



PCN / EOL Notification

Product Change Notification Number: SC071302

Date*: April 5, 2007

Title: Conversion to GREEN PACKAGING (RoHs Compliant & Halide Free) for 8051 Microcontrollers

Product Identification:

8051 Microcontrollers

[See Attachment A](#)

Reason for Change:

- | | | |
|---|--|--|
| <input type="checkbox"/> Design | <input checked="" type="checkbox"/> Processing | <input type="checkbox"/> Logistics |
| <input type="checkbox"/> Manufacturing Location | <input type="checkbox"/> Quality/Reliability | <input checked="" type="checkbox"/> Material |

Change Description:

All 8051 Microcontrollers devices with Pb-plated packaging will be converted to Green Packaging (RoHS Compliant & Halide Free).

The lead frames are being converted to 100% matte tin (Sn) plating to support government regulations and worldwide customer needs to supply environmentally friendly products. Pb-free product is compatible with the RoHS (Restriction On use of Hazardous Substances in Electrical and Electronic Equipment Directive 2002/95/EC).

The conversion is being made to fully green packaging. All packages listed below, are already qualified in Green packaging in compliance with JEDEC Standard J-STD-020C.

Further information can be downloaded from the Atmel Website:

Atmel's Environmental Policy: www.atmel.com/green/documents/doc4607.pdf

RoHS & Green Questions and Answers (FAQ): www.atmel.com/quality/acrobat/GREEN_RoHS_FAQ.pdf

The Green products are backwards compatible: www.atmel.com/green/back_comp.asp

Identification Method to Distinguish Change:

All Pb-free ICs have a new part-number and the according marking. See page 7 RoHS & Green FAQ:

www.atmel.com/quality/acrobat/GREEN_RoHS_FAQ.pdf

Qualification Data:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> available | <input type="checkbox"/> will be available in WW__ | <input checked="" type="checkbox"/> not applicable |
|---|--|--|

Samples:

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> available | <input type="checkbox"/> will be available in WW__ | <input type="checkbox"/> not applicable |
|---|--|---|

Quantifiable Impact on Quality & Reliability:

None

Availability Date:

Already Available

Last Time Buy Date:

October 6, 2007

Last Ship Date:

April 6, 2008

** All orders placed after the notification date are **non-cancellable** and **non-returnable (NCNR)**.*

Atmel Contact: pcnadm@atmel.com

Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice. All correspondence must be sent to the Quality Contact e-mail address listed above.

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Attachment A

Product- Leaded	Product- Green-RoHS
AT89C2051-12PC	AT89C2051-12PU
AT89C2051-12PI	AT89C2051-12PU
AT89C2051-12SC	AT89C2051-12SU
AT89C2051-12SI	AT89C2051-12SU
AT89C2051-24PC	AT89C2051-24PU
AT89C2051-24PI	AT89C2051-24PU
AT89C2051-24SC	AT89C2051-24SU
AT89C2051-24SI	AT89C2051-24SU
AT89C4051-12PC	AT89C4051-12PU
AT89C4051-12PI	AT89C4051-12PU
AT89C4051-12SC	AT89C4051-12SU
AT89C4051-12SI	AT89C4051-12SU
AT89C4051-24PC	AT89C4051-24PU
AT89C4051-24PI	AT89C4051-24PU
AT89C4051-24SC	AT89C4051-24SU
AT89C4051-24SI	AT89C4051-24SU
AT89C51RC-24AC	AT89C51RC-24AU
AT89C51RC-24AI	AT89C51RC-24AU
AT89C51RC-24JC	AT89C51RC-24JU
AT89C51RC-24JI	AT89C51RC-24JU
AT89C51RC-24PC	AT89C51RC-24PU
AT89C51RC-24PI	AT89C51RC-24PU
AT89C55WD-24AC	AT89C55WD-24AU
AT89C55WD-24AI	AT89C55WD-24AU
AT89C55WD-24JC	AT89C55WD-24JU
AT89C55WD-24JI	AT89C55WD-24JU
AT89C55WD-24PC	AT89C55WD-24PU
AT89C55WD-24PI	AT89C55WD-24PU

Product- Leaded	Product- Green-RoHS
AT89LS51-16AC	AT89LS51-16AU
AT89LS51-16AI	AT89LS51-16AU
AT89LS51-16JC	AT89LS51-16JU
AT89LS51-16JI	AT89LS51-16JU
AT89LS51-16PC	AT89LS51-16PU
AT89LS51-16PI	AT89LS51-16PU
AT89LS52-16AC	AT89LS52-16AU
AT89LS52-16AI	AT89LS52-16AU
AT89LS52-16JC	AT89LS52-16JU
AT89LS52-16JI	AT89LS52-16JU
AT89LS52-16PC	AT89LS52-16PU
AT89LS52-16PI	AT89LS52-16PU
AT89S51-24AC	AT89S51-24AU
AT89S51-24AI	AT89S51-24AU
AT89S51-24JC	AT89S51-24JU
AT89S51-24JI	AT89S51-24JU
AT89S51-24PC	AT89S51-24PU
AT89S51-24PI	AT89S51-24PU
AT89S52-24AC	AT89S52-24AU
AT89S52-24AI	AT89S52-24AU
AT89S52-24JC	AT89S52-24JU
AT89S52-24JI	AT89S52-24JU
AT89S52-24PC	AT89S52-24PU
AT89S52-24PI	AT89S52-24PU
AT89S8253-24AI	AT89S8253-24AU
AT89S8253-24JI	AT89S8253-24JU
AT89S8253-24PI	AT89S8253-24PU