KVR266S4R25/512I
512MB 64M x 72-Bit DDR266 CL2.5
Registered ECC 184-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 64M x 72-bit (512MB) DDR266 CL2.5 SDRAM (Synchronous DRAM) "single rank" Registered ECC "Intel® Certified" memory module. The components on this module include eighteen 64M x 4-bit (16M x 4-bit x 4 Bank) DDR266 components in TSOP packages. This 184-pin DIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

FEATURES:

- ☑ Clock Cycle Time (tCK)   7.5ns (min.) / 12ns (max.)
- ☑ Row Cycle Time (tRC)   65ns (min.)
- ☑ Refresh Row Cycle Time (tRFC)   75ns (min.)
- ☑ Row Active Time (tRAS)   45ns (min.) / 120,000ns (max.)
- ☑ Single Power Supply of   +2.5V (+/- .2V)
- ☑ Power   5.175 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 1.250" (31.75mm).
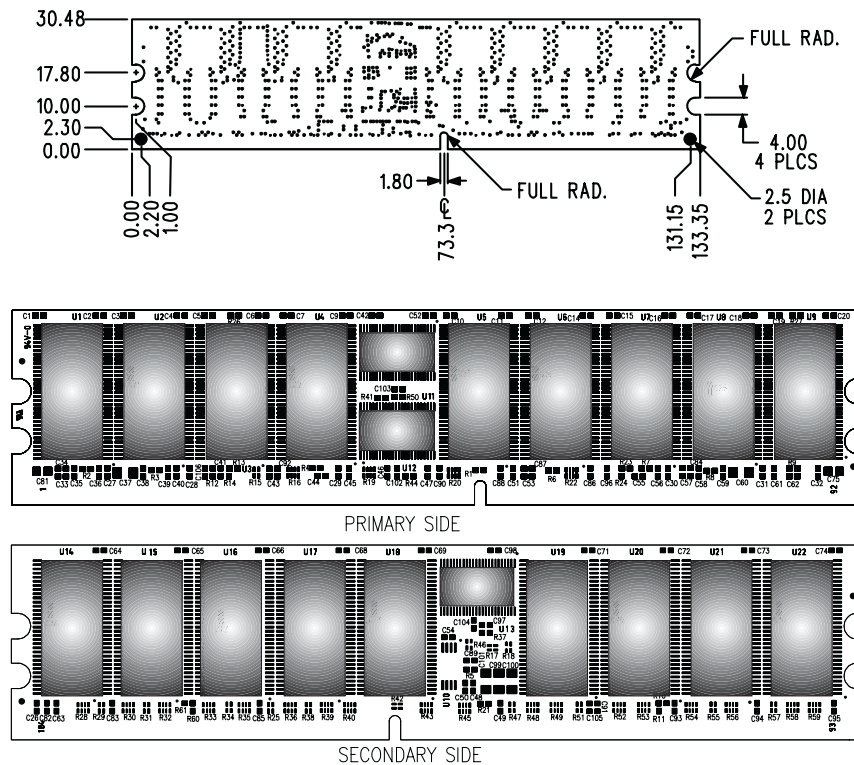

Figure 1: KVR266S4R25/512I 184-Pin DIMM