

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:

- | | |
|--|---|
| ☒ 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. 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:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Samples:	☒ Available upon request via ATMEL Sample Center (www.atmel.com/samples) Lead time 4-8 weeks after Receipt of Order	☐ Will be available (mm/dd/yr):	☐ 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: