



Product Change Notification

PCN Number: WC144502

Notification Date: November 6, 2014

Title: Adding Copper Bonding Wire Capability for Selected Microcontrollers

Product Identification:

| Part number | Part number | Part number | Part number |
|----------------|------------------|------------------|------------------|
| AT89LP428-20JU | AT89LP3240-20JU | AT89LP51ED2-20JU | ATMEGA8515-16JUR |
| AT89LP828-20JU | AT89LP6440-20JU | AT89LP51ID2-20JU | ATMEGA8515L-8JU |
| AT89LS51-16JU | AT89S8253-24JU | AT89C2051-12PU | ATMEGA8515L-8JUR |
| AT89LS52-16JU | AT89LP51RB2-20JU | AT89C2051-24PU | ATMEGA8535-16JU |
| AT89S51-24JU | AT89LP51RC2-20JU | AT89C4051-12PU | ATMEGA8535-16JUR |
| AT89S52-24JU | AT89LP51IC2-20JU | AT89C4051-24PU | ATMEGA8535L-8JU |
| AT89LP51-20JU | AT89LP51RD2-20JU | ATMEGA8515-16JU | ATMEGA8535L-8JUR |
| AT89LP52-20JU | | | |

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 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 |
|------------------|-------------------------|------------------|-------------------------|
| AT89LP428-20JU | AT89LP428-20JUC | AT89LP51ED2-20JU | AT89LP51ED2-20JUC |
| AT89LP828-20JU | AT89LP828-20JUC | AT89LP51ID2-20JU | AT89LP51ID2-20JUC |
| AT89LS51-16JU | AT89LS51-16JUC | AT89C2051-12PU | AT89C2051-12PUC |
| AT89LS52-16JU | AT89LS52-16JUC | AT89C2051-24PU | AT89C2051-24PUC |
| AT89S51-24JU | AT89S51-24JUC | AT89C4051-12PU | AT89C4051-12PUC |
| AT89S52-24JU | AT89S52-24JUC | AT89C4051-24PU | AT89C4051-24PUC |
| AT89LP51-20JU | AT89LP51-20JUC | ATMEGA8515-16JU | ATMEGA8515-16JURC |
| AT89LP52-20JU | AT89LP52-20JUC | ATMEGA8515-16JUR | ATMEGA8515-16JURC |
| AT89LP3240-20JU | AT89LP3240-20JUC | ATMEGA8515L-8JU | ATMEGA8515L-8JURC |
| AT89LP6440-20JU | AT89LP6440-20JUC | ATMEGA8515L-8JUR | ATMEGA8515L-8JURC |
| AT89S8253-24JU | AT89S8253-24JUC | ATMEGA8535-16JU | ATMEGA8535-16JURC |
| AT89LP51RB2-20JU | AT89LP51RB2-20JUC | ATMEGA8535-16JUR | ATMEGA8535-16JURC |
| AT89LP51RC2-20JU | AT89LP51RC2-20JUC | ATMEGA8535L-8JU | ATMEGA8535L-8JURC |
| AT89LP51IC2-20JU | AT89LP51IC2-20JUC | ATMEGA8535L-8JUR | ATMEGA8535L-8JURC |
| AT89LP51RD2-20JU | AT89LP51RD2-20JUC | | |

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

Identification Method to Distinguish Change:

Not applicable

| | | | |
|----------------------------|---|--|---|
| 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 upon request via ATMEL Sample Center (www.atmel.com/samples) Lead time 4-8 weeks after Receipt of Order | <input type="checkbox"/> Will be available (mm/dd/yr): | <input type="checkbox"/> Not Applicable |

Quantifiable Impact on Quality & Reliability:

Not applicable

Proposed First Ship Date*: February 6, 2015

**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).

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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: