



Product Change Notification

Product Change Notification Number: CC093301

Date: August 26, 2009

Title: New CryptoMemory Wafer Stepping Pattern

Product Identification:

AT88SC0104C-WI
AT88SC0204C-WI
AT88SC0404C-WI
AT88SC0808C-WI
AT88SC1616C-WI

Reason for Change:

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

Change Description:

The pattern of die on the wafer is being changed, in order to obtain a higher net good die per wafer.

This change will require that the customer's assembly house set up a new die pick routine for extracting good units from the wafer. The change does not affect the number of rows or columns of die available on a wafer, but due to the increase in die available, the 'Reference Die Locator' (+) has been moved. Please see wafer layouts for differences.

Identification Method to Distinguish Change:

See the attached diagram of current (Atmel internal designator "tab 7") and proposed (Atmel internal designator "tab 8") patterns. Die highlighted Bold Red are useful for quick identification of the change.

Qualification Data:

☐ available	☐ will be available in WW ____	☒ not applicable
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Samples:

☐ available	☐ will be available in WW ____	☒ not applicable
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Quantifiable Impact on Quality & Reliability:

NONE: The layout of the product is unchanged.

Proposed First Ship Date*: November 24, 2009

NOTE: At the run rate the current wafer material is being used to meet shipments, Atmel will no longer be able to supply the current wafer material beginning approximately the 1st of October, 2009. Therefore, if you require wafer material to be shipped to you before the 17th of November, 2009 Ship Date, Please notify your Atmel Representative.

**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: 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 Atmel Contact e-mail address listed above.

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Current wafer layout:

Note: '+' reference die, and missing die on left edge

[illegible]

New wafer layout:

Note: '+' reference die, and die present on left edge

[illegible]