

Alpha Data will be changing the circuit revision 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-XRC-6T1 (all build options and variants) Serial number 0650 onwards	No change

Description and Purpose of Change:

The purpose of this change is to replace obsolete components with compatible alternatives, and standardize on oscillator supplier. There are no changes to the overall form, fit or functionality of the product.

The component changes are detailed in the table below.

	BOM Item	Original p/n	New p/n
(a)	65	Renesas RJK0305	Infineon BSC080N03LSG
(b)	63	Renesas RJK0329	Infineon BSC030N03LSG
(c)	62	MBRA340T3	MBRA340T3G
(d)	18	PI5C34X245BEX (alt. QS34X245Q3G)	2-off PI5C32X245B (alt. QS32X245Q2G)
(e)	8	MT41J64M16LA-187E	MT41K64M16TW-107:J
(f)	10	GXO-3301L 25.0MHZ	SiLabs 501AAA25M0000CAG (50.0ppm)
(g)	9	FXO-PC725R-200	SiLabs 531EA200M000DG (61.5ppm)
(h)	4	FXO-PC725R-250	SiLabs 531EB250M000DG (31.5ppm)
(i)	125	n/a	Vishay BAV19WS-E3-18

In addition to these component changes, minor alterations have been made to ease assembly and to allow the DIL switch to be replaced with hard links.

The new board revision remains within the standard envelope for an XMC and is compatible with the Alpha Data supplied heatplate. However, there have been minor changes to the top side of the board and customers with their own design of heatplate are advised to contact Alpha Data for full details of the mechanical changes.

Impact on Form, Fit or Function:

None

Effective Date of Change:

31/01/2015

Recommended Action for Previous Board Types:

None

Authorisation:

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