

KVR133X64SC3/512 PC133 SDRAM 144-Pin CL3 SODIMM Memory Module

DESCRIPTION:

This document describes ValueRAM's CL3 64M x 64-bit (512MB) SDRAM (Synchronous DRAM) PC133 Small Outline DIMM memory module. The components on this module include sixteen 32M x 8-bit (8M x 8-bit x 4 Bank / PC133 components) 8K Refresh SDRAM in CSP packages. This 144-pin SODIMM uses gold contact fingers and requires +3.3V. The electrical and mechanical specifications are as follows:

FEATURES:

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|--------------------------|--|
| ✓ CLK Cycle Time (tCC) | min. = 7.5ns (CAS Latency = 3) / max. = 1000ns |
| ✓ Row Cycle Time (tRC) | 65ns |
| ✓ CLK to Output (tSAC) | max. = 5.4ns (CAS Latency = 3) |
| ✓ Single Power Supply of | +3.3V (+/- .3V) |
| ✓ Power | 2.921 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).

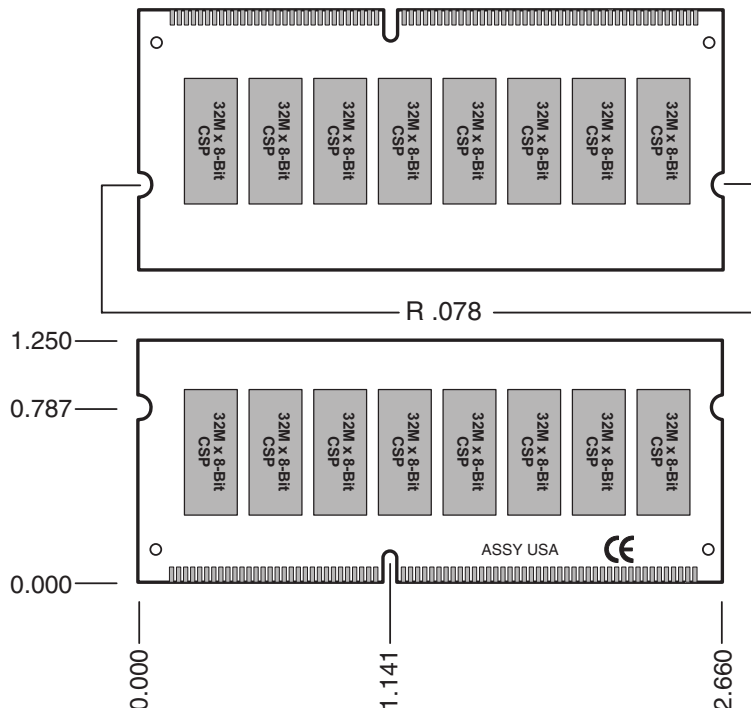


Figure 1: KVR133X64SC3/512 144-Pin SDRAM Module