



Product Change Notification

Product Change Notification Number: WC112604

Notification Date: July 12, 2011

Title: Addition of SMIC (China) Wafer Fabrication Facility for Selected AVR Product Manufacturing in Addition to Current Atmel Colorado Springs Wafer Fab

Product Identification:

ATmega644P-20AQ	ATmega644P-20AU	ATmega644P-20MQ	ATmega644P-20MU
ATmega644P-20AQR	ATmega644P-20AUR	ATmega644P-20MQR	ATmega644P-20MUR
ATmega644P-20PQ	ATmega644PV-10AQ	ATmega644PV-10AU	ATmega644PV-10MQ
ATmega644P-20PU	ATmega644PV-10AQR	ATmega644PV-10AUR	ATmega644PV-10MQR
ATmega644PV-10MU	ATmega644PV-10PQ	ATmega644PV-10MUR	ATmega644PV-10PU
ATmega644PR212-AU	ATmega644PR212-MU	ATmega644PR231-AU	ATmega644PR231-MU

Reason for Change:

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

Change Description:

The SMIC (China) 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) 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:

The wafer fabrication location is identifiable by the Die-ID printed on the packages. Devices from Atmel Colorado Springs are marked 355C9, while devices from SMIC are marked 355G0.

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*: October 1, 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

Information provided herein is in connection with Atmel products and this information is provided "AS IS". Atmel assumes no responsibility for any errors that may appear in this document. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Atmel's Terms and Conditions of Sale for such products, Atmel assumes no liability whatsoever, and Atmel disclaims any express or implied warranty, including liability or warranties relating to fitness for a particular purpose, merchantability, or non-infringement of any patent, copyright or other intellectual property right. Atmel products are not intended for use in a product or system intended to support or sustain life which, if it fails, can be reasonably expected to result in significant personal injury. Atmel may make changes to specifications and product descriptions at any time, without notice.

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: