



Product Change Notification

Product Change Notification Number: NC111701

Notification Date: June 21, 2011

Title: Addition of UMC Wafer Manufacturing Facility for AVR32 Microcontrollers

Product Identification:

Part number	Part number	Part number	Part number
AT32UC3A364-ALUR	AT32UC3A364S-ALUR	AT32UC3A464-C1UR	AT32UC3A464S-C1UR
AT32UC3A364-ALUT	AT32UC3A364S-ALUT	AT32UC3A464-C1UT	AT32UC3A464S-C1UT
AT32UC3A364-CTUR	AT32UC3A364S-CTUR		
AT32UC3A364-CTUT	AT32UC3A364S-CTUT		
AT32UC3A364-D	AT32UC3A364S-D		
AT32UC3A3128-ALUR	AT32UC3A3128S-ALUR	AT32UC3A4128-C1UR	AT32UC3A4128S-C1UR
AT32UC3A3128-ALUT	AT32UC3A3128S-ALUT	AT32UC3A4128-C1UT	AT32UC3A4128S-C1UT
AT32UC3A3128-CTUR	AT32UC3A3128S-CTUR		
AT32UC3A3128-CTUT	AT32UC3A3128S-CTUT		
AT32UC3A3128-D	AT32UC3A3128S-D		
AT32UC3A3256-ALUR	AT32UC3A3256S-ALUR	AT32UC3A4256-C1UR	AT32UC3A4256S-C1UR
AT32UC3A3256-ALUT	AT32UC3A3256S-ALUT	AT32UC3A4256-C1UT	AT32UC3A4256S-C1UT
AT32UC3A3256-CTUR	AT32UC3A3256S-CTUR		
AT32UC3A3256-CTUT	AT32UC3A3256S-CTUT		
AT32UC3A3256-D	AT32UC3A3256S-D		

Reason for Change: Material / Composition Design / Firmware Manufacturing Location
 Processing / Manufacturing Logistics Quality / Reliability

Change Description:

The UMC (Taiwan) wafer fabrication facility has been added for the above noted devices to ensure an uninterrupted flow of products to meet increasing customer production demands. The UMC facility will manufacture the parts to the same specifications as our former Atmel Rousset-France facility (now operated by LFoundry). UMC produced parts are compatible in form, fit, and function to the Rousset material, meet all datasheet specifications and are drop-in replacements for products currently produced in the Rousset facility.

Identification Method to Distinguish Change:

Atmel guarantees the fab traceability.

Logistics: Orders and deliveries from L-Foundry Fab will be tracked by adding a SL code:

catalog P/N + SL783

For example → AT32UC3A364-ALUR-SL783

Visual: The UMC die will be distinguished from the LFoundry die by a "D" or "Q" -prefix in the lot code. For example: D58SJ or QJ570. The lot code is marked on the top side of the part.

The silicon revision printed as last digit of the date code. For example: 1122H. The date code is marked on the top side of the part.

Electrical: The silicon-revision field of the JTAG-ID code will differ to reflect silicon revision.

Qualification Data:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
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Samples:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
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Quantifiable Impact on Quality & Reliability:

No impact.

Proposed First Ship Date*: September 27, 2011

**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.*

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CUSTOMER ACKNOWLEDGEMENT OF RECEIPT: Atmel requests you acknowledge receipt of this PCN. Please complete and email to the Atmel Contact listed above. In your acknowledgement, you can grant approval or request additional information. **Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.**

Company:	
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Comments:	