



DDR SDRAM DIMM MODULE, 2.5V 512MByte - 64MMx64 AVM6464U39C5400K5-AP

FEATURES

JEDEC DDR 400MHz PC3200, Lead-Free, RoHS compliant

- Clock frequency: 200MHz 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
- 8K refresh per 64ms
- Low active and standby current consumption
- SSTL-2 compatible inputs and outputs
- Decoupling capacitors at each memory device
- Gold card edge fingers
- Double-sided module
- 29.46mm (1.16 inch) height

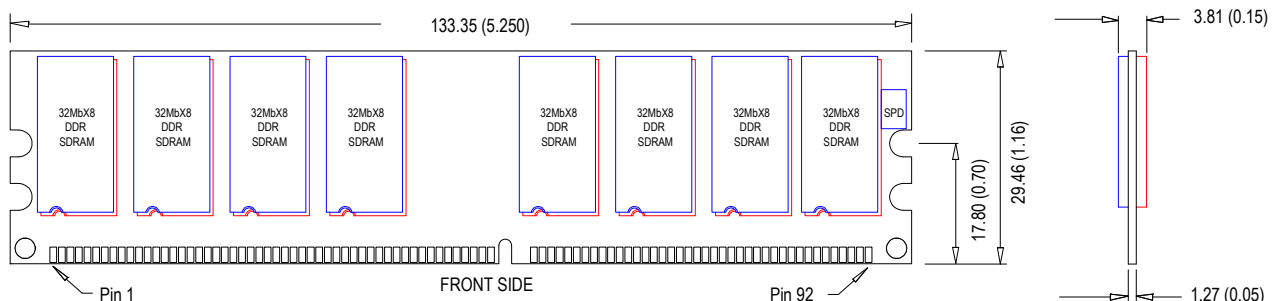
DESCRIPTION

The AVM6464U39C5400K5-AP 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 AVM6464U39C5400K5-AP memory module is 512MByte and organized as 64Mx64 array using (16) 32Mx8 DDR SDRAMs in lead-free, TSSOP II packages.

All memory modules are 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



- NOTES: 1- All dimensions are in millimeters (inches)
2- All blue ICs are on the front, and all red ICs are on the back side of the module.
3- The dimensional drawings are for reference only. Refer to the JEDEC document for additional information.

Avant Ordering Guides

INVENTORY	MOD. TYPE	ORG.	DENSITY	PARITY	TYPE	VOLTAGE	FEATURE	SPEED	MODE	REV
AV = AVANT	M = 184-PIN DDR DIMM	64 = X64	64 = 64M	U=UNBUFFERED	39 = 8Mx8x4 (DDR SDRAM)	C = 2.5V	5 = CAS LATENCY 2.5	400MHz	K = DDR	REV=5

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



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