

KVR66X64SO/128 66MHz SDRAM 144-Pin Small Outline DIMM Memory Module

DESCRIPTION:

This document describes ValueRAM's 16M x 64-bit (128MB) SDRAM (Synchronous DRAM) memory module. The components on this module include eight 8M x 16-bit (2M x 16-bit x 4 Bank / PC66 components) 4K Refresh SDRAM in TSOP packages. This 144-pin Small Outline DIMM 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. = 10ns (CAS Latency = 3) / max. = 1000ns |
| ✓ Row Cycle Time (tRC) | min. = 13ns (CAS Latency = 2) / max. = 1000ns |
| ✓ CLK to Output (tSAC) | 80ns |
| | max. = 7ns (CAS Latency = 3) |
| | max. = 7ns (CAS Latency = 2) |
| ✓ Single Power Supply of | +3.3V (+/- .3V) |
| ✓ Power | 1.782 W (operating) |
| ✓ UL Rating | 94 V - 0 |

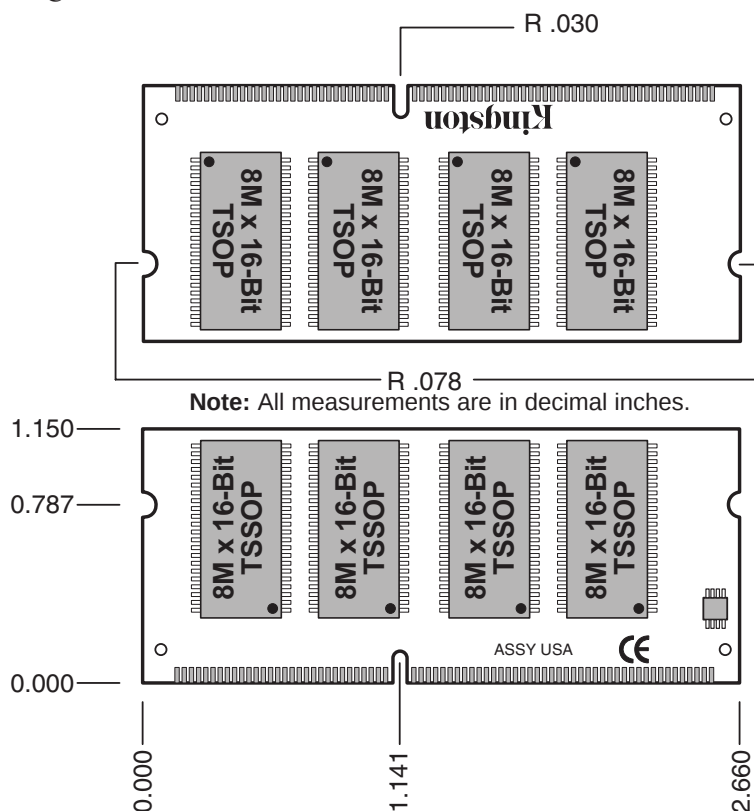


Figure 1: KVR66X64SO/128 128MB 144-Pin SDRAM Module