


 Search ...

PRODUCTS | APPLICATIONS | DESIGN SUPPORT | TRAINING | SAMPLE AND BUY | ABOUT
 US | CONTACT US | myMicrochip Login

Product Change Notification - JAON-09TVHB927

Date: 06 Oct 2016
Product Category: 32-bit PIC Microcontrollers
Notification subject: CCB 1460 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected products available in 144L TQFP 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 palladium coated copper with gold flash (CuPdAu) bond wire for selected products available in 144L TQFP package at ANAP 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	ANAP assembly site	ANAP assembly site
Wire material	Au wire	CuPdAu wire
Die attach material	3230	3230
Molding compound material	G700L	G700L
Lead frame material	C194	C194

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability and qualify CuPdAu wire at ANAP assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

November 25, 2016 (date code: 1647)

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

Time Table Summary:

Workweek	October 2014					->	July 2015					->	October 2016				November 2016				
	22	23	24	25	26		27	28	29	30	31		40	41	42	43	44	45	46	47	
Initial PCN Issue Date		X																			
Initial PCN revision Issue Date											X										
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:

October 15, 2014: Issued initial notification.

July 29, 2015: Changed the bonding wire from palladium coated copper (**PdCu**) to palladium coated copper with gold flash (**CuPdAu**) bond wire. Revised the estimated first ship date from May 1, 2015 to January 15, 2016.

October 6, 2016: Issued final notification. Attached the qualification report. Revised the estimated first ship date from January 15, 2016 to November 25, 2016. Updated the affected parts list. Updated PCN letter to add the pre and post change summary table and the time table summary.

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_JAON-09TVHB927_Qual Report.pdf](#)
- [PCN_JAON-09TVHB927_Affected CPN.pdf](#)
- [PCN_JAON-09TVHB927_Affected CPN.xls](#)

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."



[Products](#) | [Applications](#) | [Design Support](#) | [Training](#) | [Sample and Buy](#) | [About Us](#) | [Contact Us](#) | [Legal](#) | [Investors](#) | [Careers](#) | [Support](#)

©Copyright 1998-2016 Microchip Technology Inc. All rights reserved. Shanghai ICP Recordal No.09049794

JAON-09TVHB927 - CCB 1460 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected products available in 144L TQFP package at ANAP assembly site.

Affected Catalog Part Numbers (CPN)

PCN_JAON-09TVHB927
CATALOG_PART_NBR
PIC32MZ0512EFE144-E/PH
PIC32MZ0512EFE144-I/PH
PIC32MZ0512EFE144T-E/PH
PIC32MZ0512EFE144T-I/PH
PIC32MZ0512EFF144-E/PH
PIC32MZ0512EFF144-I/PH
PIC32MZ0512EFF144T-E/PH
PIC32MZ0512EFF144T-I/PH
PIC32MZ0512EFK144-E/PH
PIC32MZ0512EFK144-I/PH
PIC32MZ0512EFK144T-E/PH
PIC32MZ0512EFK144T-I/PH
PIC32MZ1024ECG144-I/PH
PIC32MZ1024ECG144T-I/PH
PIC32MZ1024ECH144-I/PH
PIC32MZ1024ECH144T-I/PH
PIC32MZ1024ECM144-I/PH
PIC32MZ1024ECM144T-I/PH
PIC32MZ1024EFE144-E/PH
PIC32MZ1024EFE144-I/PH
PIC32MZ1024EFE144T-E/PH
PIC32MZ1024EFE144T-I/PH
PIC32MZ1024EFF144-E/PH
PIC32MZ1024EFF144-I/PH
PIC32MZ1024EFF144T-E/PH
PIC32MZ1024EFF144T-I/PH
PIC32MZ1024EFG144-E/PH
PIC32MZ1024EFG144-I/PH
PIC32MZ1024EFG144T-E/PH
PIC32MZ1024EFG144T-I/PH
PIC32MZ1024EFH144-E/PH
PIC32MZ1024EFH144-I/PH
PIC32MZ1024EFH144T-E/PH
PIC32MZ1024EFH144T-I/PH
PIC32MZ1024EFK144-E/PH
PIC32MZ1024EFK144-I/PH
PIC32MZ1024EFK144T-E/PH
PIC32MZ1024EFK144T-I/PH
PIC32MZ1024EFM144-E/PH
PIC32MZ1024EFM144-I/PH
PIC32MZ1024EFM144T-E/PH
PIC32MZ1024EFM144T-I/PH
PIC32MZ2048ECG144-I/PH

JAON-09TVHB927 - CCB 1460 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected products available in 144L TQFP package at ANAP assembly site.

Affected Catalog Part Numbers (CPN)

PCN_JAON-09TVHB927
CATALOG_PART_NBR
PIC32MZ2048ECG144T-I/PH
PIC32MZ2048ECH144-I/PH
PIC32MZ2048ECH144-I/PHEE9
PIC32MZ2048ECH144T-I/PH
PIC32MZ2048ECH144T-I/PHEE9
PIC32MZ2048ECM144-I/PH
PIC32MZ2048ECM144-I/PHGE9
PIC32MZ2048ECM144T-I/PH
PIC32MZ2048ECM144T-I/PHGE9
PIC32MZ2048EFG144-E/PH
PIC32MZ2048EFG144-I/PH
PIC32MZ2048EFG144T-E/PH
PIC32MZ2048EFG144T-I/PH
PIC32MZ2048EFH144-250I/PH
PIC32MZ2048EFH144-E/PH
PIC32MZ2048EFH144-I/PH
PIC32MZ2048EFH144T-250I/PH
PIC32MZ2048EFH144T-E/PH
PIC32MZ2048EFH144T-I/PH
PIC32MZ2048EFM144-E/PH
PIC32MZ2048EFM144-I/PH
PIC32MZ2048EFM144-I/PHN21
PIC32MZ2048EFM144T-E/PH
PIC32MZ2048EFM144T-I/PH
PIC32MZ2048EFM144T-I/PHN21