



Product Change Notification

Product Change Notification Number: SC073701

Date: October 9, 2007

Title: AT89S8253 Design Revision

Product Identification:

Part Number	Part Number	Part Number
AT89S8253-24AC	AT89S8253-24AI	AT89S8253-24AU
AT89S8253-24JC	AT89S8253-24JI	AT89S8253-24JU
AT89S8253-24PC	AT89S8253-24PI	AT89S8253-24PU
AT89S8253-24PSC	AT89S8253-24PSI	AT89S8253-24PSU

Reason for Change:

Design

Manufacturing Location

Processing

Quality/Reliability

Logistics

Material

Change Description:

The following improvements have been implemented:

1. Optimize the operation of the internal Pierce oscillator for a faster start-up time and higher gain.
2. Decrease Icc current consumption in the Power-Down mode when the External Clock mode is selected.
3. Improve synchronization timing of the SPI (Serial Peripheral Interface) communication channel.

Identification Method to Distinguish Change:

The "R" character in the top line on the bottom-side marking was changed to "V".

Qualification Data:

available

will be available in December 2007

not applicable

Samples:

available

will be available in November 2007

not applicable

Quantifiable Impact on Quality & Reliability:

None

Proposed First Ship Date*: January 8, 2008

**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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Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice. All correspondence must be sent to the Atmel Contact e-mail address listed above.

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