DDR SDRAM DIMM MODULE,2.5V
512MByte - 64MX72
AVM7264U39C5266K1

FEATURES

JEDEC DDR PC-2100 266MHz Version 1.0

- Clock frequency: 133MHz with CAS latency 2.5
- 256 byte serial EEPROM
- Data input and output masking
- Programmable burst length: 2, 4, 8
- Programmable burst type: sequential and interleave
- Programmable CAS latency: 2.5
- Auto refresh and self refresh capability
- Gold card edge fingers
- 8K refresh per 64ms
- Low active and standby current consumption
- SSTL-2 compatible inputs and outputs
- Decoupling capacitors at each memory device
- Double-sided module
- 1.25 inch height

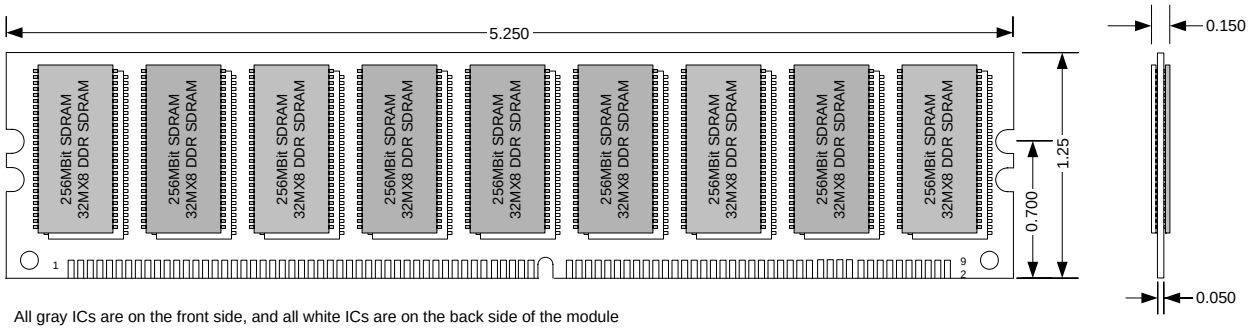
DESCRIPTION

The AVM7264U39C5266K1 is a 184 pin Unbuffered DDR SDRAM DIMM memory module. This module is JEDEC Pinout compatible. A 256 byte serial EEPROM on board can be used to store module information such as timing, configuration, density, etc.

The AVM7264U39C5266K1 memory module is 512 MByte and organized as 64MX72 array using (18) 32MX8 DDR SDRAMs in TSSOP II packages.

This memory module is fabricated using the latest technology design, six-layer printed circuit board substrate construction with low ESR decoupling capacitors on-board for high reliability and low noise.

PHYSICAL DIMENSIONS



All gray ICs are on the front side, and all white ICs are on the back side of the module

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Avant™ Technology LP.
9715A Burnet Rd. Suite #500 Austin, TX 78758
Ph (512) 491-7411 Fax (512) 651-5251

Avant Ordering Guides

AV	M	72	64	U	39	C	5	266	K	1
INVENTORY	**MOD. TYPE**	**ORG.**	**DENSITY**	**PARITY**	**TYPE**	**VOLT.**	**FEATURE**	**SPEED**	**MODE**	**REV**
AV = AVANT	M=184-PIN DDR DIMM	72=X72	64 = 64M	U=UNBUFFERED	39=8Mx8x4 (DDR SDRAM)	C = 2.5V	5=CAS LATENCY 2.5	266MHZ	K=DDR SDRAM	REV=1

Other options may be available. Call for specific part number information on options not listed.

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