

Standard

DDR2 SO-DIMM

When it comes to memory, Transcend has more technical prowess, manufacturing resources and quality control expertise than the competition, which allows us to produce the most stable and reliable memory modules in the industry. Our DDR2 SO-DIMMs use only the finest quality memory chips and components, and are rigorously tested for compatibility and reliability, making them suitable for use in notebooks, small-format computers, POS terminals, portable computers and more.

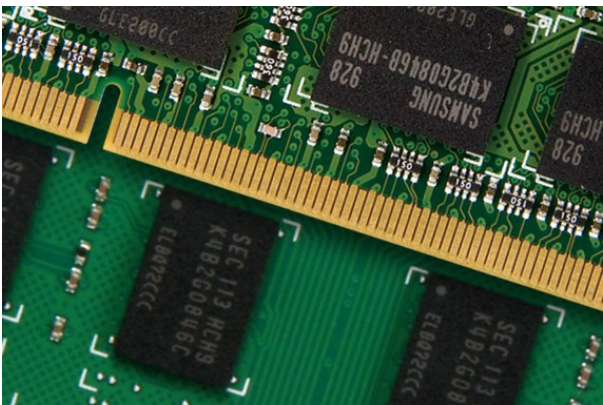


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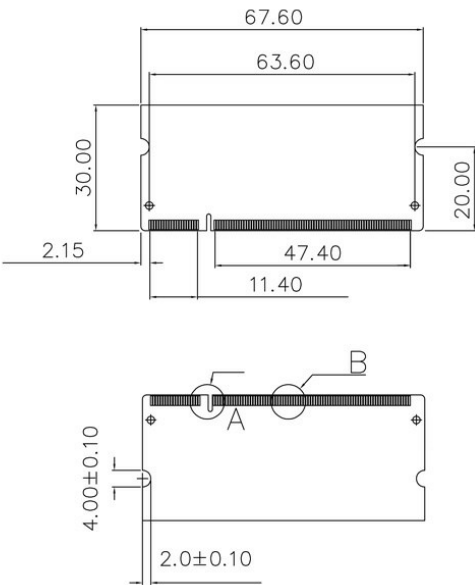


Features

- JEDEC standard 1.8V $\pm$ 0.1V power supply
- Programmable Additive Latency: 0, 1, 2, 3 and 4
- Write Latency (WL) = Read Latency (RL)-1
- Burst Length: 4, 8 (Interleave / nibble sequential)
- Programmable sequential / Interleave Burst Mode
- Off-Chip Driver (OCD) Impedance Adjustment
- On-die termination with ODT pin
- Serial presence detect with EEPROM
- 100% tested for stability, compatibility and performance



Specifications



Module Type	DDR2 Unbuffered SO-DIMM
Frequency	266/333/400MHz for 533/667/800Mb/s/Pin
Number of Rank(s)	1 rank / 2 ranks
Number of Pin(s)	200 pin
Capacity	256MB / 512MB / 1GB / 2GB
DRAM Configuration	64Mx8 / 64Mx16 / 128Mx8
Timing Description	4-4-4 / 5-5-5 / 6-6-6
Voltage	1.8V
PCB Height	1.18 inches
Operating Temperature	0 ~ 85 °C

[See more](#)

Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios.

For special applications and environments, it is strongly suggested to contact Transcend beforehand for clarification.

Order Information

256MB

TS32MSQ64V6M DDR2 667 SO-DIMM 5-5-5
1Rx16

512MB

TS64MSQ64V5J DDR2 533 SO-DIMM 4-4-4
1Rx8

TS64MSQ64V5M DDR2 533 SO-DIMM 4-4-4
2Rx16

TS64MSQ64V6J DDR2 667 SO-DIMM 5-5-5
1Rx8

TS64MSQ64V6M DDR2 667 SO-DIMM 5-5-5
2Rx16

TS64MSQ64V6Q DDR2 667 SO-DIMM 5-5-5
1Rx16

TS64MSQ64V8Q DDR2 800 SO-DIMM 6-6-6
1Rx16

1GB

TS128MSQ64V5J DDR2 533 SO-DIMM 4-4-4
2Rx8

TS128MSQ64V5U DDR2 533 SO-DIMM 4-4-4
1Rx8

TS128MSQ64V6J DDR2 667 SO-DIMM 5-5-5
2Rx8

TS128MSQ64V6U DDR2 667 SO-DIMM 5-5-5
1Rx8

TS128MSQ64V8U DDR2 800 SO-DIMM 6-6-6
1Rx8

TS128MSQ64V8W DDR2 800 SO-DIMM 6-6-6
2Rx16

2GB

TS256MSQ64V5U DDR2 533 SO-DIMM 4-4-4
2Rx8

TS256MSQ64V6U DDR2 667 SO-DIMM 5-5-5
2Rx8

TS256MSQ64V8U DDR2 800 SO-DIMM 6-6-6
2Rx8



Product Sheet

View or download the product sheet for detailed product and ordering information.



Compatibility

Check the compatibility of your Transcend product with your computer system or electronic devices.

Solutions

Industrial SSD Solutions

Industrial Flash Solutions

Industrial SD/CF/MMC

Industrial DRAM Module

Applications

Embedded

Gaming

Transportation

Healthcare

Server

Automation

Military

Technologies

IPS

SuperMLC

Conformal Coating

Underfill

Wide Temperature

AES Encryption

Anti-Sulfur Technology

TCG Opal Specifications

Hardware Purge

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Advantage

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Sales Inquiries

Contact the sales team with any inquiries you may have.

Get started