

HYES424008S09

1 Gig x64 DDR4 SDRAM DIMM based on 512x8 8Banks, 8K Refresh, 1.2V Synchronous DRAMs with SPD.



DESCRIPTION

The HypertecLite® 8GB DDR4 SODIMM 512x8 memory module is organised as 1 Gig x 64 bits in a 260 pin memory module. The 8GB memory module uses 16 pieces 512M x 8 DDR4 SDRAMs. The x64 modules are ideal for use in high performance computer systems where increased memory density and fast access are required. The SPD is programmed to JEDEC standard latency and timing at 1.2V, this SODIMM uses gold edge contacts..

FEATURES

- 260-pin, Unbuffered Small Outline Double Rate Synchronous DRAM In-Line Memory Module (SODIMM)
- Reset pin for improved system stability
- Burst length (BL) switch on-the-fly BL8 or BC4 (Burst Chop)
- On-Die Termination (ODT)
- Temperature sensor with integrated SPD
- Per DRAM Addressability is supported
- Internal Vref DQ level generation is available
- Single Rank
- Gold edge contacts
- Lead free and ROHS compliant
- Low power auto self refresh (LPASR)

SPECIFICATIONS

Programmable CAS Latency	15,17
Fast Data Transfer Rates	PC4 - 2400, PC4 - 2133
Capacity	8GB (1 Gig x64)
VDD = VDDQ	1.2V
VDDSPD	2.25V to 2.75V
Banks	16 internal banks
Operating Temperature	0°C to 85°C
Storage Temperature	-55°C to =100°C



PLEASE NOTE: The Hypertec module defined in this specification is one of several configurations available under this part number. All configurations are compatible, however, the DRAM combination and/or Memory module height may vary.