



# Product Change Notification

**Product Change Notification Number: SC110403**

**Notification Date: February 14, 2011**

**Title:**

Gold Bond Wire Diameter Reduction for all 8 bit Microcontroller / AVR / Quantum Research & ASIC Products (except ATF1508RE(AT58266) and Mil/ceramic parts) – Applicable to all SOIC (including 20 pins and higher pin counts), TQFP, QFN/DFN and PDIP Packages

**Product Identification:**

Part Number	Part Number	Part Number	Part Number
AT89C2051-12SU	ATTINY2313A-SU	ATTINY861-20SU	QT6C12B-ASG
AT89C2051-24SU	ATTINY2313A-SUR	ATTINY861-20SUR	QT6C13-ASG
AT89C4051-12SU	ATTINY2313V-10SU	ATTINY861A-SU	QT6C21-ASG
AT89C4051-24SU	ATTINY2313V-10SUR	ATTINY861A-SUR	QT14C10-ISG
AT89LP2052-20SU	ATTINY261-20SU	ATTINY861V-10SU	AT42QT1110-AU
AT89LP2052W-10SU	ATTINY261-20SUR	ATTINY88V-6MMU	AT42QT12C19-AU
AT89LP4052-20SU	ATTINY26-16SU	ATTINY84-20MU	AT42QT5480-AU
AT89LP4052W-10SU	ATTINY26-16SUR	ATTINY84V-10MU	AT42QT5480-MU-W
AT89S2051-24SU	ATTINY261A-SU	ATMEGA328P-ANR	AT42QT2160-MMU
AT89S4051-24SU	ATTINY261A-SUR	ATMEGA16-16AU	ATF16V8BQL-15SU
AT90PWM1-16SU	ATTINY261V-10SU	ATMEGA169-16AU	ATF750CL-15SU
AT90PWM216-16SU	ATTINY261V-10SUR	ATMEGA329P-20ANR	ATF750LVC-15SU
AT90PWM216-16SUR	ATTINY26L-8SU	QT300-ISG	ATF22V10C-10SU
AT90PWM2-16SQ	ATTINY26L-8SUR	QT310-ISG	ATF750CL-15PU
AT90PWM2-16SQR	ATTINY4313-SU	QT320-ISG	ATF22V10C-15PU
AT90PWM2B-16SU	ATTINY43U-SU	QT113B-ISG	ATF22V10CQZ-20PU
AT90PWM2B-16SUR	ATTINY43U-SUR	QT60168-ASG	ATF1504AS-10AU100
AT90PWM316-16SU	ATTINY461-20SU	QT16C01-ASG	ATF1508AS-10AU100
AT90PWM316-16SUR	ATTINY461-20SUR	QT60161B-ASG	ATF1508ASV-15AU100
AT90PWM3B-16SU	ATTINY461A-SU	QT60326-ASG	ATF1504AS-10AU44
AT90PWM3B-16SUR	ATTINY461A-SUR	QT60486-ASG	ATF750C-10PU
ATTINY2313-20SU	ATTINY461V-10SU	QT6C02-ASG	
ATTINY2313-20SUR	ATTINY461V-10SUR	QT6C03-ASG	

**Reason for Change:**  Material / Composition  Design / Firmware  Manufacturing Location  
 Processing / Manufacturing  Logistics  Quality / Reliability

**Change Description:**

Atmel is implementing 0.8mil wire for all SOIC (including 20 pins & higher pin counts), TQFP, QFN/DFN and PDIP(except 40 pins which will convert to 1.0 mil Au wire from 1.2 mil) packages at all the assembly sites that are qualified by Atmel to assemble these packages.

**Identification Method to Distinguish Change:**

Date code later than WW 1115

<b>Qualification Data:</b>	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
<b>Samples:</b>	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable

**Quantifiable Impact on Quality & Reliability:**  
None

**Proposed First Ship Date\*:** May 14, 2011  
*\*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

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**CUSTOMER ACKNOWLEDGEMENT OF RECEIPT:** Atmel requests you acknowledge receipt of this PCN. Please complete and email to the Atmel Contact listed above. In your acknowledgement, you can grant approval or request additional information. **Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.**

Company: Name: Title: Date: Email Address: Location: Comments:	
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