



Product Change Notification

PCN Number: WC133801

Notification Date: September 20, 2013

Title: Adding Copper Bonding Wire Capability for Selected Microcontrollers

Product Identification: See List

Part number	Part number	Part number	Part number
ATTINY85-20MU	ATTINY84V-10MU	ATTINY2313V-10MU	ATTINY13V-10MU
ATTINY85-20MUR	ATTINY84V-10MUR	ATTINY2313V-10MUR	ATTINY13V-10MUR
ATTINY85V-10MU	ATTINY24V-10MU	ATTINY2313A-MMH	ATTINY13A-MU
ATTINY85V-10MUR	ATTINY24V-10MUR	ATTINY2313A-MMHR	ATTINY13A-MUR
ATTINY84A-MU	ATTINY24-20MU	ATTINY13-20MU	ATTINY13A-MMU
ATTINY84A-MUR	ATTINY24-20MUR	ATTINY13-20MUR	ATTINY13A-MMUR

Reason for Change:

- | | |
|--|---|
| ☒ Material / Composition | ☐ Manufacturing Location |
| ☐ Processing / Manufacturing | ☐ Quality / Reliability |
| ☐ Design / Firmware | ☐ Logistics |
| ☐ Datasheet | ☐ 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.

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
ATTINY85-20MUR	ATTINY85-20MURC	ATTINY2313V-10MUR	ATTINY2313V-10MURC
ATTINY85V-10MUR	ATTINY85V-10MURC	ATTINY2313A-MMHR	ATTINY2313A-MMHRC
ATTINY84A-MUR	ATTINY84A-MURC	ATTINY13-20MUR	ATTINY13-20MURC
ATTINY84V-10MUR	ATTINY84V-10MURC	ATTINY13V-10MUR	ATTINY13V-10MURC
ATTINY24V-10MUR	ATTINY24V-10MURC	ATTINY13A-MUR	ATTINY13A-MURC
ATTINY24-20MUR	ATTINY24-20MURC	ATTINY13A-MMUR	ATTINY13A-MMURC

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

Identification Method to Distinguish Change: N/A

Qualification Data:

- | | | |
|---|---|---|
| ☒ Available
<i>(qualification data shall be attached if available)</i> | ☐ Will be available
(mm/dd/yr): | ☐ Not Applicable |
|---|---|---|

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Samples:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Quantifiable Impact on Quality & Reliability: N/A			
Proposed First Ship Date*: December 20, 2013 <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>			
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).			
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To be completed by customer: ☐ <u>Approved</u> ☐ <u>Rejected (Please state reason for rejection):</u> _____	
Company: Name: Title: Date: Email Address: Location: Comments:	