

Alpha Data will be changing the external memory fitted to 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-7V1 Memory option = /8 (all "/8" variants with 8GB, dual-rank DRAM) | ADM-XRC-7V1 Memory Option = /S8 (8GB, single-rank DRAM) |

Description and Purpose of Change:

The twin-die (dual-rank) 8Gb memory device fitted on "/8" board variant has been discontinued by the manufacturer. There is no twin-die alternative but single-die (single-rank) devices are now available. These may be ordered using the new order option "/S8".

Migration from dual-rank to single-rank memory will require modification to the memory interface within the FPGA. Alpha Data will provide example designs for the new interface and can assist customers with design migration.

Since the new components are single-rank, the maximum interface speed will increase to DDR-1600 for all FPGA speed grades.

The component change(s) are detailed in the table below.

| | BOM Item | Original p/n | New p/n |
|-----|----------|------------------------------|-----------------------------|
| (a) | 77 | Micron MT41K512M16TNA-125(I) | Micron MT41K512M16HA-125(I) |

Impact on Form, Fit or Function:

Form: None

Fit: None

Function: Requires modification to the memory interface within the FPGA

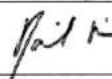

Effective Date of Change:

Final orders for the original "/8" (twin-die) version will be accepted until **31st Dec, 2016**.

Deliveries can be scheduled over 12 months from this date (until 31st Dec, 2017).

Orders for the new "/S8" (single-die) version will be accepted immediately.

Authorisation:

| | | | |
|-------------------------|---|-------|-----------|
| Director: |  | Date: | 28/6/2016 |
| Quality Representative: |  | Date: | 28/6/2016 |