

## FEATURES

INTEL PC133 Version 1.0

- Clock frequency: 133MHz with CAS latency 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
- CAS latency: 3
- Auto refresh and self refresh capability
- 8K refresh per 64ms
- 256 byte serial EEPROM
- LVTTTL-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

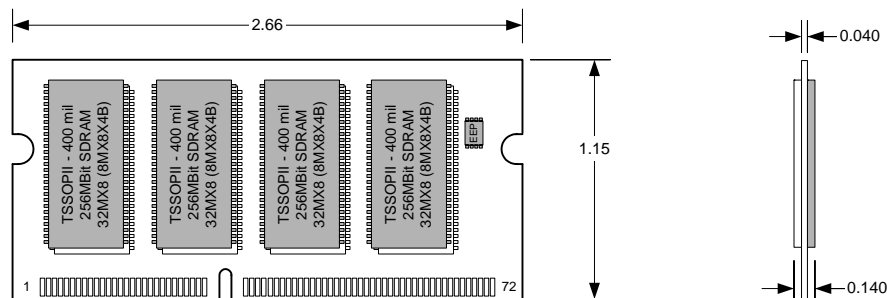
## DESCRIPTION

The AVD6432U39A3133E0 is Unbuffered SDRAM SODIMM memory module. This module is based on INTEL PC133 SDRAM SODIMM Version 1.0. A 256 byte serial EEPROM on board can be used to store module information such as timing, configuration, density, etc.

The AVD6432U39A3133E0 memory module is 256MByte and organized as a 32MX64 array using (8) 32MX8 (4 internal banks) SDRAMs in TSSOP II packages.

All memory modules are fabricated using the latest technology design, 4 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 front side of the module. And all white ICs are on the back side of the module.

TSSOP Package

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INVENTORY	MOD. TYPE	ORG.	DENSITY	PARITY	TYPE	VOLT.	FEATURE	SPEED	MODE	REV
AV=AVANT	D = 144-PIN SODIMM	64=X64	32=32M	U=UNBUFFERED	39=8MX8x4 (8K)	A=3.3V	2=CAS LATENCY 3	133MHz	E=SYNC	DEF=0

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



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