



## Product Change Notification

**Product Change Notification Number: SC081801**

**Date: July 15, 2008**

**Title:** Gold Wire Diameter Reduction for SOIC (.150" and .208"), and QFN/DFN for Serial Flash and Microcontroller Products

**Product Identification:**

[See Attachment A](#)

**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:**

The gold wire diameter will be reduced from 1.0 mil to 0.8 mil. All SOIC (.150" and .208" body sizes), and QFN/DFN packages will be converted to start using 0.8 mil Gold wire diameter at all the assembly sites that are qualified to assemble these packages.

**Identification Method to Distinguish Change:**

Date code 0840

**Qualification Data:**

- |                                    |  |   |
|------------------------------------|--|---|
| <input type="checkbox"/> available | <input checked="" type="checkbox"/> will be available on July 31, 2008 | <input type="checkbox"/> not applicable |
|------------------------------------|--|---|

**Samples:**

- |                                    |   |   |
|------------------------------------|---|---|
| <input type="checkbox"/> available | <input checked="" type="checkbox"/> Contact Factory | <input type="checkbox"/> not applicable |
|------------------------------------|---|---|

**Quantifiable Impact on Quality & Reliability:**

None

**Proposed First Ship Date\*:** October 16, 2008

*\*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.*

**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 Atmel Contact e-mail address listed above.

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### Attachment A

Part Number	Part Number	Part Number	Part Number	Part Number
AT25DF041A-SH-B	AT45DB081D-MU-2.5	ATMEGA325P-20MU	ATMEGA88PV-10MU	ATTINY26-16SU
AT25DF041A-SH-T	AT45DB081D-SSU	ATMEGA325PV-10MU	ATMEGA88V-10MU	ATTINY261-20MU
AT25DF041A-SHF-T	AT45DB081D-SSU-2.5	ATMEGA325PV-8MU	ATMEGA8L-8MU	ATTINY861V-10SU
AT25DF041A-SSH-B	AT45DB081D-SU	ATMEGA325V-8MU	ATTINY12-8SU	ATTINY261-20SU
AT25DF041A-SSH-T	AT45DB081D-SU-2.5	ATMEGA328P-20MU	ATTINY12L-4SU	ATTINY261V-10MU
AT25DF041A-SSHF-B	AT45DB161D-MU	ATMEGA328PV-10MU	ATTINY12V-1SU	ATTINY261V-10SU
AT25DF041A-SSHF-T	AT45DB161D-SU	ATMEGA329-16MU	ATTINY13-20MU	ATTINY26L-8MU
AT25DF321-SU	AT45DB161D-SU-2.5	ATMEGA329P-16MU	ATTINY13-20SQ	ATTINY26L-8SU
AT25DF321-S3U	AT45DB321D-SU	ATMEGA329P-20MU	ATTINY13-20SSQ	ATTINY28L-4MU
AT25DF641-MWH-T	AT45DSP041D-SU	ATMEGA329PV-10MU	ATTINY13-20SSU	ATTINY28V-1MU
AT25DF641-MWH-Y	AT45DSP081D-SU	ATMEGA329PV-8MU	ATTINY13-20SU	ATTINY44-20MU
AT26DF081A-SSU	AT45DSP161D-SU	ATMEGA329V-8MU	ATTINY13A-20MU	ATTINY44-20SSU
AT26DF081A-SU	ATMEGA128-16MU	ATMEGA32L-8MU	ATTINY13A-20SSU	ATTINY44V-10MU
AT26DF161-SU	ATMEGA1281-16MU	ATMEGA48-20MU	ATTINY13A-20SU	ATTINY44V-10SSU
AT26DF161A-MU	ATMEGA128L-8MU	ATMEGA48P-20MU	ATTINY13A-SSU	ATTINY45-20MU
AT26DF161A-SSU	ATMEGA16-16MU	ATMEGA48PV-10MU	ATTINY13A-SU	ATTINY45-20SU
AT26DF161A-SU	ATMEGA162-16MU	ATMEGA48V-10MU	ATTINY13V-10MU	ATTINY45V-10MU
AT26DF321-SU	ATMEGA162V-8MU	ATMEGA64-16MU	ATTINY13V-10SSU	ATTINY45V-10SU
AT45BCM021D-SU	ATMEGA164P-20MU	ATMEGA644-20MU	ATTINY13V-10SU	ATTINY461-20MU
AT45DB011D-MH-T	ATMEGA164PV-10MU	ATMEGA644P-20MU	ATTINY2313-20MU	ATTINY461-20SU
AT45DB011D-MH-Y	ATMEGA165P-16MU	ATMEGA644PV-10MU	ATTINY2313-20SU	ATTINY461V-10MU
AT45DB011D-SH-B	ATMEGA165PV-8MU	ATMEGA644V-10MU	ATTINY2313V-10MU	ATTINY461V-10SU
AT45DB011D-SH-T	ATMEGA168-20MQ	ATMEGA645-16MU	ATTINY2313V-10SU	ATTINY48-12MU
AT45DB011D-SSH-B	ATMEGA168-20MU	ATMEGA645V-8MU	ATTINY24-20MU	ATTINY48V-6MU
AT45DB011D-SSH-T	ATMEGA168P-20MU	ATMEGA649-16MU	ATTINY24-20SSU	ATTINY84-20MU
AT45DB021D-SH-T	ATMEGA168PV-10MU	ATMEGA649V-8MU	ATTINY24V-10MU	ATTINY84-20SSU
AT45DB021D-SH-B	ATMEGA168V-10MU	ATMEGA64L-8MC	ATTINY24V-10SSU	ATTINY84V-10MU
AT45DB021D-SSH-T	ATMEGA169P-16MU	ATMEGA64L-8MQ	ATTINY25-20MU	ATTINY84V-10SSU
AT45DB021D-SSH-B	ATMEGA169PV-8MU	ATMEGA64L-8MU	ATTINY25-20SI	ATTINY85-20MU
AT45DB041D-MU	ATMEGA16L-8MU	ATMEGA8-16MU	ATTINY25-20SSU	ATTINY85-20SU
AT45DB041D-MU-2.5	ATMEGA2561-16MU	ATMEGA8515-16MU	ATTINY25-20SU	ATTINY85V-10MU
AT45DB041D-SSU	ATMEGA2561V-8MU	ATMEGA8515L-8MU	ATTINY25V-10MU	ATTINY85V-10SU
AT45DB041D-SSU-2.5	ATMEGA32-16MU	ATMEGA8535-16MU	ATTINY25V-10SSU	ATTINY861-20MU
AT45DB041D-SU	ATMEGA324P-20MU	ATMEGA8535L-8MU	ATTINY25V-10SU	ATTINY861-20SU
AT45DB041D-SU-2.5	ATMEGA324PV-10MU	ATMEGA88-20MU	ATTINY26-16MQ	ATTINY861V-10MU
AT45DB081D-MU	ATMEGA325-16MU	ATMEGA88P-20MU	ATTINY26-16MU	