PCN / EOL Notification

Product Change Notification Number: **SC073801A (REVISED)** **Date*:** September 27, 2007
See Attachment A for Added / Corrected Part Numbers in Bold Blue Font

Title: Transfer of Atmel's EPROM (27 Series) Product Line to Pb-free and Halogenated Compound-free Green Packaging; RoHS Compliant

Product Identification:
All TSOP, VSOP, PLCC, SOIC (330mil) and PDIP Packages
See **Attachment A** for the affected part numbers.

Reason for Change:

☐ Design	☐ Processing	☐ Logistics
☐ Manufacturing Location	☐ Quality/Reliability	☒ Material

Change Description:
In response to worldwide environmental regulations and as an environmentally responsible company, Atmel is transitioning our EPROM parts to "Green" material sets. Atmel defines "Green" as RoHS compliant, Pb-free and Halogenated compound-free. All parts formerly designated with the standard Industrial Grade of "I" will now be assigned and marked with a "U" designator. The "U" designator is the Atmel standard offering in Green packages.

Atmel has fully qualified these packages in conformance to Jedec Std 020C and will label shipping containers in accordance with JESD97. All Atmel Green EPROM lead frame packages are "backward compatible" with standard Pb-Sn containing solder paste.
Please refer to Atmel's URL site regarding
Green Packaging: **http://www.atmel.com/green/default.asp**
Backward Compatibility: **http://www.atmel.com/green/back_comp.asp**

The replacement "Green" offering is shown on the attached Replacement Chart. Note that, as per EOL# SE073802, the 28-lead SOIC (330mil) – "R", 32-lead VSOP & 40-lead VSOP – "V" package devices have reached End-of-Life. The product selector guide, datasheet and price catalog will be revised accordingly.

Product performance remains unchanged and is in accordance with datasheet specifications.

Note: Please refer to the datasheets for parameter specifications.

Identification Method to Distinguish Change:
Change Part Number Temperature grade code from "I" to "U".

Qualification Data:	☒ available	☐ will be available in WW___	☐ not applicable
Samples:	☒ available	☐ will be available in WW___	☐ not applicable

Quantifiable Impact on Quality & Reliability:
No Impact

Estimated Implementation Date:	Green-compliant package offerings are available immediately.
Last Time Buy Date:	March 14, 2008
Last Ship Date:	September 14, 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

Current Part Number	Replacement Part Number		Current Part Number	Replacement Part Number		Current Part Number	Replacement Part Number
AT27BV256-70JI	AT27BV256-70JU		AT27C512R-45RI	N/A - EOL		AT27LV020A-12JI	AT27LV020A-12JU
AT27BV256-70RI	N/A - EOL		AT27C512R-45RU	N/A - EOL		AT27LV020A-12TI	AT27LV020A-12TU
AT27BV256-70RU	N/A - EOL		AT27C512R-45TI	AT27C512R-45TU		AT27LV020A-12VI	N/A - EOL
AT27BV256-70TI	AT27BV256-70TU		AT27C512R-70JI	AT27C512R-70JU		AT27C020-55JI	AT27C020-55JU
AT27C256R-45JI	AT27C256R-45JU		AT27C512R-70PI	AT27C512R-70PU		AT27C020-55PI	AT27C020-55PU
AT27C256R-45PI	AT27C256R-45PU		AT27C512R-70RI	N/A - EOL		AT27C020-55TI	AT27C020-55TU
AT27C256R-45RI	N/A - EOL		AT27C512R-70RU	N/A - EOL		AT27C020-90JI	AT27C020-90JU
AT27C256R-45RU	N/A - EOL		AT27C512R-70TI	AT27C512R-70TU		AT27C020-90PI	AT27C020-90PU
AT27C256R-45TI	AT27C256R-45TU		AT27BV010-90JI	AT27BV010-90JU		AT27C020-90TI	AT27C020-90TU
AT27C256R-70JI	AT27C256R-70JU		AT27BV010-90TI	AT27BV010-90TU		AT27C2048-55JI	AT27C2048-55JU
AT27C256R-70PI	AT27C256R-70PU		AT27BV010-90VI	N/A - EOL		AT27C2048-55PI	AT27C2048-55PU
AT27C256R-70RI	N/A - EOL		AT27BV1024-12JI	AT27BV1024-12JU		AT27C2048-55VI	N/A - EOL
AT27C256R-70RU	N/A - EOL		AT27BV1024-12VI	N/A - EOL		AT27C2048-90JI	AT27C2048-90JU
AT27C256R-70TI	AT27C256R-70TU		AT27BV1024-90JI	AT27BV1024-90JU		AT27C2048-90PI	AT27C2048-90PU
AT27LV256A-90JI	AT27LV256A-90JU		AT27BV1024-90VI	N/A - EOL		AT27C2048-90VI	N/A - EOL
AT27LV256A-90RI	N/A - EOL		AT27LV010A-70JI	AT27LV010A-70JU		AT27LV040A-90JI	AT27LV040A-90JU
AT27LV256A-90RU	N/A - EOL		AT27LV010A-70TI	AT27LV010A-70TU		AT27LV040A-90TI	AT27LV040A-90TU
AT27LV256A-90TI	AT27LV256A-90TU		AT27LV010A-70VI	N/A - EOL		AT27LV040A-90VI	N/A - EOL
AT27LV256A-55JI	**AT27BV256-70JU**		AT27C010-45JI	AT27C010-45JU		AT27C040-70JI	AT27C040-70JU
AT27LV256A-55TI	**AT27BV256-70TU**		AT27C010-45PI	AT27C010-45PU		AT27C040-70PI	AT27C040-70PU
AT27LV256A-55RI	N/A - EOL		AT27C010-45TI	AT27C010-45TU		AT27C040-70TI	AT27C040-70TU
AT27LV256A-55RU	N/A - EOL		AT27C010-70JI	AT27C010-70JU		AT27C040-90JI	AT27C040-90JU
AT27BV512-70JI	AT27BV512-70JU		AT27C010-70PI	AT27C010-70PU		AT27C040-90PI	AT27C040-90PU
AT27BV512-70RI	N/A - EOL		AT27C010-70TI	AT27C010-70TU		AT27C040-90TI	AT27C040-90TU
AT27BV512-70RU	N/A - EOL		AT27C1024-45JI	AT27C1024-45JU		AT27C4096-55JI	AT27C4096-55JU
AT27BV512-70TI	AT27BV512-70TU		AT27C1024-45PI	AT27C1024-45PU		AT27C4096-55PI	AT27C4096-55PU
AT27LV512A-90JI	AT27LV512A-90JU		AT27C1024-45VI	N/A - EOL		AT27C4096-55VI	N/A - EOL
AT27LV512A-90RI	N/A - EOL		AT27C1024-70JI	AT27C1024-70JU		AT27C4096-90JI	AT27C4096-90JU
AT27LV512A-90RU	N/A - EOL		AT27C1024-70PI	AT27C1024-70PU		AT27C4096-90PI	AT27C4096-90PU
AT27LV512A-90TI	AT27LV512A-90TU		AT27C1024-70VI	N/A - EOL		AT27C4096-90VI	N/A - EOL
AT27LV512A-55RU	N/A - EOL		AT27BV020-90JI	AT27BV020-90JU		AT27C080-90JI	AT27C080-90JU
AT27C512R-45JI	N/A - EOL		AT27BV020-90TI	AT27BV020-90TU		AT27C080-90PI	AT27C080-90PU
AT27C512R-45PI	AT27C512R-45PU		AT27BV020-90VI	N/A - EOL		AT27C080-90TI	AT27C080-90TU
AT27C256R-12RC	**N/A - EOL**		**AT27C516-45JI**	**AT27C516-45JU**		**AT27C2048-12JC**	**AT27C2048-90JU**
AT27C256R-15PI	**AT27C256R-70PU**		**AT27C516-45VI**	**N/A - EOL**		**AT27C2048-70JC**	**AT27C2048-55JU**
AT27C256R-20JI	**AT27C256R-70JU**		**AT27C516-70JI**	**AT27C516-70JU**		**AT27C2048-70PI**	**AT27C2048-55PU**
AT27C512R-12PC	**AT27C512R-70PU**		**AT27C516-70VI**	**N/A - EOL**		**AT27LV040A-15JI**	**AT27LV040A-90JU**
AT27C512R-15PI	**AT27C512R-70PU**		**AT27BV1024-90JC**	**AT27BV1024-90JU**		**AT27C040-15JC**	**AT27C040-90JU**
AT27C512R-70JZ	**AT27C512R-70JU**		**AT27LV010A-90JC**	**AT27LV010A-70JU**		**AT27C040-15PI**	**AT27C040-90PU**
AT27C512R-70PJ	**AT27C512R-70PU**		**AT27C010-12PC**	**AT27C010-70PU**		**AT27C040-70PC**	**AT27C040-70PU**
AT27C512R-70RC	**N/A - EOL**		**AT27C010-70PC**	**AT27C010-70PU**		**AT27C080-15PC**	**AT27C080-90PU**
AT27C512R-70RZ	**N/A - EOL**		**AT27C1024-12JI**	**AT27C1024-70JU**		**AT27C080-90PC**	**AT27C080-90PU**
AT27BV040-12JI	**AT27BV040-12JU**		**AT27C1024-55JI**	**AT27C1024-45JU**			
AT27BV040-12TI	**AT27BV040-12TU**						
AT27BV040-12VI	**N/A - EOL**						