



Product Change Notification

Product Change Notification Number: CC114103

Notification Date: October 20, 2011

Title: Serial EEPROM Cu Wire Bond Change on 8 Lead SOIC and TSSOP Packages

Product Identification:

All Atmel Industrial Grade 2-Wire (AT24Cxxxx) and 3-Wire (AT93C46xx) SEEPROM products manufactured in the TSSOP and SOIC packages (all pin count variations).

This is the listing for standard datasheet offering, PCN also applies to all (customer specific) special CAN part numbers that are not listed in the table below:

Affected Products	Affected Products	Affected Products
AT24C512C-SSHM-B	AT24C128C-XHM-B	AT24C02C-SSHM-B
AT24C512C-SSHM-T	AT24C128C-XHM-T	AT24C02C-SSHM-T
AT24C512C-SSHD-B	AT24C64D-SSHM-B	AT24C02C-XHM-B
AT24C512C-SSHD-T	AT24C64D-SSHM-T	AT24C02C-XHM-T
AT24C512C-XHM-B	AT24C64D-XHM-B	AT93C46DN-SH-B
AT24C512C-XHM-T	AT24C64D-XHM-T	AT93C46DN-SH-T
AT24C512C-XHD-B	AT24C32D-SSHM-B	AT93C46D-TH-B
AT24C512C-XHD-T	AT24C32D-SSHM-T	AT93C46D-TH-T
AT24C256C-SSHL-B	AT24C32D-XHM-B	AT93C46EN-SH-B
AT24C256C-SSHL-T	AT24C32D-XHM-T	AT93C46EN-SH-T
AT24C256C-XHL-B	AT24C16C-SSHM-B	AT93C46E-TH-B
AT24C256C-XHL-T	AT24C16C-SSHM-T	AT93C46E-TH-T
AT24C128C-SSHM-B	AT24C16C-XHM-B	
AT24C128C-SSHM-T	AT24C16C-XHM-T	

Reason for Change:

☒ Material / Composition

☐ Design / Firmware

☐ Manufacturing Location

☐ Processing / Manufacturing

☐ Logistics

☐ Quality / Reliability

Change Description:

Atmel will be changing the bond wire material from Au to Cu. The introduction of Cu Wire will enable Atmel to increase manufacturing flexibility and ensuring long term continuity of supply. Atmel reserves the right to ship devices with either Au or Cu.

Identification Method to Distinguish Change:

None. Devices are a form, fit and function equivalent of the current devices, which meet all databook specifications.

Qualification Data:

☒ Available

☐ Will be available (mm/dd/yr):

☐ Not Applicable

ATMEL Colorado Springs • 1150 E, Cheyenne Mtn, Blvd Colorado Springs • CO 80906 USA

Samples:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Quantifiable Impact on Quality & Reliability: None			
Proposed First Ship Date*: January 25, 2012 or upon customer approval after November 25, 2011. <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>			
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Company: Name: Title: Date: Email Address: Location: Comments:	