

PCN Number: RC131302

Notification Date*: April 9, 2013

Title: Migration of ATSAME3S1 from Revision A to Revision B																	
Product Identification:																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">EOL ordering code</th> <th style="text-align: left;">New ordering code</th> </tr> </thead> <tbody> <tr> <td>ATSAM3S1AA-AU</td> <td>ATSAM3S1AB-AU</td> </tr> <tr> <td>ATSAM3S1AA-MU</td> <td>ATSAM3S1AB-MU</td> </tr> <tr> <td>ATSAM3S1BA-AU</td> <td>ATSAM3S1BB-AU</td> </tr> <tr> <td>ATSAM3S1BA-MU</td> <td>ATSAM3S1BB-MU</td> </tr> <tr> <td>ATSAM3S1CA-AU</td> <td>ATSAM3S1CB-AU</td> </tr> <tr> <td>ATSAM3S1CA-CU</td> <td>ATSAM3S1CB-CU</td> </tr> </tbody> </table>		EOL ordering code	New ordering code	ATSAM3S1AA-AU	ATSAM3S1AB-AU	ATSAM3S1AA-MU	ATSAM3S1AB-MU	ATSAM3S1BA-AU	ATSAM3S1BB-AU	ATSAM3S1BA-MU	ATSAM3S1BB-MU	ATSAM3S1CA-AU	ATSAM3S1CB-AU	ATSAM3S1CA-CU	ATSAM3S1CB-CU		
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Devices in Tape & Reel will be also available in revision B.																	
Reason for Change:	<input type="checkbox"/> Material / Composition <input type="checkbox"/> Processing / Manufacturing	<input checked="" type="checkbox"/> Design / Firmware <input type="checkbox"/> Logistics	<input type="checkbox"/> Manufacturing Location <input type="checkbox"/> Quality / Reliability														
Change Description:																	
<p>A detailed description of the differences between the marketing revision level (MRL) A and B can be found in the data sheet.</p> <p>In summary, changes are limited to the correction of the following errata:</p> <ul style="list-style-type: none"> - Correction of Flash problems : <ul style="list-style-type: none"> o 45.2.1.1 FLASH: Flash Reading in 64-bit mode o 45.2.1.3 FLASH: Flash Programming o 45.2.1.4 FLASH: Fetching Error after Reading the Unique Identifier - Correction ADC problems : <ul style="list-style-type: none"> o 45.2.2.1 ADC: Comparison Window, High Threshold Value o 45.2.2.2 ADC: End of Conversion (EOC) Flag o 45.2.2.3 ADC: Trigger Launch Only One Conversion o 45.2.2.4 ADC: Wrong First Conversions - Correction SAMBA problem: <ul style="list-style-type: none"> o 45.2.4.1 SAM-BA Boot: Start-up Issue when Using No Clock on XIN - Jtag ID updated 																	
Identification Method to Distinguish Change:																	
Marketing Revision Level (MRL) has been incremented on topside marking to B .																	
Qualification Data:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable														
Samples:	<input type="checkbox"/> Available	<input checked="" type="checkbox"/> Will be available (mm/dd/yr): April 10, 2013	<input type="checkbox"/> Not Applicable														
Quantifiable Impact on Quality & Reliability:																	
None																	

Forecasted Availability Date: Delivery of Volume MRL B Product : June 1st, 2013

Last Time Buy Date: September 25th, 2013

Last Ship Date: March 25th, 2014

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

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