



## Product/Process Change Notification (PCN)

**PCN Number:** WC160913  
**PCN Title:** Adding Copper Bonding Wire Capability for Selected ARM Microcontrollers  
**PCN Issue Date:** 8-Mar-16  
**Proposed First Ship Date:** 8-Jun-16

**Change Category:**

|                                                            |                                                 |
|------------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Material / Composition | <input type="checkbox"/> Manufacturing Location |
| <input type="checkbox"/> Processing / Manufacturing        | <input type="checkbox"/> Quality / Reliability  |
| <input type="checkbox"/> Design / Firmware                 | <input type="checkbox"/> Logistics              |
| <input type="checkbox"/> Datasheet                         | <input type="checkbox"/> Other:                 |

### Change Description:

| Changed Item | Current         | New                             |
|--------------|-----------------|---------------------------------|
| Wires        | Gold (Au) Wires | Gold (Au) and Copper (Cu) Wires |
|              |                 |                                 |

**Reason for Change:** - To increase manufacturing flexibility and ensure long-term continuity of supply

**Change Impact:** - None

### Product Identification:

| Current Part Number |                |                |
|---------------------|----------------|----------------|
| ATSAM3A4CA-AU       | ATSAM3X4CA-AU  | ATSAM3X8CA-AU  |
| ATSAM3A4CA-AUR      | ATSAM3X4CA-AUR | ATSAM3X8CA-AUR |
| ATSAM3A4CA-CU       | ATSAM3X4CA-CU  | ATSAM3X8CA-CU  |
| ATSAM3A4CA-CUR      | ATSAM3X4CA-CUR | ATSAM3X8CA-CUR |
| ATSAM3A8CA-AU       | ATSAM3X4EA-AU  | ATSAM3X8EA-AU  |
| ATSAM3A8CA-AUR      | ATSAM3X4EA-AUR | ATSAM3X8EA-AUR |
| ATSAM3A8CA-CU       | ATSAM3X4EA-CU  | ATSAM3X8EA-CU  |
| ATSAM3A8CA-CUR      | ATSAM3X4EA-CUR | ATSAM3X8EA-CUR |

### Samples Availability

| Part Number                     | Sample ordering code | Remarks                                                                                                                                                        |
|---------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATSAM3A4CA-AU<br>ATSAM3A4CA-AUR | ATSAM3A4CA-AUC       | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3A4CA-CU<br>ATSAM3A4CA-CUR | ATSAM3A4CA-CUC       | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3A8CA-AU<br>ATSAM3A8CA-AUR | ATSAM3A8CA-AUC       | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |

|                                 |                |                                                                                                                                                                |
|---------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATSAM3A8CA-CU<br>ATSAM3A8CA-CUR | ATSAM3A8CA-CUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X4CA-AU<br>ATSAM3X4CA-AUR | ATSAM3X4CA-AUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X4EA-CU<br>ATSAM3X4EA-CUR | ATSAM3X4CA-CUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X4EA-AU<br>ATSAM3X4EA-AUR | ATSAM3X4EA-AUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X4EA-CU<br>ATSAM3X4EA-CUR | ATSAM3X4EA-CUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X8CA-AU<br>ATSAM3X8CA-AUR | ATSAM3X8CA-AUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X8EA-CU<br>ATSAM3X8EA-CUR | ATSAM3X8CA-CUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X8EA-AU<br>ATSAM3X8EA-AUR | ATSAM3X8EA-AUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |
| ATSAM3X8EA-CU<br>ATSAM3X8EA-CUR | ATSAM3X8EA-CUC | <input checked="" type="checkbox"/> Currently available<br><input type="checkbox"/> Will be available: (dd-Mmm-yy):<br><input type="checkbox"/> Not Applicable |

## Ordering Samples:

Samples can be ordered through Atmel Sample Center by logging on to <https://samples.atmel.com/scripts/samplecenter.dll?atmel?cmd=menu> or contact your Atmel Sales Representative.

## Qualification Data:

☒ Available

☐ Will be available  
(mm/dd/yr):

☐ Not Applicable

## Characterization Data:

☐ Available  
Refer to Annex

☐ Will be available  
(mm/dd/yr):

☒ Not Applicable

## Method to Identify Change:

None

(indicate details here)

## Marking Change:

☒ No

☐ Yes Refer to Annex

## Data Sheet:

To view Data sheet please go to <http://www.atmel.com/>



### Please contact your Atmel Sales Representative or Distributor for additional information

This Change Notification is subject to the terms of Atmel's Terms and Conditions of Sale for such products identified herein, which Terms and Conditions remain in full force and effect. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Atmel's Terms and Conditions of Sale for such products, Atmel assumes no liability whatsoever, and Atmel disclaims any express or implied warranty, including liability or warranties relating to fitness for a particular purpose, merchantability, or non-infringement of any patent, copyright or other intellectual property right.

### Customer Acknowledgement of Receipt:

Atmel requests you acknowledge receipt of this PCN. Please complete and email to [pcnadm@atmel.com](mailto:pcnadm@atmel.com) and the Atmel Contact listed above. In your acknowledgement, you can grant approval or request additional information. **Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.**

### To be completed by customer:

- ☐ Approved  
☐ Rejected (Please state reason for rejection):

Company:

Name:

Title:

Date:

Email Address:

Location:

Comments: