

AA3200D4SR8S/8G

JEDEC Standard 8GB DDR4-3200MHz Unbuffered Single Rank x8 1.2V 260-pin CL22 SODIMM

Features:

- JEDEC standard
- 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

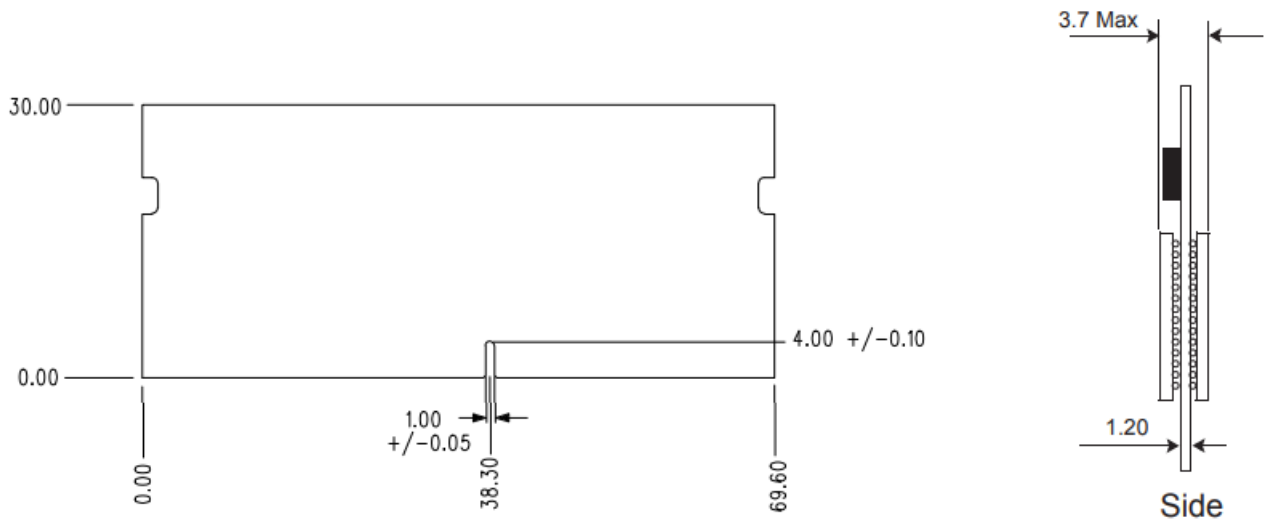
Product Description

This Industry Standard 8GB DDR4-3200MHz Single Rank Unbuffered 1.2V 260-pin CL22 SODIMM is 100% guaranteed to be compatible with your system and to work right the first time. Adding additional memory is the best way to increase the performance of your system. All our memory is built to strict JEDEC standards to meet or exceed the Tier 1 OEM's factory requirements. Our products are also guaranteed by federal law to not affect or void OEM warranties.

Specifications

Parameter	Specification
Form Factor	SODIMM
Technology	DDR4
Memory Size	8GB
Speed	DDR4-3200MHz
Pin Quantity	260
Memory Voltage	1.2V
Chip By Value	X8
Cas Latency	CL21
DIMM Type	Unbuffered
Rank	Single
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	94V - 0
Operating Temperature	0°C to 85°C
Storage Temperature	-55°C to 100°C

Mechanical Specifications



All Measurements are in Millimeters
 (Tolerances on All Dimensions are ± 0.12 Unless Otherwise Specified)

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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