

PCN Number: RC140305

Notification Date: January 30, 2014

| Title: Fab Change for AT91SAM7S256D and AT91SAM7S128D | | | | | | | | | | | | |
|--|--|---|-------------|---------------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|
| Product Identification: | | | | | | | | | | | | |
| <table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Part Number</th> <th style="padding: 5px;">Part Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">AT91SAM7S128D-AU</td> <td style="padding: 5px;">AT91SAM7S128D-AU-999</td> </tr> <tr> <td style="padding: 5px;">AT91SAM7S128D-MU</td> <td style="padding: 5px;">AT91SAM7S128D-MU-999</td> </tr> <tr> <td style="padding: 5px;">AT91SAM7S256D-AU</td> <td style="padding: 5px;">AT91SAM7S256D-AU-999</td> </tr> <tr> <td style="padding: 5px;">AT91SAM7S256D-MU</td> <td style="padding: 5px;">AT91SAM7S256D-MU-999</td> </tr> </tbody> </table> | | | Part Number | Part Number | AT91SAM7S128D-AU | AT91SAM7S128D-AU-999 | AT91SAM7S128D-MU | AT91SAM7S128D-MU-999 | AT91SAM7S256D-AU | AT91SAM7S256D-AU-999 | AT91SAM7S256D-MU | AT91SAM7S256D-MU-999 |
| Part Number | Part Number | | | | | | | | | | | |
| AT91SAM7S128D-AU | AT91SAM7S128D-AU-999 | | | | | | | | | | | |
| AT91SAM7S128D-MU | AT91SAM7S128D-MU-999 | | | | | | | | | | | |
| AT91SAM7S256D-AU | AT91SAM7S256D-AU-999 | | | | | | | | | | | |
| AT91SAM7S256D-MU | AT91SAM7S256D-MU-999 | | | | | | | | | | | |
| Reason for Change: | <input type="checkbox"/> Material / Composition <input type="checkbox"/> Processing / Manufacturing <input type="checkbox"/> Design / Firmware <input type="checkbox"/> Datasheet | <input checked="" type="checkbox"/> Manufacturing Location <input type="checkbox"/> Quality / Reliability <input type="checkbox"/> Logistics <input type="checkbox"/> Other: | | | | | | | | | | |
| Change Description: | | | | | | | | | | | | |
| <p>The above listed devices will be transferred to UMC wafer fabrication facility to ensure an uninterrupted flow of product to meet customer production demands. The facility will manufacture the parts to the same specification as LFoundry and will meet all the datasheet parameters. The UMC parts will be compatible in form, fit, and function to the LFoundry material and will also be a drop-in replacement to products that are currently being produced in the LFoundry facility.</p> <p>Samples are only available in bulk and can be ordered through Atmel Sample Centre by logging on to https://samples.atmel.com/scripts/samplecenter.dll?atmel?cmd=menu</p> <p>Specific ordering codes for new die revision samples only are shown in the table below, and are available for sample orders only until the proposed first shipment date. For all production orders, only standard existing ordering codes will be accepted.</p> | | | | | | | | | | | | |
| <table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Part Number</th> <th style="padding: 5px;">Ordering code for samples</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">AT91SAM7S128D-AU</td> <td style="padding: 5px;">AT91SAM7S128D-AUS</td> </tr> <tr> <td style="padding: 5px;">AT91SAM7S128D-MU</td> <td style="padding: 5px;">AT91SAM7S128D-MUS</td> </tr> <tr> <td style="padding: 5px;">AT91SAM7S256D-AU</td> <td style="padding: 5px;">AT91SAM7S256D-AUS</td> </tr> <tr> <td style="padding: 5px;">AT91SAM7S256D-MU</td> <td style="padding: 5px;">AT91SAM7S256D-MUS</td> </tr> </tbody> </table> | | | Part Number | Ordering code for samples | AT91SAM7S128D-AU | AT91SAM7S128D-AUS | AT91SAM7S128D-MU | AT91SAM7S128D-MUS | AT91SAM7S256D-AU | AT91SAM7S256D-AUS | AT91SAM7S256D-MU | AT91SAM7S256D-MUS |
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| AT91SAM7S256D-AU | AT91SAM7S256D-AUS | | | | | | | | | | | |
| AT91SAM7S256D-MU | AT91SAM7S256D-MUS | | | | | | | | | | | |
| <p><u>Note that the S in sample ordering codes will not be marked on the package</u></p> <p><u>Note regarding sample marking:</u> First samples may be marked with "ES3". All samples provided (with or without "ES3" marking) are identical and will be true production parts suitable for customer qualification</p> | | | | | | | | | | | | |
| Identification Method to Distinguish Change: | | | | | | | | | | | | |
| New die source can be identified by lot code | | | | | | | | | | | | |

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|----------------------------|---|--|---|
| Qualification Data: | <input checked="" type="checkbox"/> Available | <input type="checkbox"/> Will be available (mm/dd/yr): | <input type="checkbox"/> Not Applicable |
| Samples: | <input checked="" type="checkbox"/> Available | <input type="checkbox"/> Will be available (mm/dd/yr): | <input type="checkbox"/> Not Applicable |

Quantifiable Impact on Quality & Reliability:
None

Proposed First Ship Date*: April 30, 2014
**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: Please contact your Atmel Sales Representative or Distributor for additional information (when replying via e-mail please include the PCN number in subject line).

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CUSTOMER ACKNOWLEDGEMENT OF RECEIPT: Atmel requests you acknowledge receipt of this PCN. Please complete and email to pcnadm@atmel.com and the Atmel Contact listed above. In your acknowledgement, you can grant approval or request additional information. **Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.**

To be completed by customer:

Approved

Rejected (Please state reason for rejection): _____

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|---|--|
| Company: Name: Title: Date: Email Address: Location: Comments: | |
|---|--|