



Product End-of-Life Notification

EOL Number: NE054502

Date: November 9, 2005

Product Description & Replacement:

AT89C51RD2-3CSIM, AT89C51ED2-3CSIM, AT89S64-3CSCM

No replacement

Reason for EOL:

Atmel is converting its production using lead frame to 100% matte tin (Sn) plating to support the government regulations and the needs of customers worldwide to supply environmentally friendly products.

Atmel understands Pb-free to be compatible with the RoHS (Restriction On use of Hazardous Substances in Electrical and Electronic Equipment Directive 2002/95/EC) which becomes effective on July 1, 2006.

Considering:

- some failures detected during qualification tests (due to too small pad opening of the die versus assembly bonding capability)
- low expected volume on this package
- old PDIL package family no more proposed by many assembly houses

Atmel decides to stop qualification efforts and is discontinuing these products by not proposing them in lead free range.

More modern packages are qualified (QFP44, QFN44 for instance).

Last Time Buy Date: May 31, 2006

Last Ship Date: November 31, 2006

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