



Product Change Notification

Product Change Notification Number: NC110601

Notification Date: March 4, 2011

Title: Addition of UMC Wafer Manufacturing Facility for AVR32 Microcontrollers Controllers

Product Identification:

Part number	Part number	Part number
AT32UC3A0128-ALUR	AT32UC3A1128-AUT	AT32UC3B0256-Z2UR
AT32UC3A0128-ALUT	AT32UC3A1256-AUR	AT32UC3B0256-Z2UT
AT32UC3A0128-CTUR	AT32UC3A1256-AUT	AT32UC3B0256-W
AT32UC3A0128-CTUT	AT32UC3A1512-AUR	AT32UC3B164-AUR
AT32UC3A0256-ALUR	AT32UC3A1512-AUT	AT32UC3B164-AUT
AT32UC3A0256-ALUT	AT32UC3B064-A2UR	AT32UC3B164-Z1UR
AT32UC3A0256-CTUR	AT32UC3B064-A2UT	AT32UC3B164-Z1UT
AT32UC3A0256-CTUT	AT32UC3B064-Z2UR	AT32UC3B1128-AUR
AT32UC3A0256-DDW	AT32UC3B064-Z2UT	AT32UC3B1128-AUT
AT32UC3A0512-ALUR	AT32UC3B0128-A2UR	AT32UC3B1128-Z1UR
AT32UC3A0512-ALUT	AT32UC3B0128-A2UT	AT32UC3B1128-Z1UT
AT32UC3A0512-CTUR	AT32UC3B0128-Z2UR	AT32UC3B1256-AUR
AT32UC3A0512-CTUT	AT32UC3B0128-Z2UT	AT32UC3B1256-AUT
AT32UC3A0512-DDW	AT32UC3B0256-A2UR	AT32UC3B1256-Z1UR
AT32UC3A1128-AUR	AT32UC3B0256-A2UT	AT32UC3B1256-Z1UT

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:

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.

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

Qualification Data: Available Will be available (mm/dd/yr): Not Applicable

Samples:	<input type="checkbox"/> Available	<input checked="" type="checkbox"/> Will be available: 03/17/2011	<input type="checkbox"/> Not Applicable
Quantifiable Impact on Quality & Reliability: No impact.			
Proposed First Ship Date*: June 4, 2011 <i>*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.</i>			
Atmel Contact: pcnadm@atmel.com			
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