



PCN / EOL Notification

PCN Number: CC141901

Notification Date*: May 16, 2014

Title: Migration of ECC108 to ECC108A			
Product Identification:			
Current	Replacement		
ATECC108-MAHDA-T	ATECC108A-MAHDA-T ¹		
ATECC108-MAHCZ-T	ATECC108A-MAHCZ-T ¹		
ATECC108-SSHDA-T	ATECC108A-SSHDA-T ²		
ATECC108-SSHCZ-T	ATECC108A-SSHCZ-T ²		
ATECC108-SSHDA-B	ATECC108A-SSHDA-B ²		
ATECC108-SSHCZ-B	ATECC108A-SSHCZ-B ²		
ATECC108-RBHCZ-T	ATECC108A-RBHCZ-T ³		
Reason for Change:	<input checked="" type="checkbox"/> Material / Composition	<input checked="" type="checkbox"/> Manufacturing Location	
	<input type="checkbox"/> Processing / Manufacturing	<input type="checkbox"/> Quality / Reliability	
	<input checked="" type="checkbox"/> Design / Firmware	<input type="checkbox"/> Logistics	
	<input type="checkbox"/> Datasheet	<input type="checkbox"/> Other:	
Change Description:			
<p>The above listed devices will be transferred to UMC wafer fabrication facility due to the closure of LFoundry wafer fabrication facility in Rousset France. UMC will manufacture the ATECC108A parts to the same specification as LFoundry and will meet all the datasheet parameters. ATECC108A parts are fully compatible with the ATECC108 parts they are replacing and offer additional features and minor improvements in functionality and power consumption (see Section10 in the datasheet for details). The assembly site is unchanged in all cases.</p> <p>1-2 For these specific part numbers, the bond wire will change from gold to copper;</p> <p>3 No change in bond wire material for the specific PN;</p>			
Identification Method to Distinguish Change:			
The Info command returns a revision of 0x1001 for ATECC108. ECC108A will return higher revision numbers (see final datasheet).			
Qualification Data:	<input type="checkbox"/> Available	<input checked="" type="checkbox"/> Will be available 5/29/2014 (UDFN ¹ - package) 7/1/2014 (SOIC ² - package)	<input type="checkbox"/> Not Applicable
Samples:	<input checked="" type="checkbox"/> Available UDFN and SOIC	<input checked="" type="checkbox"/> Will be available 5/30/2013 RBH ³	<input type="checkbox"/> Not Applicable
Quantifiable Impact on Quality & Reliability:			
None			
Forecasted Availability Date: 5/29/2014			
Last Time Buy Date: 7/1/14, subject to availability			
Last Ship Date: 9/1/2014			
<i>*All orders placed after the notification date are non-cancellable and non-returnable (NCNR).</i>			

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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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