

Memory Module Specifications

KVR400X64C3AK2/1G

1GB (512MB 64M x 64-Bit x 2 pcs.)

DDR400 CL3 184-Pin DIMM Kit

DESCRIPTION

ValueRAM's KVR400X64C3AK2/1G is a kit of two 64M x 64-bit (512MB) CL3 DDR400 SDRAM (Synchronous DRAM) memory modules. Total kit capacity is 1GB. The components on each module include eight 64M x 8-bit SDRAMs in TSOP packages. Each 184-pin DIMM uses gold contact fingers and requires +2.6V. The electrical and mechanical specifications are as follows:

SPECIFICATIONS

Clock Cycle Time (tCK)	5ns (min.) / 10ns (max.)
Row Cycle Time (tRC)	55ns (min.)
Refresh Row Cycle Time (tRFC)	70ns (min.)
Row Active Time (tRAS)	40ns (min.) / 70,000ns (max.)
Single Power Supply of	+2.6V (+/- .1V)
Power	2.184 W (operating)
UL Rating	94 V - 0

Note: The module defined in this data sheet is one of several configurations available under this part number. While all configurations are compatible, the DRAM combination and/or the module height may vary from what is described here.

Figure 1: KVR400X64C3AK2/1G 184-Pin DIMM

