



Product Change Notification - KSRA-14MRKE725

Date:

14 Jun 2018

Product Category:

8-bit PIC Microcontrollers; 16-Bit - Microcontrollers and Digital Signal Controllers

Affected CPNs:**Notification subject:**

CCB 3028 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 0.25um TSMC wafer technology available in 44L QFN package at NSEB assembly

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 palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 0.25um TSMC wafer technology available in 44L QFN package at NSEB assembly site.

Pre Change:

Using gold (Au) 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	NSEB Assembly Site	NSEB Assembly Site
Wire material	Au Wire	CuPdAu Wire
Die attach material	8600	8600
Molding compound material	G700LTD	G700LTD
Lead frame material	C194	C194

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

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



Change Implementation Status:

In Progress

Estimated First Ship Date:

May 27, 2018 (date code: 1821)

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

Time Table Summary:

	July 2017					->	April 2018				May 2018				
Workweek	26	27	28	29	30		14	15	16	17	18	19	20	21	22
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 Plan:

Please open the attachments included with this PCN labeled as PCN_#_Qual Plan

Revision History:

July 18, 2017: Issued initial notification.

April 27, 2018: Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on May 27, 2018.

May 09, 2018: Re-issued final notification to correct the attached qual report.

June 14, 2018: Re-issued final notification to update affected parts 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_KSRA-14MRKE725_Qual_report.pdf](#)

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

Terms and Conditions:

If you wish to change your product/process change notification (PCN) profile please log on to our website at <http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change notification emails), click



here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

Affected Catalog Part Numbers (CPN)

DSPIC33FJ128GP204-E/ML
DSPIC33FJ128GP204-I/ML
DSPIC33FJ128GP204T-E/ML
DSPIC33FJ128GP204T-I/ML
DSPIC33FJ128GP804-E/ML
DSPIC33FJ128GP804-H/ML
DSPIC33FJ128GP804-I/ML
DSPIC33FJ128GP804T-E/ML
DSPIC33FJ128GP804T-H/ML
DSPIC33FJ128GP804T-I/ML
DSPIC33FJ128MC204-E/ML
DSPIC33FJ128MC204-I/ML
DSPIC33FJ128MC204T-E/ML
DSPIC33FJ128MC204T-I/ML
DSPIC33FJ128MC804-E/ML
DSPIC33FJ128MC804-H/ML
DSPIC33FJ128MC804-I/ML
DSPIC33FJ128MC804T-E/ML
DSPIC33FJ128MC804T-H/ML
DSPIC33FJ128MC804T-I/ML
DSPIC33FJ16GP304-I/ML
DSPIC33FJ16GP304T-E/ML
DSPIC33FJ16GP304T-I/ML
DSPIC33FJ16GS404-50I/ML
DSPIC33FJ16GS404-E/ML
DSPIC33FJ16GS404-H/ML
DSPIC33FJ16GS404-I/ML
DSPIC33FJ16GS404T-50I/ML
DSPIC33FJ16GS404T-E/ML
DSPIC33FJ16GS404T-H/ML
DSPIC33FJ16GS404T-I/ML
DSPIC33FJ16GS504-50I/ML
DSPIC33FJ16GS504-E/ML
DSPIC33FJ16GS504-H/ML
DSPIC33FJ16GS504-I/ML
DSPIC33FJ16GS504T-50I/ML
DSPIC33FJ16GS504T-E/ML
DSPIC33FJ16GS504T-H/ML
DSPIC33FJ16GS504T-I/ML
DSPIC33FJ16MC304-E/ML
DSPIC33FJ16MC304-H/ML
DSPIC33FJ16MC304-I/ML
DSPIC33FJ16MC304T-E/ML
DSPIC33FJ16MC304T-I/ML
DSPIC33FJ32GP104-I/ML
DSPIC33FJ32GP204-I/ML

DSPIC33FJ32GP204T-E/ML
DSPIC33FJ32GP204T-I/ML
DSPIC33FJ32GP304-E/ML
DSPIC33FJ32GP304-I/ML
DSPIC33FJ32GP304T-E/ML
DSPIC33FJ32GP304T-I/ML
DSPIC33FJ32MC204-E/ML
DSPIC33FJ32MC204-H/ML
DSPIC33FJ32MC204-I/ML
DSPIC33FJ32MC204T-E/ML
DSPIC33FJ32MC204T-I/ML
DSPIC33FJ32MC204T-V/MLC21
DSPIC33FJ32MC204-V/MLC21
DSPIC33FJ32MC304-E/ML
DSPIC33FJ32MC304-I/ML
DSPIC33FJ32MC304T-E/ML
DSPIC33FJ32MC304T-I/ML
DSPIC33FJ64GP204-E/ML
DSPIC33FJ64GP204-I/ML
DSPIC33FJ64GP204T-E/ML
DSPIC33FJ64GP204T-I/ML
DSPIC33FJ64GP804-E/ML
DSPIC33FJ64GP804-I/ML
DSPIC33FJ64GP804T-E/ML
DSPIC33FJ64GP804T-I/ML
DSPIC33FJ64MC204-E/ML
DSPIC33FJ64MC204-E/ML042
DSPIC33FJ64MC204-I/ML
DSPIC33FJ64MC204T-E/ML
DSPIC33FJ64MC204T-E/ML042
DSPIC33FJ64MC204T-I/ML
DSPIC33FJ64MC804-E/ML
DSPIC33FJ64MC804-H/ML
DSPIC33FJ64MC804-I/ML
DSPIC33FJ64MC804T-E/ML
DSPIC33FJ64MC804T-H/ML
DSPIC33FJ64MC804T-I/ML
HA7617-I/ML035
HA7617-I/ML040
HA7617T-I/ML035
HA7617T-I/ML040
HA7617T-I/ML044
HA7617T-I/ML046
PIC18F44J10-I/ML
PIC18F44J11-I/ML
PIC18F44J11T-I/ML
PIC18F44J50-I/ML
PIC18F44J50T-I/ML
PIC18F45J10-I/ML

PIC18F45J10T-I/ML
PIC18F45J11-I/ML
PIC18F45J11T-I/ML
PIC18F45J50-I/ML
PIC18F45J50T-I/ML
PIC18F46J11-I/ML
PIC18F46J11T-I/ML
PIC18F46J13-I/ML
PIC18F46J13T-I/ML
PIC18F46J50-I/ML
PIC18F46J50T-I/ML
PIC18F46J53-I/ML
PIC18F46J53T-I/ML
PIC18F47J13-I/ML
PIC18F47J13T-I/ML
PIC18F47J53-I/ML
PIC18F47J53T-I/ML
PIC18LF44J10-I/ML
PIC18LF44J11-I/ML
PIC18LF44J11T-I/ML
PIC18LF44J50-I/ML
PIC18LF44J50T-I/ML
PIC18LF45J10-I/ML
PIC18LF45J11-I/ML
PIC18LF45J11T-I/ML
PIC18LF45J50-I/ML
PIC18LF45J50T-I/ML
PIC18LF46J11-I/ML
PIC18LF46J11T-I/ML
PIC18LF46J13-I/ML
PIC18LF46J13T-I/ML
PIC18LF46J50-I/ML
PIC18LF46J50T-I/ML
PIC18LF46J53-I/ML
PIC18LF46J53T-I/ML
PIC18LF47J13-I/ML
PIC18LF47J13T-I/ML
PIC18LF47J53-I/ML
PIC18LF47J53T-I/ML
PIC24FJ16GA004-E/ML
PIC24FJ16GA004-I/ML
PIC24FJ16GA004T-I/ML
PIC24FJ16GA004T-I/MLC09
PIC24FJ32GA004-E/ML
PIC24FJ32GA004-I/ML
PIC24FJ32GA004T-E/ML
PIC24FJ32GA004T-I/ML
PIC24FJ32GA004T-I/MLC12
PIC24FJ32GA104-E/ML

PIC24FJ32GA104-I/ML
PIC24FJ32GA104-I/ML021
PIC24FJ32GA104-I/ML023
PIC24FJ32GA104-I/ML025
PIC24FJ32GA104T-E/ML
PIC24FJ32GA104T-I/ML
PIC24FJ32GA104T-I/ML021
PIC24FJ32GA104T-I/ML023
PIC24FJ32GA104T-I/ML024
PIC24FJ32GA104T-I/ML025
PIC24FJ32GB004-I/ML
PIC24FJ32GB004T-I/ML
PIC24FJ32MC104-I/ML
PIC24FJ48GA004-E/ML
PIC24FJ48GA004-I/ML
PIC24FJ48GA004T-I/ML
PIC24FJ48GA004T-I/ML022
PIC24FJ64GA004-E/ML
PIC24FJ64GA004-I/ML
PIC24FJ64GA004-I/MLB4
PIC24FJ64GA004-I/MLC13
PIC24FJ64GA004T-I/ML
PIC24FJ64GA004T-I/MLC13
PIC24FJ64GA104-E/ML
PIC24FJ64GA104-I/ML
PIC24FJ64GA104T-E/ML
PIC24FJ64GA104T-I/ML
PIC24FJ64GB004-I/ML
PIC24FJ64GB004T-I/ML
PIC24HJ128GP204-E/ML
PIC24HJ128GP204-I/ML
PIC24HJ128GP204T-E/ML
PIC24HJ128GP204T-I/ML
PIC24HJ128GP504-E/ML
PIC24HJ128GP504-H/ML
PIC24HJ128GP504-I/ML
PIC24HJ128GP504T-E/ML
PIC24HJ128GP504T-H/ML
PIC24HJ128GP504T-I/ML
PIC24HJ16GP304-H/ML
PIC24HJ16GP304-I/ML
PIC24HJ16GP304T-E/ML
PIC24HJ16GP304T-I/ML
PIC24HJ32GP204-E/ML
PIC24HJ32GP204-I/ML
PIC24HJ32GP204T-E/ML
PIC24HJ32GP204T-I/ML
PIC24HJ32GP304-E/ML
PIC24HJ32GP304-I/ML

PIC24HJ32GP304T-E/ML
PIC24HJ32GP304T-I/ML
PIC24HJ64GP204-E/ML
PIC24HJ64GP204-I/ML
PIC24HJ64GP204T-E/ML
PIC24HJ64GP204T-I/ML
PIC24HJ64GP504-E/ML
PIC24HJ64GP504-I/ML
PIC24HJ64GP504T-E/ML
PIC24HJ64GP504T-I/ML