

PCN Number: RC130804A (Revised 06/20/14)
See Changes in Blue Text

Notification Date*: March 28, 2013

Title: AT91SAM9M10B Migration to Revision C

Product Identification:

Ordering code and top side marking

EOL Ordering Code	New Ordering Code
AT91SAM9M10B-CU*	AT91SAM9M10C-CU
AT91SAM9M10B-CU-999*	AT91SAM9M10C-CU-999

***Lifetime extended to end of 2014**

Reason for Change:

- | | |
|---|---|
| ☐ Material / Composition | ☐ Manufacturing Location |
| ☐ Processing / Manufacturing | ☐ Quality / Reliability |
| ☒ Design / Firmware | ☐ Logistics |
| ☐ Datasheet | ☐ Other: |

Change Description:

A detailed description of the differences between the marketing revision level (MRL) B and C can be found in the data sheet.

In summary, changes are limited to the correction of the following errata:

- Boot ROM: Boot issue on AT45-series SPI dataflash (section 50.2.1.2)
- UHPHS/UDPHS: Bad Lock of the USB High speed transceiver DLL. (section 50.2.9.2)

To increase manufacturing flexibility and ensure a long-term continuity of supply, Atmel will manufacture the **AT91SAM9M10C-CU** and **AT91SAM9M10C-CU-999** 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.

Revised due to change: Boot on SDCard is not functional on MRL C

New Errata introduced and limited only to MRL C

49.3.1 Boot ROM (Limited to MRL C)

49.3.1.1 Boot ROM: SDCARD Boot is not functional on MRL C

The SDcard boot functionality does not work due to an issue in the ROM Code.

Problem Fix/Workaround

None

Identification Method to Distinguish Change:

See section Product identification above.

Qualification Data:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Samples:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Quantifiable Impact on Quality & Reliability: N/A			
Forecasted Availability Date: Now Last Time Buy Date: December 31 st 2014 Last Ship Date: March 31 st 2015 <i>*All orders placed after the notification date are non-cancellable and non-returnable (NCNR).</i>			
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