

KVR400X72RC3A/1G

1GB 128M x 72-Bit DDR400

CL3 Registered 184-Pin ECC DIMM

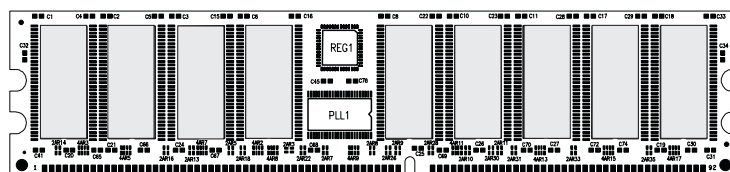
DESCRIPTION:

This document describes ValueRAM's 128M x 72-bit 1GB (1024MB) DDR400 CL3 SDRAM (Synchronous DRAM) Registered ECC memory module. The components on this module include eighteen stacked 128M x 4-bit (thirty-six 64M x 4-Bit) DDR400 SDRAM and three 16-bit drivers in TSSOP packages. This 184-pin DIMM uses gold contact fingers and requires +2.6V. The electrical and mechanical specifications are as follows:

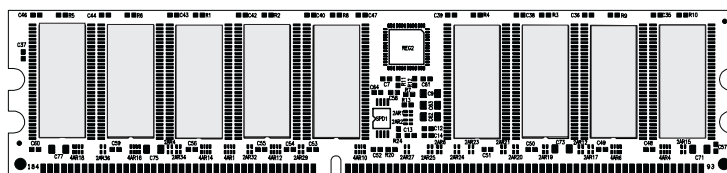
FEATURES:

- | | |
|---------------------------------|-------------------------------|
| ✓ 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) | 8.700 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).



COMP SIDE



SOLDER SIDE - MIRRORED

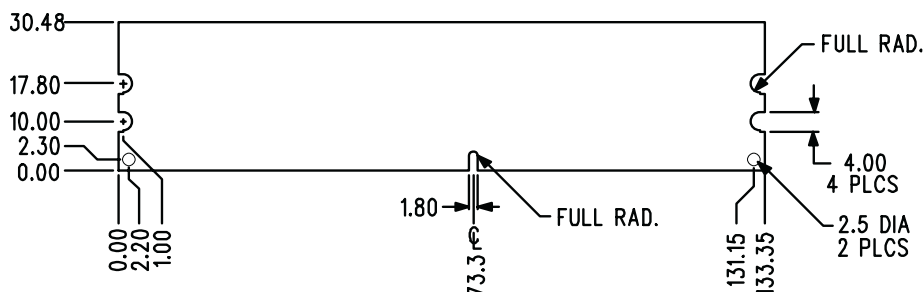


Figure 1: KVR400X72RC3A/1G 184-Pin DIMM