

**KVR64A52BS6-8**

8GB 1Rx16 1G x 64-Bit

PC5-6400 CL52 288-Pin CUDIMM

**DESCRIPTION**

This document describes ValueRAM's KVR64A52BS6-8 is a 1G x 64-bit (8GB) DDR5-6400 CL52 Clocked Unbuffered DIMMs (CUDIMMs), 1Rx16, memory module, based on four 1G x 16-bit FBGA components and one Clock Driver (CKD). The SPD is programmed to JEDEC standard latency DDR5-6400 timing of 52-52-52 at 1.1V. Each 288-pin DIMM uses gold contact fingers. The electrical and mechanical specifications are as follows:

**FEATURES**

- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- PCB: Height 1.23" (31.25mm)
- RoHS Compliant and Halogen-Free
- With Clock Driver

**SPECIFICATIONS**

CL	52 cycles
Row Cycle Time (tRCmin)	48ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	195ns(min.)
Row Active Time (tRASmin)	32ns(min.)
UL Rating	94 V - 0
Operating Temperature	0° C to +85° C
Storage Temperature	-55° C to +100° C

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