



Product Change Notification

PCN Number: WC133207

Notification Date: August 20, 2013

Title: Adding Copper Bonding Wire Capability for Selected Microcontrollers			
Product Identification:			
Part number	Part number	Part number	Part number
ATMEGA2560-16AU	ATXMEGA128B3-AUR	ATTiny861A-MU	ATTINY25-20MUR
ATMEGA2560-16AUR	ATXMEGA64B3-AU	ATTiny861A-MUR	ATTINY25-20MF
ATMEGA2560V-8AU	ATXMEGA64B3-AUR	ATTINY20-MMH	ATTINY25-20MFR
ATMEGA2560V-8AUR	ATXMEGA128B1-AU	ATTINY20-MMHR	ATTINY25V-10MU
ATXMEGA128A4U-AU	ATXMEGA128B1-AUR	ATTINY24A-MMH	ATTINY25V-10MUR
ATXMEGA128A4U-AUR	ATXMEGA64B1-AU	ATTINY24A-MMHR	ATTINY4313-MU
ATXMEGA128A4U-MH	ATXMEGA64B1-AUR	ATTINY40-MMH	ATTINY4313-MUR
ATXMEGA128A4U-MHR	ATXMEGA256C3-AU	ATTINY40-MMHR	ATTINY43U-MU
ATXMEGA32A4U-AU	ATXMEGA256C3-AUR	ATTINY4313-MMH	ATTINY43U-MUR
ATXMEGA32A4U-AUR	ATXMega192C3-AU	ATTINY4313-MMHR	ATTINY44-20MU
ATXMEGA32A4U-MH	ATXMega192C3-AUR	ATTINY44A-MMH	ATTINY44-20MUR
ATXMEGA32A4U-MHR	ATXMega192C3-MH	ATTINY44A-MMHR	ATTINY44A-MU
ATXMEGA16A4U-AU	ATXMega192C3-MHR	ATTINY84A-MMH	ATTINY44A-MUR
ATXMEGA16A4U-AUR	ATXMEGA256C3-MH	ATTINY84A-MMHR	ATTINY44A-MF
ATXMEGA16A4U-MH	ATXMEGA256C3-MHR	ATTINY1634-MU	ATTINY44A-MFR
ATXMEGA16A4U-MHR	ATXMEGA32D3-AU	ATTINY1634-MUR	ATTINY44V-10MU
ATXMEGA16A4U-CU	ATXMEGA32D3-AUR	ATTINY1634R-MU	ATTINY44V-10MUR
ATXMEGA16A4U-CUR	ATXMEGA32D3-MH	ATTINY1634R-MUR	ATTINY45-20MU
ATXMEGA256A3U-MH	ATXMEGA32D3-MHR	ATTINY2313-20MU	ATTINY45-20MUR
ATXMEGA256A3U-MHR	ATTINY84A-SSF	ATTINY2313-20MUR	ATTINY45V-10MU
ATXMEGA256A3BU-MH	ATTINY84A-SSFR	ATTINY2313A-MU	ATTINY45V-10MUR
ATXMEGA256A3BU-MHR	ATTINY84A-SSU	ATTINY2313A-MUR	ATTINY84-20MU
ATXMEGA192A3U-AU	ATTINY84A-SSUR	ATTINY24A-MU	ATTINY84-20MUR
ATXMEGA192A3U-AUR	ATTINY861A-SU	ATTINY24A-MUR	
ATXMEGA128B3-AU	ATTINY861A-SUR	ATTINY25-20MU	

Reason for Change:	<input checked="" type="checkbox"/> Material / Composition	<input type="checkbox"/> Manufacturing Location
	<input type="checkbox"/> Processing / Manufacturing	<input type="checkbox"/> Quality / Reliability
	<input type="checkbox"/> Design / Firmware	<input type="checkbox"/> Logistics
	<input type="checkbox"/> Datasheet	<input type="checkbox"/> Other:

Change Description:

To increase manufacturing flexibility and ensure long-term continuity of supply, Atmel will manufacture devices listed above using both gold (Au) and copper bond (Cu) wires. Atmel reserves the right to ship devices with either gold or copper bond wires. The change does not impact reliability, soldering profiles or electrical characteristics. Qualification data is available upon request.

Copper samples will be delivered in T&R only and can be ordered through Atmel Sample Centre by logging on to <https://samples.atmel.com/scripts/samplecenter.dll?atmel?cmd=menu>

Specific ordering codes for copper samples only are shown in the table below, and are available for sample orders only until the proposed first shipment date. For all production orders, only standard existing ordering codes will be accepted.

Part number	Cu Sample Ordering Code	Part number	Cu Sample Ordering Code
ATMEGA2560-16AUR	ATMEGA2560-16AURC	ATTiny861A-MUR	ATTiny861A-MURC
ATMEGA2560V-8AUR	ATMEGA2560V-8AURC	ATTINY20-MMHR	ATTINY20-MMHRC
ATXMEGA128A4U-AUR	ATXMEGA128A4U-AURC	ATTINY24A-MMHR	ATTINY24A-MMHRC
ATXMEGA128A4U-MHR	ATXMEGA128A4U-MHRC	ATTINY40-MMHR	ATTINY40-MMHRC
ATXMEGA32A4U-AUR	ATXMEGA32A4U-AURC	ATTINY4313-MMHR	ATTINY4313-MMHRC
ATXMEGA32A4U-MHR	ATXMEGA32A4U-MHRC	ATTINY44A-MMHR	ATTINY44A-MMHRC
ATXMEGA16A4U-AUR	ATXMEGA16A4U-AURC	ATTINY84A-MMHR	ATTINY84A-MMHRC
ATXMEGA16A4U-MHR	ATXMEGA16A4U-MHRC	ATTINY1634-MUR	ATTINY1634-MURC
ATXMEGA16A4U-CUR	ATXMEGA16A4U-CURC	ATTINY1634R-MUR	ATTINY1634R-MURC
ATXMEGA256A3U-MHR	ATXMEGA256A3U-MHRC	ATTINY2313-20MUR	ATTINY2313-20MURC
ATXMEGA256A3BU-MHR	ATXMEGA256A3BU-MHRC	ATTINY2313A-MUR	ATTINY2313A-MURC
ATXMEGA192A3U-AUR	ATXMEGA192A3U-AURC	ATTINY24A-MUR	ATTINY24A-MURC
ATXMEGA128B3-AUR	ATXMEGA128B3-AURC	ATTINY25-20MUR	ATTINY25-20MURC
ATXMEGA64B3-AUR	ATXMEGA64B3-AURC	ATTINY25-20MFR	ATTINY25-20MFRC
ATXMEGA128B1-AUR	ATXMEGA128B1-AURC	ATTINY25V-10MUR	ATTINY25V-10MURC
ATXMEGA64B1-AUR	ATXMEGA64B1-AURC	ATTINY4313-MUR	ATTINY4313-MURC
ATXMEGA256C3-AUR	ATXMEGA256C3-AURC	ATTINY43U-MUR	ATTINY43U-MURC
ATXMega192C3-AUR	ATXMega192C3-AURC	ATTINY44-20MUR	ATTINY44-20MURC
ATXMega192C3-MHR	ATXMega192C3-MHRC	ATTINY44A-MUR	ATTINY44A-MURC
ATXMEGA256C3-MHR	ATXMEGA256C3-MHRC	ATTINY44A-MFR	ATTINY44A-MFRC
ATXMEGA32D3-AUR	ATXMEGA32D3-AURC	ATTINY44V-10MUR	ATTINY44V-10MURC
ATXMEGA32D3-MHR	ATXMEGA32D3-MHRC	ATTINY45-20MUR	ATTINY45-20MURC
ATTINY84A-SSFR	ATTINY84A-SSFRC	ATTINY45V-10MUR	ATTINY45V-10MURC
ATTINY84A-SSUR	ATTINY84A-SSURC	ATTINY84-20MUR	ATTINY84-20MURC

Note that the **C** in sample ordering codes will not be marked on the package

Identification Method to Distinguish Change:

Lot tracking information can be made available upon request.

Qualification Data:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
----------------------------	---	--	---

Samples:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
Quantifiable Impact on Quality & Reliability: None			
Proposed First Ship Date*: November 20, 2013			
<p><i>*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.</i></p>			
Atmel Contact: Please contact your Atmel Sales Representative or Distributor for additional information (when replying via e-mail please include the PCN number in subject line).			
<p>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.</p>			

<p>CUSTOMER ACKNOWLEDGEMENT OF RECEIPT: Atmel requests you acknowledge receipt of this PCN. Please complete and email to pcnadm@atmel.com and 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.</p>	
<p>To be completed by customer:</p> <p><input type="checkbox"/> <u>Approved</u></p> <p><input type="checkbox"/> <u>Rejected (Please state reason for rejection): _____</u></p>	
<p>Company: Name: Title: Date: Email Address: Location: Comments:</p>	