

KVR16LN11D6A/4WP

4GB 2Rx16 512M x 64-bit

PC3L-12800 CL11 240-Pin DIMM

DESCRIPTION

This document describes ValueRAM's 512M x 64-bit (4GB) DDR3L-1600 CL11 SDRAM (Synchronous DRAM), 2Rx16, low voltage, memory module. The SPD is programmed to JEDEC standard latency DDR3-1600 timing of 11-11-11 at 1.35V or 1.5V. This 240-pin DIMM uses gold contact fingers. The electrical and mechanical specifications are as follows:

SPECIFICATIONS

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

FEATURES

- JEDEC standard 1.35V and 1.5V Power Supply.
- VDDQ = 1.35V and 1.5V.
- 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: 0.740" (18.75mm) or 1.180" (30.00mm).
- Non-ECC.
- Unbuffered DIMM.
- Density 2Gbit.

Important Information: 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.

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MODULE DIMENSIONS:

