

**KVR64V52BS6-8**

8GB 1Rx16 1G x 64-Bit

PC5-6400 CL52 262-Pin CSODIMM

**DESCRIPTION**

This document describes ValueRAM's KVR64V52BS6-8 is a 1G x 64-bit (8GB) DDR5-6400 CL52 Clocked Small Outline DIMMs (CSODIMMs), 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 262-pin CSODIMM uses gold contact fingers. The electrical and mechanical specifications are as follows:

**FEATURES**

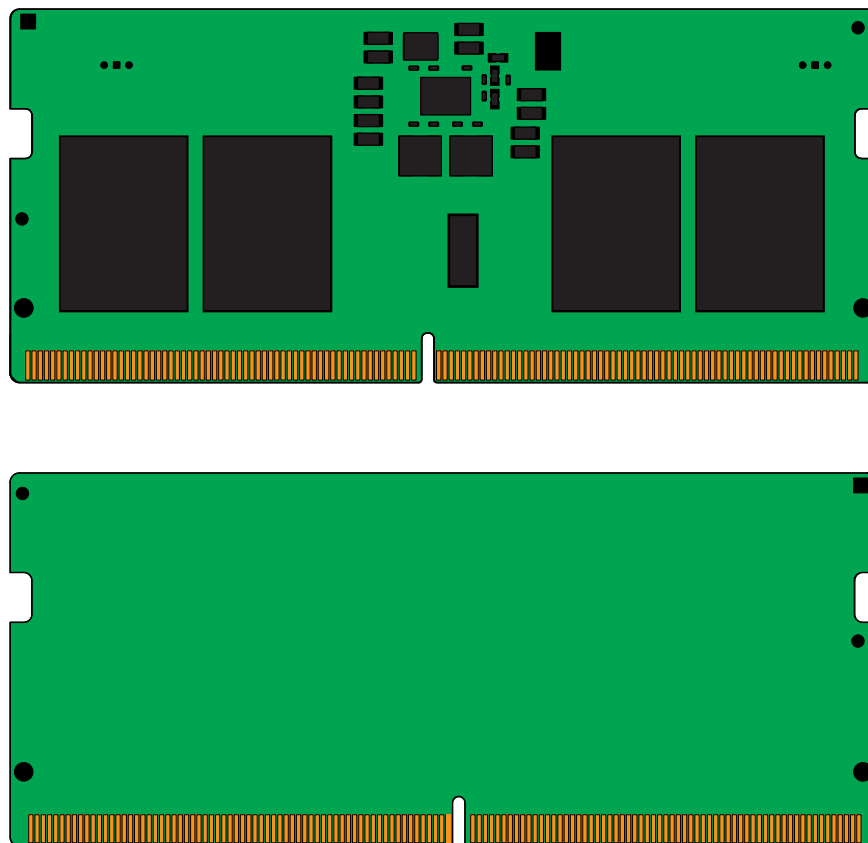
- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- PCB: Height 1.18" (30.00mm)
- RoHS Compliant and Halogen-Free
- With Clock Driver

**SPECIFICATIONS**

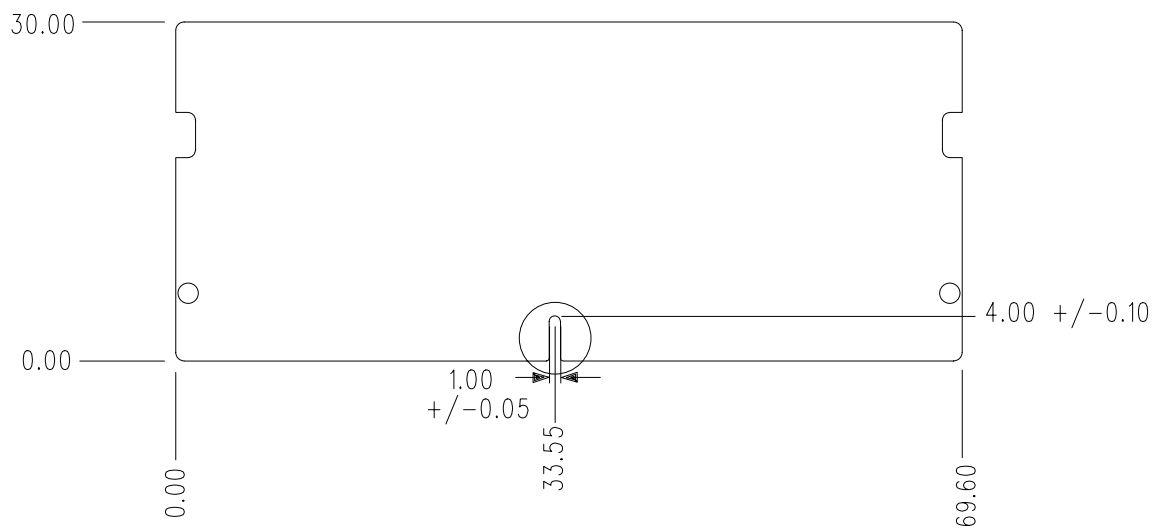
|                                                  |                   |
|--------------------------------------------------|-------------------|
| CL                                               | 52 cycles         |
| Row Cycle Time (tRCmin)                          | 48ns(min.)        |
| Refresh to Active/Refresh Command Time (tRFCmin) | 295ns(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 |

Continued &gt;&gt;

## MODULE DIMENSIONS



All measurements are in millimeters.  
(Tolerances on all dimensions are  $\pm 0.15$  unless otherwise specified)



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