

KVR266X64C2/512 CL2 DDR266 SDRAM 184-Pin Dual In-Line Memory Module (DIMM)

DESCRIPTION:

This document describes ValueRAM's 64M x 64-bit (512MB), CAS Latency 2 (CL2) 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 components) DDR SDRAM in TSOP packages. This 184-pin DIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

FEATURES:

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|---------------------------------|-----------------------------|
| ✓ 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.) / 120Kns (max.) |
| ✓ Single Power Supply of | +2.5V (+/- .25V) |
| ✓ Power (IDD1) | 4.300 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).

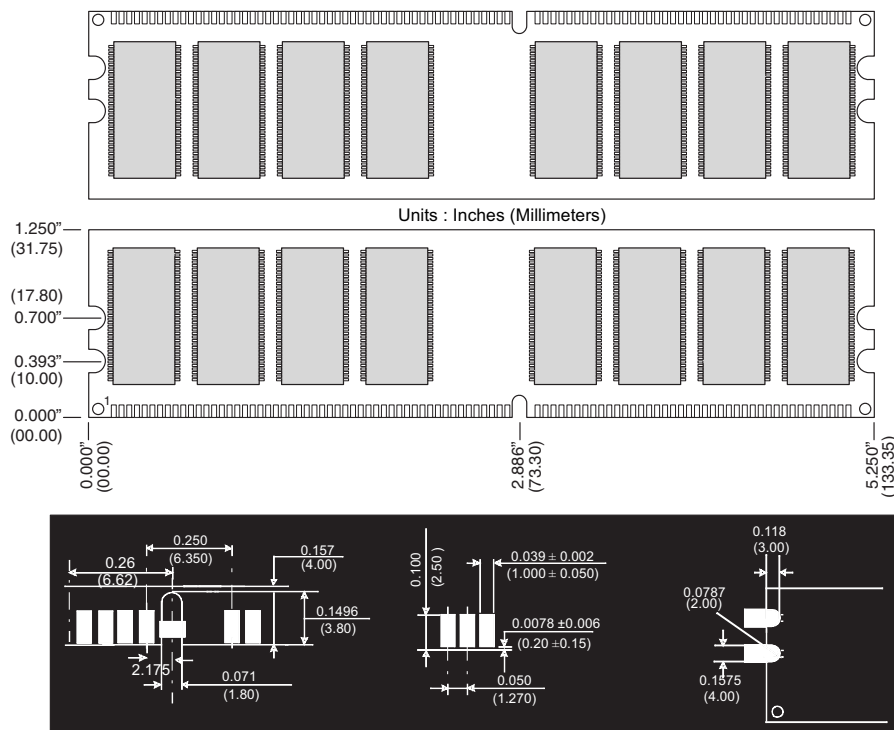


Figure 1: KVR266X64C2/512 184-Pin DDR SDRAM Module