



PCN / EOL Notification

PCN Number: RC130803A (Revised 06/20/14) Notification Date*: March 15th, 2013
See Changes in Blue Text

Title: : AT91SAM9G45 Migration to Revision C			
Product Identification: Ordering code and top side marking			
EOL Ordering Code		New Ordering Code	
AT91SAM9G45B-CU*		AT91SAM9G45C-CU	
AT91SAM9G45B-CU-999*		AT91SAM9G45C-CU-999	
*Lifetime extended to end of 2014			
Reason for Change:	<input type="checkbox"/> Material / Composition <input type="checkbox"/> Processing / Manufacturing	<input checked="" type="checkbox"/> Design / Firmware <input type="checkbox"/> Logistics	<input type="checkbox"/> Manufacturing Location <input type="checkbox"/> Quality / Reliability
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: <ul style="list-style-type: none"> • Boot ROM: Boot issue on AT45-series SPI dataflash (section 49.2.1.2) • UPHPS/UDPHS: Bad Lock of the USB High speed transceiver DLL. (section 49.2.9.2) <p>To increase manufacturing flexibility and ensure a long-term continuity of supply, Atmel will manufacture the AT91SAM9G45C-CU and AT91SAM9G45C-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.</p> <p>Revised due to change: Boot on SDCard is not functional on MRL C</p> <p><u>New Errata introduced and limited only to MRL C</u></p> <p>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.</p> <p>Problem Fix/Workaround None</p>			
Identification Method to Distinguish Change: See section Product identification above.			
Qualification Data:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
Samples:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable

ATMEL Rousset • Zone industrielle 13106 ROUSSET Cedex • France

Quantifiable Impact on Quality & Reliability:

N/A

Forecasted Availability Date: Now

Last Time Buy Date: December 31st 2014

Last Ship Date: March 31st 2015

**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 PCN number in subject line).

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