

PCN Number: RC134804

Notification Date*: December 11, 2013

Title: ATSAM3U1 and ATSAM3N1- Migration to Marketing Revision Level B

Product Identification:

Current Part Number	New Part Number
ATSAM3U1CA-AU	ATSAM3U1CB-AU
ATSAM3U1CA-CU	ATSAM3U1CB-CU
ATSAM3U1EA-AU	ATSAM3U1EB-AU
ATSAM3U1EA-CU	ATSAM3U1EB-CU
ATSAM3N1AA-AU	ATSAM3N1AB-AU
ATSAM3N1AA-MU	ATSAM3N1AB-MU
ATSAM3N1BA-AU	ATSAM3N1BB-AU
ATSAM3N1BA-MU	ATSAM3N1BB-MU
ATSAM3N1CA-AU	ATSAM3N1CB-AU
ATSAM3N1CA-CU	ATSAM3N1CB-CU

Reason for Change:

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

Change Description:

SAM3U1 rev A to rev B

A complete list of differences between the marketing revision level (MRL) A and B can be found in chapter 46 of the ATSAM3U series datasheet with Atmel document reference 6430F.

Following errata have been corrected on the ATSAM3U1 rev B:

Flash: Read Flash in 64-bit Mode

ADC12B: Saturation

The ChipID has been incremented to:

SAM3U1C (Rev B) : 0x2809 0562

SAM3U1E (Rev B) : 0x2819 0562

The product is manufactured in 0.15micron embedded Flash technology in UMC Taiwan.

SAM3N1 rev A to rev B

A complete list of differences between the marketing revision level (MRL) A and B can be found in chapter 38 of the ATSAM3N series datasheet with Atmel document reference 11011B.

Following errata have been corrected on the ATSAM3U1 rev B:

Flash: Flash Programming

The ChipID has been incremented to:

SAM3N1A Revision B chip ID is 0x2938 0561

SAM3N1B Revision B chip ID is 0x2948 0561

SAM3N1C Revision B chip ID is 0x2958 0561

The product is manufactured in 0.15micron embedded Flash technology in UMC Taiwan

Identification Method to Distinguish Change:

Marketing Revision Level (MRL) has been incremented on the 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: December 4, 2013

Last Time Buy Date: March 4, 2014

Last Ship Date: December 11, 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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