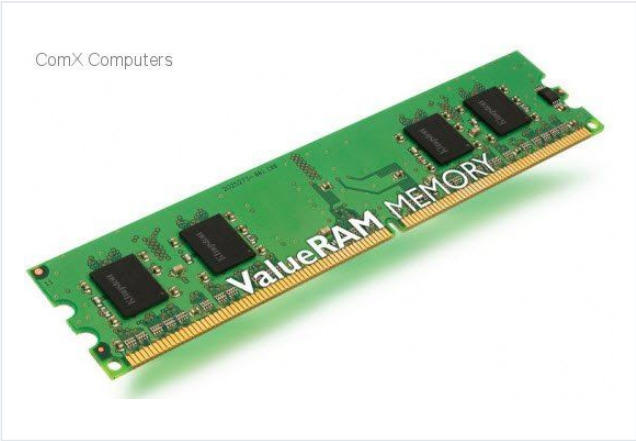


ME-K2V16C11

Kingston ValueRam 2Gb DDR3-1600 240pin Desktop Memory

Product Overview

Kingston ValueRam KVR16N11S6/2, 2Gb DDR3-1600, CL11, 1.5v - 240pin



Specifications

Overview:

This document describes ValueRAM's 256M x 64-bit (2GB) DDR3-1600 CL11 SDRAM (Synchronous DRAM) 1Rx16, memory module, based on four 256M x 16-bit FBGA components. The SPD is programmed to JEDEC standard latency DDR3-1600 timing of 11-11-11 at 1.5V. This 240-pin DIMM uses gold contact fingers

Features:

- JEDEC standard 1.5V (1.425V ~1.575V) Power Supply
- VDDQ = 1.5V (1.425V ~ 1.575V)
- 800MHz fCK for 1600Mb/sec/pin
- 8 independent internal bank
- Programmable CAS Latency: 11, 10, 9, 8, 7, 6
- Programmable Additive Latency: 0, CL - 2, or CL - 1 clock
- 8-bit pre-fetch
- Burst Length: 8 (Interleave without any limit, sequential with starting address "000" only), 4 with tCCD = 4 which does not allow seamless read or write [either on the fly using A12 or MRS]
- Bi-directional Differential Data Strobe
- Internal(self) calibration : Internal self calibration through ZQ pin (RZQ : 240 ohm +/- 1%)
- On Die Termination using ODT pin
- Average Refresh Period 7.8us at lower than TCASE 85 degreesC, 3.9us at 85 degreesC < TCASE < 95 degreesC
- Asynchronous Reset
- PCB : Height 1.180" (30.00mm), single sided component

Specifications:

CL(IDD)	11 cycles
Row Cycle Time (tRCmin)	48.125ns (min.)

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Product Specification Sheet

Refresh to Active / Refresh Command Time (tRFCmin)	260ns (min.)
Row Active Time (tRASmin)	35ns (min.)
Maximum Operating Power	1.170 W*
UL Rating	94 V - 0
Operating Temperature	0deg C to 85deg C
Storage Temperature	under.55deg over100deg C

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/ME-K2V16C11-Kingston-ValueRam-2Gb-DDR3-1600-240pin-Buy-p-88828.php>

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