

PCN Number: RC151604

Notification Date: April 24, 2015

Title: Adding Copper Bonding Wire Capability for Selected ARM Microcontrollers

Product Identification:

Part number	Part number	Part number	Part number
AT91SAM7X512B-AU	ATSAM3U2CA-CU	AT91SAM7X128C-CU	AT91SAM7SE256B-CUR
AT91SAM7X512B-AUR	ATSAM3U2EA-AU	AT91SAM7X128C-CUR	AT91SAM7SE512B-AU
AT91SAM7X512B-CU	ATSAM3U2EA-CU	AT91SAM7X256C-AU	AT91SAM7SE512B-AUR
AT91SAM7X512B-CUR	ATSAM3U4CA-AU	AT91SAM7X256C-AUR	AT91SAM7SE512B-CU
AT91SAM7S128D-AU	ATSAM3U4CA-CU	AT91SAM7X256C-CU	AT91SAM7SE512B-CUR
AT91SAM7S128D-MU	ATSAM3U4EA-AU	AT91SAM7X256C-CUR	AT91SAM9XE256B-CU
AT91SAM7S256D-AU	ATSAM3U4EA-CU	AT91SAM7SE256B-AU	AT91SAM9XE512B-CU
AT91SAM7S256D-MU	AT91SAM7X128C-AU	AT91SAM7SE256B-AUR	AT91SAM9XE512B-QU
ATSAM3U2CA-AU	AT91SAM7X128C-AUR	AT91SAM7SE256B-CU	

Reason for Change:

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

Change Description:

To increase manufacturing flexibility and ensure long-term continuity of supply, Atmel will manufacture devices listed above 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 does not impact reliability, soldering profiles or electrical characteristics. Qualification data is available upon request.

Copper samples can be ordered through Atmel Sample Centre by logging on to <https://samples.atmel.com/scripts/samplecenter.dll?atmel?cmd=menu>, lead time 2 to 4 weeks.

Specific ordering codes for copper samples only are shown in the table below, and are available for sample orders only until the proposed first shipment date. For all production orders, only standard existing ordering codes will be accepted.

Part number	Cu Sample Ordering Code	Part number	Cu Sample Ordering Code
AT91SAM7X512B-AU	AT91SAM7X512B-AUC	AT91SAM7X128C-CU	AT91SAM7X128C-CUC
AT91SAM7X512B-AUR	AT91SAM7X512B-AUC	AT91SAM7X128C-CUR	AT91SAM7X128C-CUC
AT91SAM7X512B-CU	AT91SAM7X512B-CUC	AT91SAM7X256C-AU	AT91SAM7X256C-AUC
AT91SAM7X512B-CUR	AT91SAM7X512B-CUC	AT91SAM7X256C-AUR	AT91SAM7X256C-AUC
AT91SAM7S128D-AU	AT91SAM7S128D-AUC	AT91SAM7X256C-CU	AT91SAM7X256C-CUC
AT91SAM7S128D-MU	AT91SAM7S128D-MUC	AT91SAM7X256C-CUR	AT91SAM7X256C-CUC
AT91SAM7S256D-AU	AT91SAM7S256D-AUC	AT91SAM7SE256B-AU	AT91SAM7SE256B-AUC
AT91SAM7S256D-MU	AT91SAM7S256D-MUC	AT91SAM7SE256B-AUR	AT91SAM7SE256B-AUC
ATSAM3U2CA-AU	ATSAM3U2CA-AUC	AT91SAM7SE256B-CU	AT91SAM7SE256B-CUC
ATSAM3U2CA-CU	ATSAM3U2CA-CUC	AT91SAM7SE256B-CUR	AT91SAM7SE256B-CUC
ATSAM3U2EA-AU	ATSAM3U2EA-AUC	AT91SAM7SE512B-AU	AT91SAM7SE512B-AUC
ATSAM3U2EA-CU	ATSAM3U2EA-CUC	AT91SAM7SE512B-AUR	AT91SAM7SE512B-AUC
ATSAM3U4CA-AU	ATSAM3U4CA-AUC	AT91SAM7SE512B-CU	AT91SAM7SE512B-CUC
ATSAM3U4CA-CU	ATSAM3U4CA-CUC	AT91SAM7SE512B-CUR	AT91SAM7SE512B-CUC
ATSAM3U4EA-AU	ATSAM3U4EA-AUC	AT91SAM9XE256B-CU	AT91SAM9XE256B-CUC
ATSAM3U4EA-CU	ATSAM3U4EA-CUC	AT91SAM9XE512B-CU	AT91SAM9XE512B-CUC
AT91SAM7X128C-AU	AT91SAM7X128C-AUC	AT91SAM9XE512B-QU	AT91SAM9XE512B-QUC
AT91SAM7X128C-AUR	AT91SAM7X128C-AUC		

Note that the **C** in sample ordering codes will not be marked on the package

Identification Method to Distinguish Change:

N/A

Qualification Data:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Samples:	☒ Available upon request via ATMEL Sample Center (www.atmel.com/samples) Lead time 2-4 weeks after Receipt of Order	☐ Will be available (mm/dd/yr):	☐ Not Applicable

Quantifiable Impact on Quality & Reliability:

N/A

Proposed First Ship Date*: July 20, 2015

**The Proposed First Ship Date is the forecasted date that a customer may expect to receive changed product. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive changed product on this date, Atmel will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.*

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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To be completed by customer:

☐ Approved

☐ Rejected (Please state reason for rejection):

Company:

Name:

Title:

Date:

Email

Address:

Location:

Comments: