



PCN / EOL Notification

Product Change Notification Number: SC111104

Notification Date*: March 30, 2011

Title: Migrating 5V ATF16V8B/BQ/BQL and the ATF16V8C/CZ Customers to ROHS Compliant Fully Green Simple PLD Packages

Product Identification:

Top Side marking; Using letter "U" for Industrial grade fully green and "X" for commercial grade fully Green parts.

Obsolete Device	Suggested Replacement	Notes
ATF16V8B-10JC	ATF16V8B-10JU	
ATF16V8B-10JI	ATF16V8B-10JU	
ATF16V8B-10PC	ATF16V8C-7PU, or ATF16V8B-15PU	ATF16V8C have Pin Keeper circuit
ATF16V8B-10PI	ATF16V8C-7PU, or ATF16V8B-15PU	ATF16V8C have Pin Keeper circuit
ATF16V8B-10SC	ATF16V8C-7SU, or ATF16V8B-15SU	ATF16V8C have Pin Keeper circuit
ATF16V8B-10SI	ATF16V8C-7SU, or ATF16V8B-15SU	ATF16V8C have Pin Keeper circuit
ATF16V8B-15JC	ATF16V8B-15JU,	
ATF16V8B-15JI	ATF16V8B-15JU	
ATF16V8B-15PC	ATF16V8B-15PU	
ATF16V8B-15PI	ATF16V8B-15PU	
ATF16V8B-15SC	ATF16V8B-15SU	
ATF16V8B-15SI	ATF16V8B-15SU	
ATF16V8BQ-10JC	ATF16V8B-10JU	
ATF16V8BQ-10PC	ATF16V8C-7PU or ATF16V8B-15PU	ATF16V8C is Standard power device
ATF16V8BQ-10SC	ATF16V8C-7SU or ATF16V8B-15SU	ATF16V8C is Standard power device
ATF16V8BQ-10XC	ATF16V8BQL-15XU	Replacement has 15 ns Speed
ATF16V8BQL-15JC	ATF16V8BQL-15JU	
ATF16V8BQL-15JI	ATF16V8BQL-15JU	
ATF16V8BQL-15PC	ATF16V8BQL-15PU	
ATF16V8BQL-15PI	ATF16V8BQL-15PU	
ATF16V8BQL-15SC	ATF16V8BQL-15SU	
ATF16V8BQL-15SI	ATF16V8BQL-15SU	
ATF16V8BQL-15XC	ATF16V8BQL-15XU	
ATF16V8BQL-15XI	ATF16V8BQL-15XU	
ATF16V8C-5JC	ATF16V8C-5JX	

ATF16V8C-5XC	ATF16V8CZ-15XU	Replacement is a slower device
ATF16V8C-7JC	ATF16V8C-7JU	
ATF16V8C-7JI	ATF16V8C-7JU	
ATF16V8C-7PC	ATF16V8C-7PU	
ATF16V8C-7PI	ATF16V8C-7PU	
ATF16V8C-7SC	ATF16V8C-7SU	
ATF16V8C-7SI	ATF16V8C-7SU	
ATF16V8C-7XC	ATF16V8CZ-15XU	Replacement is a slower device
ATF16V8C-7XI	ATF16V8CZ-15XU	Replacement is a slower device
ATF16V8C-7XU	ATF16V8CZ-15XU	Replacement is a slower device
ATF16V8CZ-12JC	ATF16V8CZ-15JU	Replacement is a slower device
ATF16V8CZ-12JX	ATF16V8CZ-15JU	Replacement is a slower device
ATF16V8CZ-12PC	ATF16V8CZ-15PU	Replacement is a slower device
ATF16V8CZ-12SC	ATF16V8CZ-15SU	Replacement is a slower device
ATF16V8CZ-12XC	ATF16V8CZ-15XU	Replacement is a slower device
ATF16V8CZ-15JC	ATF16V8CZ-15JU	
ATF16V8CZ-15JI	ATF16V8CZ-15JU	
ATF16V8CZ-15PC	ATF16V8CZ-15PU	
ATF16V8CZ-15PI	ATF16V8CZ-15PU	
ATF16V8CZ-15SC	ATF16V8CZ-15SU	
ATF16V8CZ-15SI	ATF16V8CZ-15SU	
ATF16V8CZ-15XC	ATF16V8CZ-15XU	
ATF16V8CZ-15XI	ATF16V8CZ-15XU	

Reason for Change:

<input type="checkbox"/> Material / Composition	<input type="checkbox"/> Design / Firmware	<input type="checkbox"/> Manufacturing Location
<input type="checkbox"/> Processing / Manufacturing	<input checked="" type="checkbox"/> Logistics	<input type="checkbox"/> Quality / Reliability

Change Description:

Atmel is announcing an End of Life for the Leaded versions of **ATF16V8B/BQ/BQL** and **ATF16V8C/CZ** EPLDs and migrating customers to the ROHS compliant Fully Green Packages which are Lead Free. The Fully Green packages are fully backward compatible. Details of the Green Package Program are outlined in our [Corporate Pb-Free / Green Packaging Policy](#), available on Atmel's Website. All packages are topside marked to distinguish from Pb-containing versions using a single character code.

Identification Method to Distinguish Change:

Top Side marking; Using letter "U" for Industrial grade fully green and "X" for commercial grade fully Green parts

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

<p>Quantifiable Impact on Quality & Reliability: None</p>
<p>Forecasted Availability Date: Now Last Time Buy Date: September 30, 2011 Last Ship Date: March 10, 2012</p> <p><i>*All orders placed after the notification date are non-cancellable and non-returnable (NCNR).</i></p>
<p>Atmel Contact: pcnadm@atmel.com</p>
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