

KVR16S11D6A/4WP

4GB 2Rx16 512M x 64-bit

PC3-12800 CL11 204-Pin SODIMM

DESCRIPTION

This document describes ValueRAM's 512M x 64-bit (4GB) DDR3-1600 CL11 SDRAM (Synchronous DRAM) 2Rx16, memory module. The SPD is programmed to JEDEC standard latency DDR3-1600 timing of 11-11-11 at 1.5V. This 204-pin SODIMM uses gold contact fingers. The electrical and mechanical specifications are as follows:

FEATURES

- JEDEC standard 1.5V (1.425V ~1.575V) Power Supply.
- VDDQ = 1.5V (1.425V ~ 1.575V).
- 800MHz fCK for 1600Mb/sec/pin.
- Average Refresh Period 7.8us at lower than TCASE 85°C, 3.9us at 85°C < TCASE < 95°C.
- Asynchronous Reset.
- PCB : Height 1.180" (30.00mm).
- Non-ECC.
- Unbuffered SODIMM.
- Density 2Gbit.

SPECIFICATIONS

CL(IDD)	11 cycles
Operating Temperature	0° C to 85° C
Storage Temperature	-55° C to +100° C

*Power will vary depending on the SDRAM used.

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MODULE DIMENSIONS: