KVR400X72RC3AK2/1G

1GB (512MB 64M x 72-Bit x 2 pcs.) DDR400 Registered CL3 ECC 184-Pin DIMM Kit

DESCRIPTION:

ValueRAM's KVR400X72RC3AK2/1G is a kit of two 64M x 72-bit (512MB) DDR400 CL3 SDRAM (Synchronous DRAM) Registered ECC memory modules. Total kit capacity is 1GB (1024MB). The components on each module include eighteen 64M x 4-bit (16M x 4-Bit x 4 bank) DDR400 SDRAM in FBGA packages and three 16-bit drivers in TSSOP packages. Each 184-pin DIMM uses gold contact fingers and requires +2.6V. The electrical and mechanical specifications are as follows:

FEATURES:

☑ 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 (IDD0)	6.162 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. However, in no configuration will the module height exceed 1.200" (30.48mm).

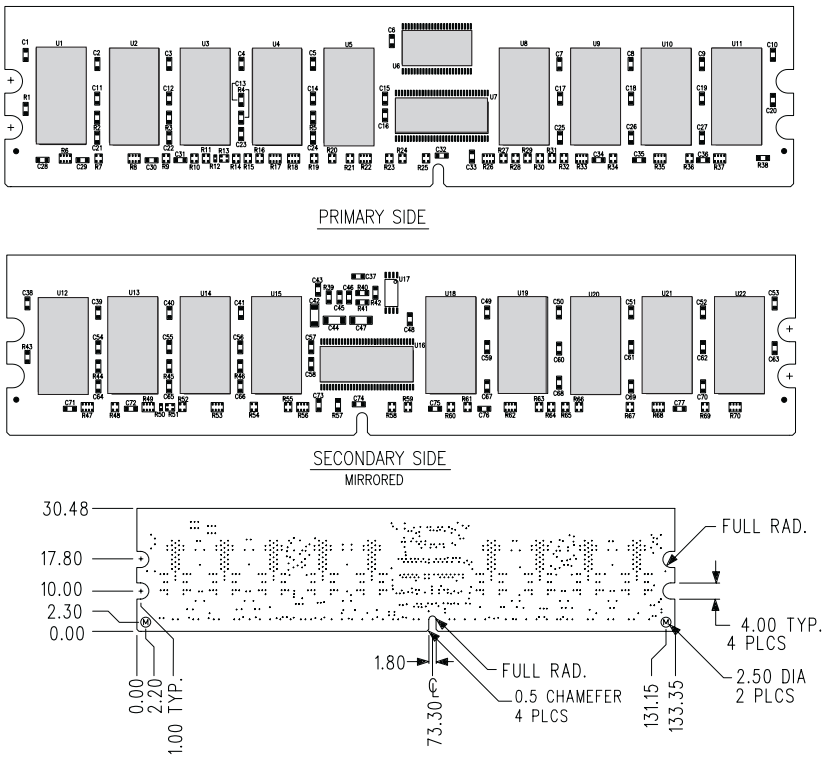

Figure 1: KVR400X72RC3AK2/1G 184-Pin DIMM Kit