



# DDR SDRAM DIMM MODULE, 2.5V

## 512MByte - 64Mx64

### AVM6464U52C2266K5-AP

## FEATURES

JEDEC DDR 266MHz PC2100, Lead-Free, RoHS compliant

- Clock frequency: 133MHz with CAS latency 2
- 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
- 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
- Single-sided module
- 29.46mm (1.16 inch) height

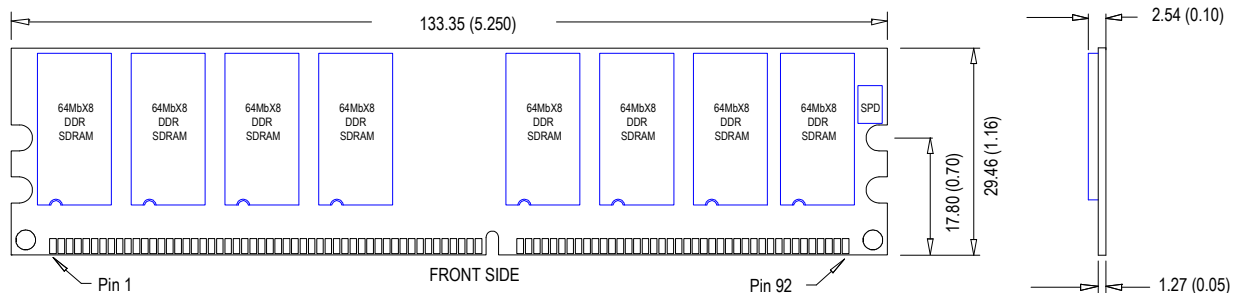
## DESCRIPTION

The AVM6464U52C2266K5-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 AVM6464U52C2266K5-AP memory module is 512MByte and organized as 64Mx64 array using (8) 64Mx8 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- 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	52 = 16Mx8x4 (DDR SDRAM)	C = 2.5V	2 = CAS LATENCY 2	266MHz	K = DDR	REV=5

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



Avant™ Technology LP., reserves the right to change products or specifications without notice.