

Product Change Notification

This document is the property of e2v semiconductors, not to be disclosed or copied without prior written consent

Printed form FC32S00970 / rev L

Product Change Notification Number : GC094101

Date: November 26th 2009

Title: Semiconductor foundry change and End of Life of previous versions

Product Identification:

AT84AD001BCEPW (Dual 8-bit 1Gsps ADC, Commercial grade, RoHS-EP package)

AT84AD001BVEPW (Dual 8-bit 1Gsps ADC, Industrial grade, RoHS-EP package)

AT84AD001BCTD (Dual 8-bit 1Gsps ADC, Commercial grade, LQFP144 Leaded package)

AT84AD001BITD (Dual 8-bit 1Gsps ADC, Industrial grade, LQFP144 Leaded package)

Reason for Change:

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

Change Description:

This PCN is related to further improvements of AT84AD001 series of dual 8 bit 1GSPS ADCs in terms of Crosstalk isolation, ENOB and BER.

The new version AT84AD001C is fabricated on Freescale's CDR1 technology while previous version AT84AD001B was fabricated on Atmel's AT43K technology.

It is recommended that customers refer to the latest version of AT84AD001C datasheet Nb 1006 for a comprehensive review of specifications prior to ordering.

Previous versions AT84AD001BCEPW, AT84AD001BVEPW, AT84AD001BCTD and AT84AD001BITD are in end of life status. Last time buy orders are accepted until June 26th 2010 and last deliveries can be done until December 26th 2010.

Identification Method to Distinguish Change:

P/N: AT84AD001BCEPW is replaced by P/N: AT84AD001CCEPW

P/N: AT84AD001BVEPW is replaced by P/N: AT84AD001CVEPW

Qualification Data:

available will be available in WW ____ not applicable

Samples:

available will be available in WW ____ not applicable

Quantifiable Impact on Quality & Reliability:

NONE

Implementation Date*: December 26th 2009

*The Estimated Implementation 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, e2v semiconductors 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.

e2v semiconductors contact:

	Quality	Marketing
NAME	Christian Carmona	Nicolas Chantier
EMAIL:	christian.carmona@e2v.com	nicolas.chantier@e2v.com

APPROVAL by TRB

Product Change Notification

This document is the property of e2v semiconductors, not to be disclosed or copied without prior written consent
e2v semiconductors will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice. All correspondence must be sent to the contact e-mail addresses indicated above.
e2v semiconductors assumes no responsibility for any errors that may appear in this document.

The supply of products will be subject to e2v general terms and conditions of sale or any specific contractual terms agreed between the parties.