

Overview

Alpha Data will be changing the functionality of certain products in its range. This notice lists the affected products and the nature of the changes.

Product(s) Affected:

Current Part Number	New Part Number
ADM-PCIE-9V3 (All variants with serial numbers 001 to 227)	ADM-PCIE-9V3 (No change to part number)

Description and Purpose of Change:

The on-board power sequencing mechanism does not start-up correctly in all cases. This can cause a PLL lock problem which results in the VCC_INT supply drooping out of regulation. The problem typically arises in systems where the 12V power supply is enabled during standby, but can be caused by any system where 12V comes up significantly (>30ms) before 3.3V.

This issue only affects products with serial numbers 001 to 227.

The fault has been identified and corrected in CPLD Firmware version 1.2. All new products with serial number 0228 onwards are factory programmed with the updated firmware.

Customers with affected products should download the firmware image and instructions from:

https://www.alpha-data.com/dcp/otherproductdatafiles/admpcie9v3_cpld_update_1p2.zip 



Alternatively, customers may return affected products to Alpha Data for updating. Please contact sales@alpha-data.com for details.

Impact on Form, Fit or Function:

Form: None

Fit: None



Function: Firmware update to allow FPGA to power sequence properly in all systems.

Effective Date of Change:

28/11/2017 (Updated data file to revision 1.2 - 06/12/2017)

Recommended Action for Previous Board Types:

Reprogram the CPLD

Director: 	Date: 6/Dec/2017
Quality Representative: 	Date: 06 Dec 2017

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