

KVR800D2D4P6/4GHC

4GB 2Rx4 512M x 72-Bit DDR2-800 CL6
Registered w/ Parity 240-Pin DIMM

DRAM Supported: Hynix C-Die

DESCRIPTION

This document describes ValueRAM's 512M x 72-bit (4GB) Registered w/ parity, DDR2-800 CL6 SDRAM (Synchronous DRAM) ECC 2Rx4 memory module, based on thirty-six 256M x 4-bit FBGA components per module. 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)	2.5ns (min.) / 8ns (max.)
Row Cycle Time (tRCmin)	60ns (min.)
Refresh to Active/Refresh Command Time (tRFCmin)	127.5ns (min.)
Row Active Time (tRASmin)	45ns (min.) / 70,000 (max.)
Single Power Supply of	+1.8V (+/- .1V)
Power Operating (per module)	5.400 W (Approx.*)
UL Rating	94 V - 0

Figure 1: KVR800D2D4P6/4GHC 240-Pin DIMM

