ComX Computers
Product Specification Sheet

ME-K4N8V32C22

Kingston Valueram 8GB DDR4-3200 CL22 1.2V SO-DIMM Notebook Memory

Product Overview

Kingston KVR32S22S8/8 DDR4 Nb so-dimm 8Gb Valueram, 3200 (pc4-25600), CL22 - 260pin, 1.2V - Retail pack



Specifications

Overview:

This document describes ValueRAM's KVR32S22S8/8 is a 1G x 64-bit (8GB) DDR4-3200 CL22 SDRAM (Synchronous DRAM), 1Rx8, non-ECC, memory module, based on eight 1G x 8-bit FBGA components. The SPD is programmed to JEDEC standard latency DDR4-3200 timing of 22-22-22 at 1.2V. This 260-pin DIMM uses gold contact fingers.

Features:

- Power Supply: VDD = 1.2V Typical
- VDDQ = 1.2V Typical
- VPP = 2.5V Typical
- VDDSPD = 2.2V to 3.6V
- Nominal and dynamic on-die termination (ODT) for data, strobe, and mask signals
- Low-power auto self refresh (LPASR)
- Data bus inversion (DBI) for data bus
- On-die VREFDQ generation and calibration
- Single-rank
- On-board I2 serial presence-detect (SPD) EEPROM
- 16 internal banks; 4 groups of 4 banks each
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
- Selectable BC4 or BL8 on-the-fly (OTF)
- Fly-by topology
- Terminated control command and address bus
- PCB: Height 1.18" (30.00mm)
- RoHS Compliant and Halogen-Free

Specifications:

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Specifications	
Product Code	ME-K4N8V32C22
CL(IDD)	22 cycles
Row Cycle Time (tRCmin)	45.75ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	350ns(min.)
Row Active Time (tRASmin)	32ns(min.)
UL Rating	94 V - 0

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-K4N8V32C22-Kingston-Valueram-8GB-DDR4-3200-CL22-1-2V-SO-DIMM-Notebook-Memory-p-234156.php

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PDF generated: 2026-11-06 13:02:57.

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