

## 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

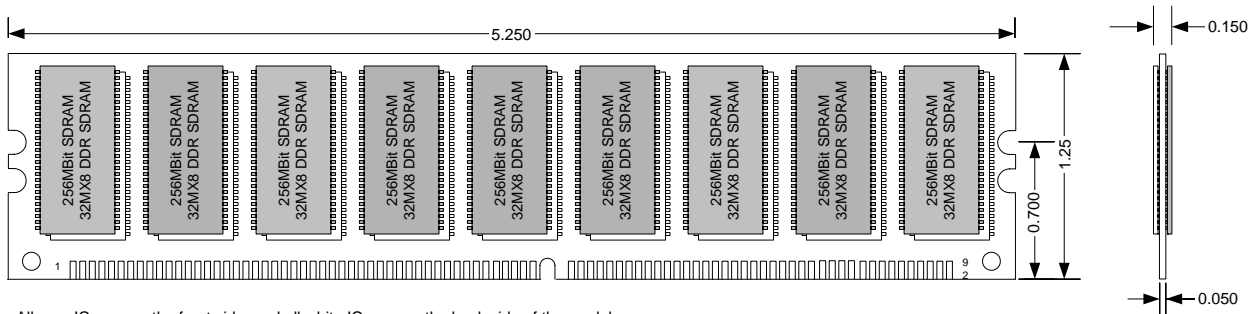
## DESCRIPTION

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



**Avant Ordering Guides**

<b>AV</b>	<b>M</b>	<b>72</b>	<b>64</b>	<b>U</b>	<b>39</b>	<b>C</b>	<b>5</b>	<b>266</b>	<b>K</b>	<b>1</b>
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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