

**PCN Number: WC151505**

**Notification Date:** April 30, 2015

<b>Title:</b> ATMEGA128RFA1 Rev D to F									
<b>Product Identification:</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><b>Part Number</b></td> </tr> <tr> <td style="padding: 2px;">ATMEGA128RFA1-ZU</td> </tr> <tr> <td style="padding: 2px;">ATMEGA128RFA1-ZUR</td> </tr> </table>				<b>Part Number</b>	ATMEGA128RFA1-ZU	ATMEGA128RFA1-ZUR			
<b>Part Number</b>									
ATMEGA128RFA1-ZU									
ATMEGA128RFA1-ZUR									
<b>Reason for Change:</b>	<input type="checkbox"/> Material / Composition <input type="checkbox"/> Processing / Manufacturing <input checked="" type="checkbox"/> Design / Firmware <input type="checkbox"/> Datasheet	<input type="checkbox"/> Manufacturing Location <input type="checkbox"/> Quality / Reliability <input type="checkbox"/> Logistics <input type="checkbox"/> Other:							
<b>Change Description:</b>									
<p>Revision D is replaced by Revision F. Following design changes are implemented:</p> <ul style="list-style-type: none"> <li>- DC-POR (Power On Reset) added (see datasheet, chapter 35.7, table 35-6)</li> <li>- Endurance Improvement (see datasheet, chapter 6.2 und 6.3)</li> <li>- VERSION_NUM value set to 0x07 (see datasheet, chapter 9.12)</li> </ul> <p>Please consult the datasheet for further information.</p> <p>Samples are available in bulk or reel and can be ordered through Atmel Sample Center by logging on to <a href="http://www.atmel.com/samples">www.atmel.com/samples</a></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.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 40%;">Part Number</th> <th>Ordering code for samples</th> </tr> </thead> <tbody> <tr> <td>ATMEGA128RFA1-ZU</td> <td>ATMEGA128RFA1-ZU00*</td> </tr> <tr> <td>ATMEGA128RFA1-ZUR</td> <td>ATMEGA128RFA1-ZUR00*</td> </tr> </tbody> </table> <p>*Note that ordering codes for samples reference REV F only</p>				Part Number	Ordering code for samples	ATMEGA128RFA1-ZU	ATMEGA128RFA1-ZU00*	ATMEGA128RFA1-ZUR	ATMEGA128RFA1-ZUR00*
Part Number	Ordering code for samples								
ATMEGA128RFA1-ZU	ATMEGA128RFA1-ZU00*								
ATMEGA128RFA1-ZUR	ATMEGA128RFA1-ZUR00*								
<b>Identification Method to Distinguish Change:</b>									
Replacement part is design revision F. Part Number remain as is.									
<b>Qualification Data:</b>	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable						
<b>Samples:</b>	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable						
<b>Quantifiable Impact on Quality &amp; Reliability:</b>									
There is an errata section in the data sheet, that documents the differences between the die revisions.									

**Proposed First Ship Date\*:** July 29, 2015

*\*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](mailto: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): \_\_\_\_\_

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

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