



# Product Change Notification

**Product Change Notification Number: NC105103**

**Notification Date: January 24, 2011**

<b>Title:</b> Add UMC Foundry (Taiwan) as the Second Wafer Fab Source for the AT32UC3A0512 Automotive			
<b>Product Identification:</b> AT32UC3A0512-ALTRA, AT32UC3A0512-ALTTA			
<b>Reason for Change:</b>	<input type="checkbox"/> Material / Composition	<input type="checkbox"/> Design / Firmware	<input checked="" type="checkbox"/> Manufacturing Location
	<input type="checkbox"/> Processing / Manufacturing	<input type="checkbox"/> Logistics	<input type="checkbox"/> Quality / Reliability
<b>Change Description:</b> <p>In order to increase the delivery capacity and to ensure an uninterrupted flow to meet customer production demands, Atmel is adding UMC Foundry (Taiwan) as second manufacturing location for the above listed products. Therefore these products will be manufactured at two different locations, Lfoundry GmbH Rousset, France (Former Atmel owned wafer fab) and UMC Fab8, Taiwan.</p> <p>The UMC facility will manufacture the parts according to the same specifications as our former Atmel Rousset-France facility. Parts produced in UMC will be compatible in form, fit, and function to the Rousset material. They will meet all datasheet specifications and will be drop-in replacements for products currently produced in the Rousset facility.</p>			
<b>Identification Method to Distinguish Change:</b> <p>UMC material may be delivered from date code 1127 onwards.</p> <p>The UMC die will be distinguished from the LFoundry die by a "D" or "Q" prefix in the lot code. For example: lot D597C.1 will be a manufacturing lot from UMC. The lot code is marked on the top side of the part.</p> <p>The silicon revision field of the JTAG ID code will be changed from 0xA1edc03f to 0xB1edc03f to reflect wafer fab location at UMC.</p>			
<b>Qualification Data:</b>	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
<b>Samples:</b>	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
<b>Quantifiable Impact on Quality &amp; Reliability:</b> None			
<b>Proposed First Ship Date*:</b> July 7, 2011 <p><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></p>			
<b>Atmel Contact:</b> pcnadm@atmel.com			
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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.**

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