
Die attach material	3280	3280
Molding compound material	G600	G600
Lead frame material	CDA194	CDA194

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve productivity by qualifying palladium coated copper with gold flash (CuPdAu) bond wire

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

April 2018

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. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	March 2018					April 2018				
Workweek	09	10	11	12	13	14	15	16	17	18
Initial PCN Issue Date		X								
Qual Report						X				

Availability									
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:

March 08, 2018: Issued initial 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_KSRA-01FYVO522_Affected CPN.pdf](#)

[PCN_KSRA-01FYVO522_Qual Plan.pdf](#)

[PCN_KSRA-01FYVO522_Affected CPN.xlsx](#)

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

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