



DDR SDRAM DIMM MODULE, 2.5V 1GByte - 128MX72 AVM7228U52C2266K1-AP

FEATURES

JEDEC DDR 266MHz Version 1.0, Lead Free, RoHS compliant

- Clock frequency: 133MHz with CAS latency 2
- 56 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
- 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
- 31.75mm (1.25 inch) height
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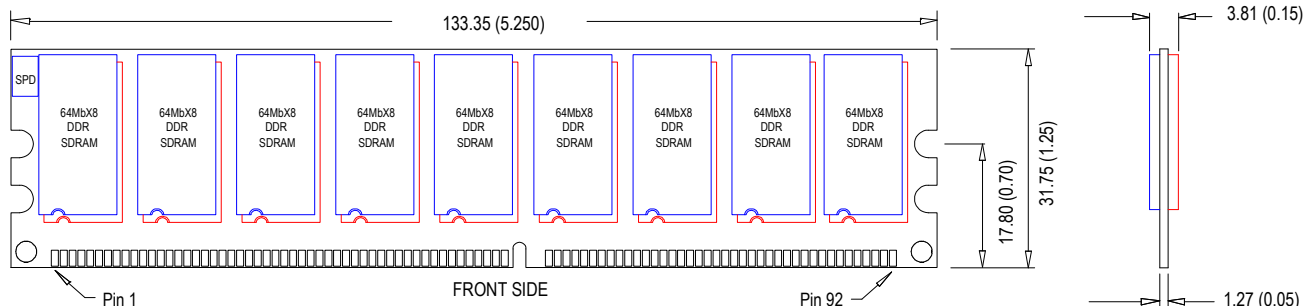
DESCRIPTION

The AVM7228U52C2266K1-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 AVM7228U52C2266K1-AP memory module is 1GByte and organized as 128MX72 array using (18) 64MX8 DDR SDRAMs in lead free, 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



- 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

AV	M	72	28	U	52	C	2	266	K	1
INVENTORY	MOD. TYPE	ORG.	DENSITY	PARITY	TYPE	VOLT.	FEATURE	SPEED	MODE	REV
AV = AVANT	M=184-PIN DDR DIMM	72=X72	28=128M	U=UNBUFFERED	52=16Mx8x4 (DDR SDRAM)	C = 2.5V	2=CAS LATENCY 2	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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