

PCN Number: RC134301
Notification Date*: November 14, 2013

Title: AT91SAM9CN12 Migration to Revision B													
Product Identification: Ordering code and top side marking													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">EOL Ordering Code</th> <th style="text-align: left;">New Ordering Code</th> </tr> </thead> <tbody> <tr> <td>AT91SAM9CN12-CU</td> <td>AT91SAM9CN12B-CU</td> </tr> <tr> <td>AT91SAM9CN12-CUR</td> <td>AT91SAM9CN12B-CUR</td> </tr> <tr> <td>AT91SAM9CN12-CFU</td> <td>AT91SAM9CN12B-CFU</td> </tr> <tr> <td>AT91SAM9CN12-CFUR</td> <td>AT91SAM9CN12B-CFUR</td> </tr> </tbody> </table>		EOL Ordering Code	New Ordering Code	AT91SAM9CN12-CU	AT91SAM9CN12B-CU	AT91SAM9CN12-CUR	AT91SAM9CN12B-CUR	AT91SAM9CN12-CFU	AT91SAM9CN12B-CFU	AT91SAM9CN12-CFUR	AT91SAM9CN12B-CFUR		
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Reason for Change:	☐ Material / Composition ☐ Processing / Manufacturing ☒ Design / Firmware ☒ Datasheet ☐ Manufacturing Location ☐ Quality / Reliability ☐ Logistics ☐ Other:												
Change Description: A detailed description of the differences between the Marketing Revision Level (MRL) A and B can be found in the data sheet 11063K. In summary, changes are limited to: • Correction of MRL A errata 51.2.2.1: Detection of main crystal 16MHz not reliable at high temperature or low voltage, use a 12MHz main crystal instead. • Implemented boot memory support for a large set of 25-series serial flash devices (see section 51.3.1.1 for list of tested devices) New errata applicable to MRL A and B (section 51.1.3): Reset hangs with 12 MHz RC disabled. To increase manufacturing flexibility and ensure a long-term continuity of supply, Atmel will manufacture the AT91SAM9CN12B using both gold (Au) and copper bond (Cu) wires. Atmel reserves the right to ship devices with either gold or copper bond wires. The change will not impact reliability, soldering profiles or electrical characteristics.													
Identification Method to Distinguish Change: Marketing Revision Level (MRL) has been incremented on top side marking to B .													
Qualification Data:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable										
Samples:	☒ Available 91SAM9CN12B-CU 91SAM9CN12B-CFU	☐ Will be available (mm/dd/yr):	☒ Not Applicable 91SAM9CN12B-CUR 91SAM9CN12B-CFUR										
Quantifiable Impact on Quality & Reliability: N/A													

Forecasted Availability Date: Delivery of Volume MRL B Product :

91SAM9CN12B-CU: Now

91SAM9CN12B-CFU: December 16, 2013

Last Time Buy Date: May 14, 2014

Last Ship Date: November 14, 2014

**All orders placed after the notification date are non-cancellable and non-returnable (NCNR).*

Atmel Contact: Please contact your Atmel Sales Representative or Distributor for additional information (when replying via e-mail please include the PCN number in subject line).

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CUSTOMER ACKNOWLEDGEMENT OF RECEIPT: Atmel requests you acknowledge receipt of this PCN / EOL. Please complete and email to 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):

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Title:

Date:

Email

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Comments: