



PCN / EOL Notification

Product Change Notification Number: **SC093101A (REVISED 08/13/09)**

Date: July 30, 2009

See Added Part Numbers in Bold Blue Font Below

Title: AT25F512A Die and Design Shrink

Product Identification:

AT25F512A- All packages

Please refer to a complete list of part numbers below

Reason for Change:

☒ Design

☐ Manufacturing Location

☒ Processing

☐ Quality/Reliability

☐ Logistics

☐ Material

Change Description:

The Atmel 512kbit SPI Serial Flash AT25F512A has undergone a die shrink from .25um to .13um. Several new features and enhancements have been made. The new device AT25F512B supports a maximum clock frequency of 70 Mhz and a 128-Byte OTP security register has been added. The 512B is offered in narrow body SOIC and 2x3x0.6 mm UDFN packages.

Identification Method to Distinguish Change:

EOL Standard Part Number*	Replacement Part Number
AT25F512AN-10SH-2.7	AT25F512B-SSH-B AT25F512B-SSH-T
AT25F512AN-10SU-2.7	AT25F512B-SSH-B AT25F512B-SSH-T
AT25F512AY4-10YH-2.7	No direct replacement
AT25F512AY4-10YU-2.7	No direct replacement
Not previously offered	AT25F512B-MAH-T

- B=Bulk Shipment in Tube
- T=Shipment in Tape and Reel

***This PCN applies to all special CAN and part number combinations that are not listed in the table above.**

Qualification Data:

☒ available

☐ will be available in WW ____

☐ not applicable

Samples:

☒ available

☐ will be available in WW ____

☐ not applicable

Quantifiable Impact on Quality & Reliability:

None

Estimated Availability Date:

Available now

Last time Buy Date:

January 31, 2010

Last Ship Date:

July 31, 2010

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

Atmel Contact:

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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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