

Memory Module Specifications

KVR667D2D4P5/8G

8GB 1024M x 72-Bit DDR2-667

CL5 Registered w/Parity 240-Pin DIMM

DESCRIPTION

This document describes ValueRAM's 1024M x 72-bit (8GB) DDR2-667 CL5 SDRAM (Synchronous DRAM) "dual rank" Registered w/Parity memory module. The components on this module include thirty-six stacked 512M x 4-Bit SDRAMs. This 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

SPECIFICATIONS

Clock Cycle Time (tCK) CL=5	3ns (min.) / 8ns (max.)
Row Cycle Time (tRC)	60ns (min.)
Refresh to Active/Refresh Command Time (tRFC)	195ns
Row Active Time (tRAS)	45ns (min.) / 70,000ns (max.)
Single Power Supply of	+1.8V (+/- .1V)
Power	6.264 W (operating)
UL Rating	94 V - 0

Figure 1: KVR667D2D4P5/8G 240-Pin DIMM

