



Product Change Notification

Product Change Notification Number: SC053602

Date: September 9, 2005

Title: 32Mbit Flash Shrink and Redesign

Product Identification:

The change applies to all AT49BV320C and AT49BV322A device series.

Reason for Change:

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

Change Description:

Atmel's 32Mbit single-plane flash has undergone a redesign and a shrink from the current 0.18µm process to the 0.13µm process.

Identification Method to Distinguish Change:

For the 0.13µm devices, the "D" suffix has been added to distinguish it from the previous revision parts.

The full listing of part numbers affected by this change and their respective recommended replacements are summarized on the following page. The products with the designation of "No replacement available" are being discontinued due to lack of customer demand.

Please note that with the introduction of the 0.13µm shrink part numbers, Atmel will only offer Green packaging options.

Qualification Data:

- | | |
|------------------------------------|---|
| <input type="checkbox"/> available | <input checked="" type="checkbox"/> will be available in WW39 |
|------------------------------------|---|

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: September 26, 2005

Last Time Buy Date: March 26, 2006

Last Delivery Date: June 26, 2006

Please note that all orders placed after September 8, 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 SC053602:

0.18μm Products	0.13μm Replacements
AT49BV320C-70CI	No replacement available
AT49BV320C-70CU	No replacement available
AT49BV320C-70TI	AT49BV320D-70TU
AT49BV320C-70TU	AT49BV320D-70TU
AT49BV320CT-70CI	No replacement available
AT49BV320CT-70CU	No replacement available
AT49BV320CT-70TI	No replacement available
AT49BV322A-70CI	AT49BV322D-70CU
AT49BV322A-70CU	AT49BV322D-70CU
AT49BV322A-70TI	AT49BV322D-70TU
AT49BV322A-70TU	AT49BV322D-70TU
AT49BV322A-W	AT49BV322D-W
AT49BV322AT-70CI	AT49BV322DT-70CU
AT49BV322AT-70CU	AT49BV322DT-70CU
AT49BV322AT-70TI	AT49BV322DT-70TU
AT49BV322AT-70TU	AT49BV322DT-70TU