SDRAM DIMM MODULE, 3.3V
128MByte - 16MX72 ECC
AVE7216U31A2133E3

FEATURES

INTEL PC133 Version 1.0

- Clock frequency: 133MHz with CAS latency 2 and 3
- Burst read / write and burst read / single write capability
- Data input and output masking
- Programmable burst length: 1, 2, 4, 8 and full page
- Programmable burst type: sequential and interleave
- Auto refresh and self refresh capability
- 4K refresh per 64ms
- 256 byte serial EEPROM
- LVTTL-compatible inputs and outputs
- Low active and standby current consumption
- Decoupling capacitors at each memory device
- Double-sided module
- 1.15 inch height
- Gold card edge fingers

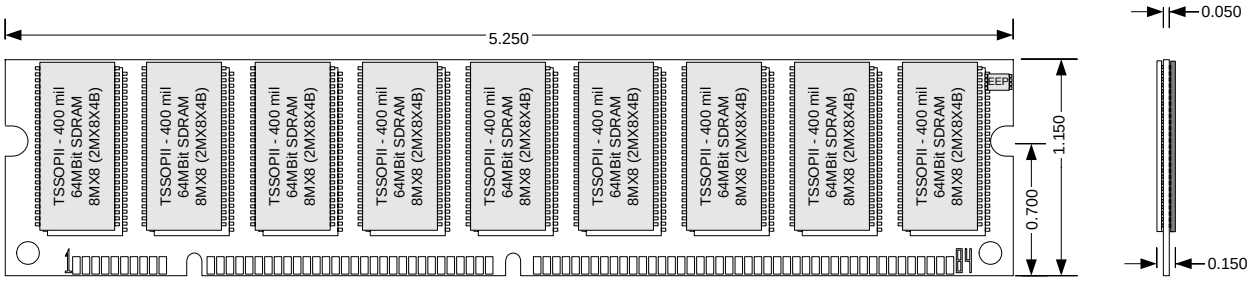
DESCRIPTION

The AVE7216U31A2133E3 is an Unbuffered SDRAM DIMM memory module. This module is based on INTEL PC133 SDRAM DIMM version 1.0. A 256 byte serial EEPROM on board can be used to store module information such as timing, configuration, density, etc.

The AVE7216U31A2133E3 memory module is 128MByte and organized as 16MX72 ECC array using (18) 8MX8 (4 internal banks) SDRAMs in 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



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

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Avant Ordering Guides

AV	E	72	16	U	31	A	2	133	E	3
INVENTORY	**MOD. TYPE**	**ORG.**	**DENSITY**	**PARITY**	**TYPE**	**VOLT.**	**FEATURE**	**SPEED**	**MODE**	**REV**
AV = AVANT	E = 168 PIN DIMM	72=X72	16=16M	U=UNBUFFERED	31=2Mx8x4 (4K)	A=3.3V	2=CAS LATENCY 2 & 3	133MHz	E=SYNC	REV=3

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.

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