



## Product Change Notification - KSRA-31LQPW108

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**Date:**

02 Jun 2018

**Product Category:**

8-bit PIC Microcontrollers

**Affected CPNs:****Notification subject:**

CCB 3051 Final Notice: Qualification of ASE as an additional assembly site for selected Atmel products available in 100L TFBGA (9x9mm) package

**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 ASE as an additional assembly site for selected Atmel products available in 100L TFBGA (9x9mm) package.

**Pre Change:**

Assembled at LPI assembly site

**Post Change:**

Assembled at LPI or ASE assembly site

**Pre and Post Change Summary:**

|                                  | Pre Change                                  | Post Change                                 |                |
|----------------------------------|---|---|----------------|
| <b>Assembly Site</b>             | Lingsen Precision Industires, LTD.<br>(LPI) | Lingsen Precision Industires, LTD.<br>(LPI) | ASE Inc. (ASE) |
| <b>Wire material</b>             | Au wire                                     | Au wire                                     | Au wire        |
| <b>Die attach material</b>       | 2100  | 2100  | 2100           |
| <b>Molding compound material</b> | G770H                                       | G770H                                       | KE-G1250NAS    |
| <b>Substrate material</b>        | HL832NX(A-HS)                               | HL832NX(A-HS)                               | HL832NX(A-HS)  |
| <b>Solder Ball</b>               | SAC 305                                     | SAC 305                                     | SAC 105        |

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve manufacturability by qualifying ASE as an additional assembly site.

**Change Implementation Status:**

In Progress



**Estimated First Ship Date:**

July 02, 2018 (date code: 1827)

**Time Table Summary:**

| Workweek                      | September 2017 |    |    |    |    | --> | June 2018 |    |    |    |    | July 2018 |    |    |    |    |
|-------------------------------|----------------|----|----|----|----|-----|-----------|----|----|----|----|-----------|----|----|----|----|
|                               | 35             | 36 | 37 | 38 | 39 |     | 22        | 23 | 24 | 25 | 26 | 27        | 28 | 29 | 30 | 31 |
| 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 Report:**

Please open the attachments included with this PCN labeled as PCN\_#\_Qual Report.

**Revision History:**

**September 18, 2017:** Issued initial notification.

**June 02, 2018:** Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on July 02, 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-31LQPW108\\_Qual Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATMEGA1280-16CU  
ATMEGA1280-16CUR  
ATMEGA1280V-8CU  
ATMEGA1280V-8CUR  
ATMEGA2560-16CU  
ATMEGA2560-16CUA0  
ATMEGA2560-16CUR  
ATMEGA2560-16CURA0  
ATMEGA2560V-8CU  
ATMEGA2560V-8CUA0  
ATMEGA2560V-8CUR  
ATMEGA2560V-8CURA0  
ATMEGA640-16CU  
ATMEGA640-16CUR  
ATMEGA640V-8CU  
ATMEGA640V-8CUR  
ATXMEGA128A1-CU  
ATXMEGA128A1-CUA1  
ATXMEGA128A1-CUR  
ATXMEGA128A1U-CN  
ATXMEGA128A1U-CNR  
ATXMEGA128A1U-CU  
ATXMEGA128A1U-CUR  
ATXMEGA64A1-CU  
ATXMEGA64A1-CUR  
ATXMEGA64A1U-CU  
ATXMEGA64A1U-CUR  
ATXMEGA64A1U-CURA0