

**Product Change Notification - KSRA-25BPKT420**


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**Date:**

15 Apr 2019

**Product Category:**

32-bit Microcontrollers

**Affected CPNs:**

**Notification subject:**

CCB 3467 Final Notice: Qualification of a new lead frame with double ring plating on paddle for selected Atmel products of 58.85K wafer technology available in 48L TQFP (7x7x1.0mm) package at ASE assembly site using palladium coated copper with gold flash (CuPdAu) bond wire

**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 a new lead frame with double ring plating on paddle for selected Atmel products of 58.85K wafer technology available in 48L TQFP (7x7x1.0mm) package at ASE assembly site using palladium coated copper with gold flash (CuPdAu) bond wire

**Pre Change:**

Assembled at ASE Inc. Taiwan (ASE) using a lead frame with single ring plating on paddle palladium coated copper (CuPd) Bond wire

**Post Change:**

Assembled at ASE Inc. Taiwan (ASE) using a lead frame with double ring plating on paddle using palladium coated copper with gold flash (CuPdAu) bond wire

**Pre and Post Change Summary:**

	<b>Pre Change</b>	<b>Post Change</b>
<b>Assembly Site</b>	ASE Inc. (ASE)	ASE Inc. (ASE)
<b>Wire material</b>	CuPd	CuPdAu
<b>Die attach material</b>	CRM-1076WA	CRM-1076WA
<b>Molding compound material</b>	EME-G631H	EME-G631H
<b>Lead frame material</b>	C7025	C7025
<b>Lead frame Surface</b>	Ring	Double Ring

Note: See attached lead frame comparison

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve on-time delivery performance and qualify a new lead frame with double ring plating on paddle.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**



May 15, 2019 (date code: 1920)

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

**Time Table Summary:**

	July 2018					-->	April 2019				May 2019				
Workweek	27	28	29	30	31		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 Report:**

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

**Revision History:**

**July 27, 2018:** Issued initial notification.

**April 15, 2019:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date on May 15, 2019.

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-25BPKT420\\_Qual\\_Report.pdf](#)

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

**Terms and Conditions:**

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATSAM4LC2AA-AU  
ATSAM4LC2AA-AUR  
ATSAM4LC4AA-AU  
ATSAM4LC4AA-AUR  
ATSAM4LS2AA-AU  
ATSAM4LS2AA-AUR  
ATSAM4LS4AA-AU  
ATSAM4LS4AA-AUR