



Product Change Notification

Product Change Notification Number: **SC103602A (REVISED 04/01/11)**
See Change and Added Text Below

Notification Date: Sept. 22, 2010

Title: Microcontroller Part Number Change, SL383 Replaced by Part Number “R” Suffix

Product Identification:

Some minor corrections made to the list of devices in Appendix A.

Reason for Change:

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

Change Description:

SL383, used to specify Tape and Reel delivery of Atmel AVR microcontrollers, is now replaced by an “R”-suffix to the Atmel Part Number.

AVR datasheets are updated with the new ordering information.

Identification Method to Distinguish Change:

There are no changes to part markings. Shipping labels and reels are marked with complete Atmel Part Number, including the “R”-suffix.

Qualification Data:

☐ available	☐ will be available in WW ____	☒ not applicable
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Samples:

☐ available	☐ will be available in WW ____	☒ not applicable
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Quantifiable Impact on Quality & Reliability:

None

Proposed First Ship Date*: **May 2011**

NOTE: This is not an obsolescence notification this is a conversion of the part number nomenclature change.

On the First Ship Date the following will be in effect.

1. Atmel will no longer accept orders for SL383 for products listed in this PCN as May 1st, 2011.
2. All customer backlog on the listed PCN Part Numbers that is scheduled to ship after May 1, 2011 needs to be converted by the Customer to the “R” version of the listed part by April 29th, 2011 or sooner.
3. Backlog scheduled to ship prior to May 1st, 2011 will be shipped as SL383 on the listed PCN Part Numbers.
4. All Debits for existing inventory of SL383 products will be allowed
5. Debits will be issued as needed for all existing inventory for SL383 products until such inventory has been depleted.
6. Registrations must be updated to add “R” parts by Registration Owner.

*** Note 4-6 Pertain to Distribution Only**

**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

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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Appendix A

Current Ordering Code	New Ordering Code
ATmega1280-16AU	ATmega1280-16AUR
ATmega1280V-8AU	ATmega1280V-8AUR
ATmega1280V-8CU	ATmega1280V-8CUR
ATmega1281-16AU	ATmega1281-16AUR
ATmega1281-16MU	ATmega1281-16MUR
ATmega128-16AU	ATmega128-16AUR
ATmega128-16MU	ATmega128-16MUR
ATmega1281V-8AU	ATmega1281V-8AUR
ATmega1281V-8MU	ATmega1281V-8MUR
ATmega1284P-AU	ATmega1284P-AUR
ATmega1284P-MU	ATmega1284P-MUR
ATmega128L-8AU	ATmega128L-8AUR
ATmega128L-8MU	ATmega128L-8MUR
ATmega16-16AQ	ATmega16-16AQR
ATmega16-16AU	ATmega16-16AUR
ATmega16-16MU	ATmega16-16MUR
ATmega162-16AU	ATmega162-16AUR
ATmega162V-8AU	ATmega162V-8AUR
ATmega162V-8MU	ATmega162V-8MUR
ATmega164P-20AU	ATmega164P-20AUR
ATmega164P-20MU	ATmega164P-20MUR
ATmega164PA-AN	ATmega164PA-ANR
ATmega164PA-AU	ATmega164PA-AUR
ATmega164PA-CU	ATmega164PA-CUR
ATmega164PA-MCH	ATmega164PA-MCHR
ATmega164PA-MU	ATmega164PA-MUR
ATmega164PV-10AQ	ATmega164PV-10AQR
ATmega164PV-10AU	ATmega164PV-10AUR
ATmega164PV-10MU	ATmega164PV-10MUR
ATmega165P-16AU	ATmega165P-16AUR
ATmega165PA-AU	ATmega165PA-AUR
ATmega165PA-MU	ATmega165PA-MUR
ATmega165PV-8AU	ATmega165PV-8AUR
ATmega168-20AU	ATmega168-20AUR

Current Ordering Code	New Ordering Code
ATmega168-20MU	ATmega168-20MUR
ATmega168A-MMH	ATmega168A-MMHR
ATmega168P-20AN	ATmega168P-20ANR
ATmega168P-20AU	ATmega168P-20AUR
ATmega168P-20MU	ATmega168P-20MUR
ATmega168PA-AU	ATmega168PA-AUR
ATmega168PA-MMH	ATmega168PA-MMHR
ATmega168PA-MU	ATmega168PA-MUR
ATmega168PV-10AU	ATmega168PV-10AUR
ATmega168PV-10MU	ATmega168PV-10MUR
ATmega168V-10AU	ATmega168V-10AUR
ATmega168V-10MU	ATmega168V-10MUR
ATmega169P-16AU	ATmega169P-16AUR
ATmega169P-16MU	ATmega169P-16MUR
ATmega169PA-AU	ATmega169PA-AUR
ATmega169PA-MU	ATmega169PA-MUR
ATmega169PV-8AU	ATmega169PV-8AUR
ATmega169PV-8MU	ATmega169PV-8MUR
ATmega16A-AU	ATmega16A-AUR
ATmega16L-8AQ	ATmega16L-8AQR
ATmega16L-8AU	ATmega16L-8AUR
ATmega16L-8MU	ATmega16L-8MUR
ATmega2560-16AU	ATmega2560-16AUR
ATmega2560-16CU	ATmega2560-16CUR
ATmega2560V-8AU	ATmega2560V-8AUR
ATmega2560V-8CU	ATmega2560V-8CUR
ATmega2561-16AU	ATmega2561-16AUR
ATmega2561V-8AU	ATmega2561V-8AUR
ATmega2561V-8MU	ATmega2561V-8MUR
ATmega32-16AU	ATmega32-16AUR
ATmega32-16MU	ATmega32-16MUR
ATmega324P-20AU	ATmega324P-20AUR
ATmega324P-20MU	ATmega324P-20MUR
ATmega324PA-AU	ATmega324PA-AUR

Current Ordering Code	New Ordering Code
ATmega324PA-MCH	ATmega324PA-MCHR
ATmega324PA-MU	ATmega324PA-MUR
ATmega324PV-10AU	ATmega324PV-10AUR
ATmega324PV-10MU	ATmega324PV-10MUR
ATmega3250-16AU	ATmega3250-16AUR
ATmega3250A-AU	ATmega3250A-AUR
ATmega3250P-20AU	ATmega3250P-20AUR
ATmega325-16AU	ATmega325-16AUR
ATmega325PV-10AU	ATmega325PV-10AUR
ATmega325PV-10MU	ATmega325PV-10MUR
ATmega325V-8AU	ATmega325V-8AUR
ATmega325V-8MU	ATmega325V-8MUR
ATmega328-AU	ATmega328-AUR
ATmega328P-AU	ATmega328P-AUR
ATmega328P-MU	ATmega328P-MUR
ATmega3290-16AU	ATmega3290-16AUR
ATmega3290PV-10AU	ATmega3290PV-10AUR
ATmega3290V-8AU	ATmega3290V-8AUR
ATmega329-16AU	ATmega329-16AUR
ATmega329-16MU	ATmega329-16MUR
ATmega329P-20AU	ATmega329P-20AUR
ATmega329PV-10AU	ATmega329PV-10AUR
ATmega329PV-10MU	ATmega329PV-10MUR
ATmega329V-8AU	ATmega329V-8AUR
ATmega329V-8MU	ATmega329V-8MUR
ATmega32A-AU	ATmega32A-AUR
ATmega32A-MU	ATmega32A-MUR
ATmega32L-8AU	ATmega32L-8AUR
ATmega32L-8MU	ATmega32L-8MUR
ATmega406-1AAU	ATmega406-1AAUR
ATmega48-20AU	ATmega48-20AUR
ATmega48-20MU	ATmega48-20MUR
ATmega48A-MMH	ATmega48A-MMHR
ATmega48P-20AU	ATmega48P-20AUR

Current Ordering Code	New Ordering Code
ATmega48P-20MU	ATmega48P-20MUR
ATmega48PA-AU	ATmega48PA-AUR
ATmega48PA-MMH	ATmega48PA-MMHR
ATmega48PA-MU	ATmega48PA-MUR
ATmega48PV-10AU	ATmega48PV-10AUR
ATmega48PV-10MU	ATmega48PV-10MUR
ATmega48V-10AU	ATmega48V-10AUR
ATmega48V-10MMU	ATmega48V-10MMUR
ATmega48V-10MU	ATmega48V-10MUR
ATmega640V-8AU	ATmega640V-8AUR
ATmega64-16AU	ATmega64-16AUR
ATmega64-16MU	ATmega64-16MUR
ATmega644-20AU	ATmega644-20AUR
ATmega644-20MU	ATmega644-20MUR
ATmega644P-20AQ	ATmega644P-20AQR
ATmega644P-20AU	ATmega644P-20AUR
ATmega644P-20MQ	ATmega644P-20MQR
ATmega644P-20MU	ATmega644P-20MUR
ATmega644PA-AU	ATmega644PA-AUR
ATmega644PA-MU	ATmega644PA-MUR
ATmega644PV-10AQ	ATmega644PV-10AQR
ATmega644PV-10AU	ATmega644PV-10AUR
ATmega644PV-10MQ	ATmega644PV-10MQR
ATmega644PV-10MU	ATmega644PV-10MUR
ATmega644V-10AU	ATmega644V-10AUR
ATmega644V-10MU	ATmega644V-10MUR
ATmega645-16AU	ATmega645-16AUR
ATmega645V-8AU	ATmega645V-8AUR
ATmega645V-8MU	ATmega645V-8MUR
ATmega6490-16AU	ATmega6490-16AUR
ATmega6490V-8AU	ATmega6490V-8AUR
ATmega649-16AU	ATmega649-16AUR
ATmega649-16MU	ATmega649-16MUR
ATmega649V-8AU	ATmega649V-8AUR

Current Ordering Code	New Ordering Code
ATmega649V-8MU	ATmega649V-8MUR
ATmega64A-AU	ATmega64A-AUR
ATmega64A-MU	ATmega64A-MUR
ATmega64L-8AQ	ATmega64L-8AQR
ATmega64L-8AU	ATmega64L-8AUR
ATmega64L-8MU	ATmega64L-8MUR
ATmega8-16AU	ATmega8-16AUR
ATmega8-16MU	ATmega8-16MUR
ATmega8515-16AU	ATmega8515-16AUR
ATmega8515-16JU	ATmega8515-16JUR
ATmega8515L-8AU	ATmega8515L-8AUR
ATmega8515L-8JU	ATmega8515L-8JUR
ATmega8535-16AU	ATmega8535-16AUR
ATmega8535-16JU	ATmega8535-16JUR
ATmega8535L-8AU	ATmega8535L-8AUR
ATmega8535L-8MU	ATmega8535L-8MUR
ATmega88-20AU	ATmega88-20AUR
ATmega88-20MU	ATmega88-20MUR
ATmega88A-AU	ATmega88A-AUR
ATmega88A-MMH	ATmega88A-MMHR
ATmega88P-20AU	ATmega88P-20AUR
ATmega88P-20MU	ATmega88P-20MUR
ATmega88PA-AU	ATmega88PA-AUR
ATmega88PA-MMH	ATmega88PA-MMHR
ATmega88PA-MU	ATmega88PA-MUR
ATmega88PV-10AU	ATmega88PV-10AUR
ATmega88PV-10MU	ATmega88PV-10MUR
ATmega88V-10AU	ATmega88V-10AUR
ATmega88V-10MU	ATmega88V-10MUR
ATmega8A-AN	ATmega8A-ANR
ATmega8A-AU	ATmega8A-AUR
ATmega8A-MU	ATmega8A-MUR
ATmega8L-8AU	ATmega8L-8AUR
ATmega8L-8MU	ATmega8L-8MUR

Current Ordering Code	New Ordering Code
ATtiny12L-4SU	ATtiny12L-4SUR
ATtiny12V-1SU	ATtiny12V-1SUR
ATtiny13-20MU	ATtiny13-20MUR
ATtiny13-20SQ	ATtiny13-20SQR
ATtiny13-20SSQ	ATtiny13-20SSQR
ATtiny13-20SSU	ATtiny13-20SSUR
ATtiny13-20SU	ATtiny13-20SUR
ATtiny13A-MMU	ATtiny13A-MMUR
ATtiny13A-MU	ATtiny13A-MUR
ATtiny13A-SF	ATtiny13A-SFR
ATtiny13A-SH	ATtiny13A-SHR
ATtiny13A-SN	ATtiny13A-SNR
ATtiny13A-SSU	ATtiny13A-SSUR
ATtiny13A-SU	ATtiny13A-SUR
ATtiny13V-10MMU	ATtiny13V-10MMUR
ATtiny13V-10MU	ATtiny13V-10MUR
ATtiny13V-10SSU	ATtiny13V-10SSUR
ATtiny13V-10SU	ATtiny13V-10SUR
ATtiny20-CCU	ATtiny20-CCUR
ATtiny20-MMH	ATtiny20-MMHR
ATtiny20-SSU	ATtiny20-SSUR
ATtiny20-XU	ATtiny20-XUR
ATtiny2313-20MU	ATtiny2313-20MUR
ATtiny2313-20SU	ATtiny2313-20SUR
ATtiny2313V-10MU	ATtiny2313V-10MUR
ATtiny2313V-10SU	ATtiny2313V-10SUR
ATtiny24-20MU	ATtiny24-20MUR
ATtiny24-20SSU	ATtiny24-20SSUR
ATtiny24A-MU	ATtiny24A-MUR
ATtiny24A-SSN	ATtiny24A-SSNR
ATtiny24A-SSU	ATtiny24A-SSUR
ATtiny24V-10MU	ATtiny24V-10MUR
ATtiny24V-10SSU	ATtiny24V-10SSUR
ATtiny25-20MU	ATtiny25-20MUR

Current Ordering Code	New Ordering Code
ATtiny25-20SSU	ATtiny25-20SSUR
ATtiny25-20SU	ATtiny25-20SUR
ATtiny25V-10MU	ATtiny25V-10MUR
ATtiny25V-10SSU	ATtiny25V-10SSUR
ATtiny25V-10SU	ATtiny25V-10SUR
ATtiny261-20SU	ATtiny261-20SUR
ATtiny26-16MU	ATtiny26-16MUR
ATtiny26-16SU	ATtiny26-16SUR
ATtiny26L-8MU	ATtiny26L-8MUR
ATtiny26L-8SU	ATtiny26L-8SUR
ATtiny44-20MU	ATtiny44-20MUR
ATtiny44-20SSU	ATtiny44-20SSUR
ATtiny44A-MF	ATtiny44A-MFR
ATtiny44A-MMH	ATtiny44A-MMHR
ATtiny44A-MU	ATtiny44A-MUR
ATtiny44A-SSN	ATtiny44A-SSNR
ATtiny44A-SSU	ATtiny44A-SSUR
ATtiny44V-10MU	ATtiny44V-10MUR
ATtiny44V-10SSU	ATtiny44V-10SSUR
ATtiny45-20SU	ATtiny45-20SUR
ATtiny45-20XU	ATtiny45-20XUR
ATtiny45V-10MU	ATtiny45V-10MUR
ATtiny45V-10SU	ATtiny45V-10SUR
ATtiny45V-10XU	ATtiny45V-10XUR
ATtiny461-20MU	ATtiny461-20MUR
ATtiny461-20SU	ATtiny461-20SUR
ATtiny461A-MU	ATtiny461A-MUR
ATtiny461A-SU	ATtiny461A-SUR
ATtiny461V-10SU	ATtiny461V-10SUR
ATtiny48-AU	ATtiny48-AUR
ATtiny48-MU	ATtiny48-MUR
ATtiny84-20MU	ATtiny84-20MUR
ATtiny84-20SSU	ATtiny84-20SSUR
ATtiny84V-10MU	ATtiny84V-10MUR

Current Ordering Code	New Ordering Code
ATtiny84V-10SSU	ATtiny84V-10SSUR
ATtiny85-20SU	ATtiny85-20SUR
ATtiny85V-10SU	ATtiny85V-10SUR
ATtiny861-20MU	ATtiny861-20MUR
ATtiny861-20SU	ATtiny861-20SUR
ATtiny861A-MU	ATtiny861A-MUR
ATtiny861A-SU	ATtiny861A-SUR
ATtiny861V-10MU	ATtiny861V-10MUR
ATtiny861V-10SU	ATtiny861V-10SUR
ATtiny88-AU	ATtiny88-AUR
ATtiny88-MMU	ATtiny88-MMUR
ATtiny88-MU	ATtiny88-MUR
ATXMEGA128A1-AU	ATXMEGA128A1-AUR
ATXMEGA128A1-C7U	ATXMEGA128A1-C7UR
ATXMEGA128A1-CU	ATXMEGA128A1-CUR
ATXMEGA128A3-AU	ATXMEGA128A3-AUR
ATXMEGA128A3-MH	ATXMEGA128A3-MHR
ATXMEGA128D3-AU	ATXMEGA128D3-AUR
ATXMEGA128D3-MH	ATXMEGA128D3-MHR
ATXMEGA16A4-AU	ATXMEGA16A4-AUR
ATXMEGA16A4-CU	ATXMEGA16A4-CUR
ATXMEGA16A4-MH	ATXMEGA16A4-MHR
ATXMEGA16D4-AU	ATXMEGA16D4-AUR
ATXMEGA16D4-CU	ATXMEGA16D4-CUR
ATXMEGA16D4-MH	ATXMEGA16D4-MHR
ATXMEGA192A3-AU	ATXMEGA192A3-AUR
ATXMEGA192A3-MH	ATXMEGA192A3-MHR
ATXMEGA192D3-AU	ATXMEGA192D3-AUR
ATXMEGA192D3-MH	ATXMEGA192D3-MHR
ATXMEGA256A3-AU	ATXMEGA256A3-AUR
ATXMEGA256A3B-AU	ATXMEGA256A3B-AUR
ATXMEGA256A3B-MH	ATXMEGA256A3B-MHR
ATXMEGA256A3-MH	ATXMEGA256A3-MHR
ATXMEGA256D3-AU	ATXMEGA256D3-AUR

Current Ordering Code	New Ordering Code
ATXMEGA256D3-MH	ATXMEGA256D3-MHR
ATXMEGA32A4-AU	ATXMEGA32A4-AUR
ATXMEGA32A4-CU	ATXMEGA32A4-CUR
ATXMEGA32A4-MH	ATXMEGA32A4-MHR
ATXMEGA32D4-AU	ATXMEGA32D4-AUR
ATXMEGA32D4-CU	ATXMEGA32D4-CUR
ATXMEGA32D4-MH	ATXMEGA32D4-MHR
ATXMEGA64A1-AU	ATXMEGA64A1-AUR
ATXMEGA64A1-C7U	ATXMEGA64A1-C7UR
ATXMEGA64A1-CU	ATXMEGA64A1-CUR
ATXMEGA64A3-AU	ATXMEGA64A3-AUR
ATXMEGA64A3-MH	ATXMEGA64A3-MHR
ATXMEGA64D3-AU	ATXMEGA64D3-AUR
ATXMEGA64D3-MH	ATXMEGA64D3-MHR