



Product Change Notification

Product Change Notification Number: **WC121501**

Notification Date: May 2, 2012

Title: Addition of SMIC (Semiconductor Manufacturing International Corp., China) Wafer Fabrication Facility for Selected AVR Product Manufacturing in Addition to Current Atmel Colorado Springs Wafer Fabrication

Product Identification:

Part Number	Part Number	Part Number	Part Number	Part Number
ATMEGA1280-16AU	ATMEGA1281V-8MUR	ATMEGA640-16AU	ATTINY24A-MMHR	ATTINY44A-CCUR
ATMEGA1280-16AUR	ATMEGA168-20AU	ATMEGA640-16AUR	ATTINY24A-MU	ATTINY44A-MF
ATMEGA1280-16CU	ATMEGA168-20AUR	ATMEGA640-16CU	ATTINY24A-MUR	ATTINY44A-MFR
ATMEGA1280-16CUR	ATMEGA168-20MU	ATMEGA640-16CUR	ATTINY24A-PU	ATTINY44A-MMH
ATMEGA1280V-8AU	ATMEGA168-20MUR	ATMEGA640V-8AU	ATTINY24A-SSF	ATTINY44A-MMHR
ATMEGA1280V-8AUR	ATMEGA168-20PU	ATMEGA640V-8AUR	ATTINY24A-SSFR	ATTINY44A-MU
ATMEGA1280V-8CU	ATMEGA168-20MQ	ATMEGA640V-8CU	ATTINY24A-SSN	ATTINY44A-MUR
ATMEGA1280V-8CUR	ATMEGA168-20MQR	ATMEGA640V-8CUR	ATTINY24A-SSNR	ATTINY44A-PU
ATMEGA1281-16AU	ATMEGA168V-10AU	ATTINY24A-CCU	ATTINY24A-SSU	ATTINY44A-SSF
ATMEGA1281-16AUR	ATMEGA168V-10AUR	ATTINY24A-CCUR	ATTINY24A-SSUR	ATTINY44A-SSFR
ATMEGA1281-16MU	ATMEGA168V-10MU	ATTINY24A-MF	ATTINY44A-20MMU	ATTINY44A-SSN
ATMEGA1281-16MUR	ATMEGA168V-10MUR	ATTINY24A-MFR	ATTINY44A-20MU	ATTINY44A-SSNR
ATMEGA1281V-8AU	ATMEGA168V-10PU	ATTINY24A-MM8	ATTINY44A-20PU	ATTINY44A-SSU
ATMEGA1281V-8AUR	ATMEGA168V-10MQ	ATTINY24A-MM8R	ATTINY44A-20SSU	ATTINY44A-SSUR
ATMEGA1281V-8MU	ATMEGA168V-10MQR	ATTINY24A-MMH	ATTINY44A-CCU	

Reason for Change:

☐ Material / Composition	☐ Design / Firmware	☒ Manufacturing Location
☐ Processing / Manufacturing	☐ Logistics	☐ Quality / Reliability

Change Description:

The SMIC wafer fabrication facility has been added for the above noted devices to ensure an uninterrupted flow of product to meet customer production demands. The facility will manufacture the parts to the same specification as our Colorado Springs (US) wafer fab site and will meet all the datasheet parameters. The SMIC parts will be compatible in form, fit, and function to the Colorado Springs material and will also be a drop-in replacement to products that are currently being produced in the Colorado Springs facility.

Identification Method to Distinguish Change:

For packages where space allows for die ID to be part of marking, SMIC material is identified with the fourth character being V or G (ex 354**V**x, 355**G**x).

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*: July 15, 2012

**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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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: