



Product Change Notification

Product Change Notification Number: RC052201

Date: June 3, 2005

Title: Transition to Green version of AT91 ARM-based MCUs in QFP packages.

Product Identification:

AT91M40800-33AI; AT91R40008-66AI; AT91M42800A-33AI; AT91M55800A-33AI; AT91RM9200-QI-002
See attached table for replacement part number.

Reason for Change:

- | | | |
|---|--|--|
| <input type="checkbox"/> Design | <input type="checkbox"/> Processing | <input type="checkbox"/> Logistics |
| <input type="checkbox"/> Manufacturing Location | <input type="checkbox"/> Quality/Reliability | <input checked="" type="checkbox"/> Material |

Change Description:

In response to worldwide environmental regulations and as an environmentally responsible company, Atmel is transitioning its AT91 ARM-based microcontrollers in QFP package recommended for new designs to "Green" material sets. Atmel defines "Green" as RoHS compliant, Pb-free and halogenated compound-free. All these products will maintain the same MSL level as previously achieved in the "I" version, which is MSL 3 at 260C max reflow temperature. Atmel has fully qualified these packages in conformance to JEDEC STD 020C and will label shipping containers in accordance with JESD97. All Atmel Green QFP packages are "backward compatible" with standard Pb-Sn containing solder paste. Please refer to Atmel's url site regarding Green Packaging FAQ's: www.atmel.com/quality/acrobat/GREEN_RoHS_FAQ.pdf

Identification Method to Distinguish Change:

All parts formerly designated with the standard Industrial Grade of "I" will now be assigned and marked with a "U" designator.

- | | | | |
|----------------------------|---|---|---|
| Qualification Data: | <input checked="" type="checkbox"/> available | <input type="checkbox"/> will be available in WW___ | <input type="checkbox"/> not applicable |
| Samples: | <input checked="" type="checkbox"/> available | <input type="checkbox"/> will be available in WW___ | <input type="checkbox"/> not applicable |

Quantifiable Impact on Quality & Reliability:

No Impact

Estimated Implementation Date*: Green-compliant package offerings are available immediately.

Last Time Buy Date: September 30, 2005

Last Ship Date: December 28, 2005

*The Estimated Implementation 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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Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice. All correspondence must be sent to the Atmel Contact e-mail address listed above.

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Attachment A

<i>Current Part Number</i>	<i>Replacement Part Number</i>
AT91M40800-33AI	AT91M40800-33AU
AT91R40008-66AI	AT91R40008-66AU
AT91M42800A-33AI	AT91M42800A-33AU
AT91M55800A-33AI	AT91M55800A-33AU
AT91RM9200-QI-002	AT91RM9200-QU-002