

KVR266X64C25/512

DDR266 SDRAM 184-Pin

Dual In-Line Memory Module (DIMM)

DESCRIPTION

This document describes ValueRAM's 64M x 64-bit (512MB), CAS Latency 2.5 SDRAM (Synchronous DRAM) DDR266 memory module. The components on this module include sixteen 32M x 8-bit (8M x 8-bit x 4 Bank / 133MHz, 7.5ns, CL2.5 components) SDRAM in TSOP packages. This 184-pin DIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

SPECIFICATIONS

Clock Cycle Time (tCK)	7.5ns (min.) / 15ns (max.)
Row Cycle Time (tRC)	65ns (min.)
Refresh Row Cycle Time (tRFC)	75ns (min.)
Row Active Time (tRAS)	45ns (min.) / 12,000ns (max.)
Single Power Supply of	+2.5V (+/- .25V)
Power	4.400 W (operating)
UL Rating	94 V - 0

Figure 1: KVR266X64C25/512 184-Pin DDR SDRAM Module

