Atmel®

Product Change Notification

PCN Number: WC154102   **Notification Date: October 22, 2015**

Title: Adding Copper Bonding Wire Capability for Selected Microcontrollers

Product Identification:

Part number	Part number	Part number
ATXMEGA64D4-AU	AT90USB1286-AU	AT89C51ED2-SLSUM
ATXMEGA64D4-AUR	AT90USB1286-AUR	AT89C51RD2-SLSUM
ATXMEGA64D4-MH	ATMEGA324A-CU	AT89LP52QS840-20JUR
ATXMEGA64D4-MHR	ATMEGA324A-CUR	AT42QT2120-XU
ATXMEGA64D4-CU	ATMEGA6450P-AU	QT300-ISG
ATXMEGA64D4-CUR	ATMEGA6450P-AUR	AT42QT1050-MMHR

Reason for Change:

- ☒ Material / Composition
- ☐ Processing / Manufacturing
- ☐ Design / Firmware
- ☐ Datasheet
- ☐ Manufacturing Location
- ☐ Quality / Reliability
- ☐ Logistics
- ☐ 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 can be ordered through Atmel Sample Centre by logging on to https://samples.atmel.com/scripts/samplecenter.dll?atmel?cmd=menu, lead time 4 to 8 weeks.

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
ATXMEGA64D4-AU	ATXMEGA64D4-AURC	ATMEGA324A-CUR	ATMEGA324A-CURC
ATXMEGA64D4-AUR	ATXMEGA64D4-AURC	ATMEGA6450P-AU	ATMEGA6450P-AURC
ATXMEGA64D4-MH	ATXMEGA64D4-MHRC	ATMEGA6450P-AUR	ATMEGA6450P-AURC
ATXMEGA64D4-MHR	ATXMEGA64D4-MHRC	AT89C51ED2-SLSUM	AT89C51ED2-SLSUMC
ATXMEGA64D4-CU	ATXMEGA64D4-CURC	AT89C51RD2-SLSUM	AT89C51RD2-SLSUMC
ATXMEGA64D4-CUR	ATXMEGA64D4-CURC	AT89LP52QS840-20JUR	Note2
AT90USB1286-AU	AT90USB1286-AURC	AT42QT2120-XU	AT42QT2120-XUC
AT90USB1286-AUR	AT90USB1286-AURC	QT300-ISG	Note2
ATMEGA324A-CU	ATMEGA324A-CURC	AT42QT1050-MMHR	AT42QT1050-MMHRC

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

Note2: For special part# please contact your Customer Service Rep

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Identification Method to Distinguish Change: N/A			
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: N/A

Proposed First Ship Date*: January 22, 2016
*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: Please contact your Atmel Sales Representative or Distributor for additional information (when replying via e-mail please include the PCN number in subject line).
This Change Notification is subject to the terms of Atmel's Terms and Conditions of Sale for such products identified herein, which Terms and Conditions remain in full force and effect. 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.

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.**
To be completed by customer: ☐ Approved ☐ Rejected (Please state reason for rejection):

Company: Name: Title: Date: Email Address: Location: Comments:	

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