



# Product Change Notification

**Product Change Notification Number:** SC054701

**Date:** December 2, 2005

**Title:** 4Mbit 5-Volt Flash Memory Technology Migration

**Product Identification:**

The change applies to all AT49F040A-xxxx devices.

**Reason for Change:**

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

**Change Description:**

Atmel 4Mbit 5-Volt Flash has undergone a migration from the current 0.25µm process to the 0.18µm process.

**Identification Method to Distinguish Change:**

For the 0.18µm devices, the "B" suffix prior to the dash in the part number is used to distinguish them from the previous versions noted by the letter "A."

The full listing of part numbers affected by this change and their respective recommended replacements are summarized on the following page. Please note that with the introduction of the 0.18µm shrink part numbers, Atmel will only offer green packaging options. The green TSOP and PLCC packages are backward compatible to a Pb-based board mounting process.

As previously announced, these 0.18µm products are manufactured in an outside foundry.

**Qualification Data:**

- |                                    |   |
|------------------------------------|---|
| <input type="checkbox"/> available | <input checked="" type="checkbox"/> will be available in WW52 |
|------------------------------------|---|

**Samples:**

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

**Quantifiable Impact on Quality & Reliability:**

None

**Estimated Implementation Date\*:**

**Production Date:** January 2, 2006  
**Last Time Buy Date:** April 2, 2006  
**Last Delivery Date:** July 2, 2006

**Please note that all orders placed after November 28, 2005 are non-cancellable and not returnable.**

\*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.

**Atmel Contact:** pcnadm@atmel.com

**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 Quality Contact e-mail address listed above.**

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**Part numbers affected by the Product Change Notification Number SC054701:**

0.25 $\mu$ m EOL Products	0.18 $\mu$ m Replacements
AT49F040A-55JI	AT49F040B-55JU
AT49F040A-55JU	AT49F040B-55JU
AT49F040A-55TI	AT49F040B-55TU
AT49F040A-55TU	AT49F040B-55TU
AT49F040A-70JI	AT49F040B-55JU
AT49F040A-70JU	AT49F040B-55JU
AT49F040A-70TI	AT49F040B-55TU
AT49F040A-70TU	AT49F040B-55TU