



Product Change Notification

Product Change Notification Number: SC110403A (REVISED 3/18/11) **Notification Date:** February 14, 2011
See Added Part Numbers Below

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	ATF1508ASL-25AU100
ATTINY2313-20SUR	ATTINY461V-10SUR	QT6C03-ASG	ATF1508ASVL-20AU100
ATTiny44V-10MU	QT8C04-ASG	ATF1502AS-10AU44	ATF16V8B-15PU
QT14C10-ISG	QT9C02-ISG	ATF1502AS-7AX44	ATF16V8B-15SU
QT411A-ISSG	AT42QT5320-MU	ATF1502ASL-25AU44	ATF16V8BQL-15PU
QT5C07A-ISSG	AT42QT4120-MU	ATF1502ASV-15AU44	ATF16V8C-7PU
QT11C12-ISG	AT42QT4160-MU	ATF1502BE-5AX44	ATF16V8C-7SU

QT12C17-IS44G	AT42QT1110-MU	ATF1502BE-7AU44	ATF16V8CZ-15PU
QT3E04-ISG	AT42QT1060-MMU	ATF1504AS-7AX100	ATF16V8CZ-15SU
QT60160-ISG	AT42QT11C12-MU	ATF1504AS-7AX44	ATF20V8B-10PU
QT60240-ISG	AT42QT12C18-MMU	ATF1504ASL-25AU100	ATF20V8BQL-15PU
QT12M06-IS44G	AT42QT12C23-MMU	ATF1504ASL-25AU44	ATF22LV10C-10PU
QT12M06-ISG	AT42QT16C06-MU	ATF1504ASV-15AU100	ATF22LV10C-10SU
QT12M09-IS44G	AT42QT23C01-MU	ATF1504ASV-15AU44	ATF22LV10C-15PU
QT12M09-ISG	AT42QT11C16-MU	ATF1504ASVL-20AU100	ATF22LV10CQZ-30PU
QT16C02-ISG	AT42QT11C17-MU	ATF1504ASVL-20AU44	ATF22LV10CQZ-30SU
QT16C03-ISG	AT42QT2161-MMU	ATF1504BE-5AX100	ATF22V10C-10PU
QT60050-ISG	AT42QT1111-MU	ATF1504BE-5AX44	ATF22V10C-7PX
QT60160-ATG	AT42QT1111-AU	ATF1504BE-7AU100	ATF22V10C-7SX
QT703-ISG	ATF1500A-10AU	ATF1504BE-7AU44	ATF22V10CQZ-20SU
QT8C02-ASG	ATF1500AL-20AU	ATF1508AS-7AX100	

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

Qualification Data: Available Will be available (mm/dd/yr): Not Applicable

Samples: Available Will be available (mm/dd/yr): 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.*

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