



PCN / EOL Notification

PCN Number: RC131805A (Revised 06/20/14)
See Changes in Blue Text

Notification Date*: May 3, 2013

Title: AT91SAM9G46 Migration to Revision B							
Product Identification: Ordering code and topside marking							
<table border="1"><tr><th>EOL Ordering Code</th><th>New Ordering Code</th></tr><tr><td>AT91SAM9G46-CU*</td><td>AT91SAM9G46B-CU</td></tr></table>		EOL Ordering Code	New Ordering Code	AT91SAM9G46-CU*	AT91SAM9G46B-CU		
EOL Ordering Code	New Ordering Code						
AT91SAM9G46-CU*	AT91SAM9G46B-CU						
*Lifetime extended to end of 2014							
Reason for Change:	☐ Material / Composition ☐ Processing / Manufacturing	☒ Design / Firmware ☐ Logistics	☐ Manufacturing Location ☐ Quality / Reliability				
Change Description: A detailed description of the differences between the marketing revision level (MRL) A and B can be found in the data sheet. In summary, changes are limited to the correction of the following errata: • USB High Speed Host : Packet loss in the UTMI transceiver (section 52.3.9.1 in datasheet) • USB High Speed Host and Device Port : USB does not startup after power-up (section 52.3.10.1 in datasheet) • Boot ROM: Boot issue on AT45-series SPI dataflash fixed (section 52.2.1.2) • UPHPS/UDPHS: Bad Lock of the USB High speed transceiver DLL (section 52.2.10.2). Issue fixed To increase manufacturing flexibility and ensure a long-term continuity of supply, Atmel will manufacture the AT91SAM9G46B-CU 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 B <u>New Errata introduced and limited only to MRL B</u> 49.3.1 Boot ROM (Limited to MRL B) 49.3.1.1 Boot ROM: SDCARD Boot is not functional on MRL B The SDcard boot functionality does not work due to an issue in the ROM Code. Problem Fix/Workaround None							
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	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Quantifiable Impact on Quality & Reliability: None			
Forecasted Availability Date: Now Last Time Buy Date: December 31st 2014 Last Ship Date: March 31st 2015 <i>*All orders placed after the notification date are non-cancellable and non-returnable (NCNR).</i>			
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