

Product Change Notification - KSRA-29KJUY118

Date: 07 Mar 2018
Product Category: Capacitive Touch Sensors; 8-bit PIC Microcontrollers
Notification subject: CCB 3211 Initial Notice: Qualification of MTAI as an additional assembly site for selected Atmel Products available in 32L VQFN package using CuPdAu bond wire
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 MTAI as an additional assembly site for selected Atmel products available in 32L VQFN package using palladium coated copper wire with gold flash (CuPdAu) bond wire

Pre Change:

Assembled at ANAC Assembly site using 8290 die attach

Post Change:

Assembled at ANAC Assembly site using 8290 die attach and assembled at MTAI Assembly site using 3280 die attach

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|----------------------------------|--|--|--|
| Assembly Site | Amkor Assembly & Test (Shanghai) Co., LTD / ANAC | Amkor Assembly & Test (Shanghai) Co., LTD / ANAC | Microchip Technology Thailand (HQ) / MTAI |
| Wire material | CuPdAu | CuPdAu | CuPdAu |
| Die attach material | 8290 | 8290 | 3280 |
| Molding compound material | G700 | G700 | G700 |
| Lead frame material | C194 | C194 | C194 |

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying MTAI as an additional assembly site

Change Implementation Status:

In Progress

Estimated Qualification Completion Date

May 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:

| Workweek | March 2018 | | | | | → | May 2018 | | | | |
|--------------------------|------------|----|----|----|----|---|----------|----|----|----|----|
| | 09 | 10 | 11 | 12 | 13 | | 18 | 19 | 20 | 21 | 22 |
| Initial PCN Issue Date | | X | | | | | | | | | |
| Qual Report Availability | | | | | | | | | | | X |
| 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 07, 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-29KJUY118_Affected_CPN.pdf](#)
- [PCN_KSRA-29KJUY118_Qual_Plan.pdf](#)
- [PCN_KSRA-29KJUY118_Affected_CPN.xlsx](#)

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

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Affected Catalog Part Numbers (CPN)

| PCN_KSRA-29KJUY118 |
|---------------------------|
| CATALOG_PART_NBR |
| AT42QT4160-MUR |
| ATMEGA168-20MQ |
| ATMEGA168-20MQR |
| ATMEGA168-20MU |
| ATMEGA168-20MUR |
| ATMEGA168P-20MQ |
| ATMEGA168P-20MQR |
| ATMEGA168P-20MU |
| ATMEGA168P-20MUR |
| ATMEGA168PV-10MU |
| ATMEGA168PV-10MUR |
| ATMEGA168PV-10MUR455 |
| ATMEGA168V-10MQ |
| ATMEGA168V-10MQR |
| ATMEGA168V-10MQR610 |
| ATMEGA168V-10MU |
| ATMEGA168V-10MUR |
| ATMEGA168V-10MUR598 |
| ATMEGA328-MU |
| ATMEGA328-MUR |
| ATMEGA328P-MN |
| ATMEGA328P-MNR |
| ATMEGA328P-MU |
| ATMEGA328P-MUR |
| ATMEGA48-20MU |
| ATMEGA48-20MUR |
| ATMEGA48V-10MU |
| ATMEGA48V-10MUR |
| ATMEGA48V-10MUR173 |
| ATMEGA48V-10MUR348 |
| ATMEGA48V-10MURA3 |
| QT60160-ISG |
| QT60240-ISG |