



# SDRAM SO-DIMM MODULE, 3.3V 128MByte - 16MX64 AVD6416U40A3133E0

## 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
- Single-sided module
- Gold card edge fingers
- 31.75mm (1.25 inch) height

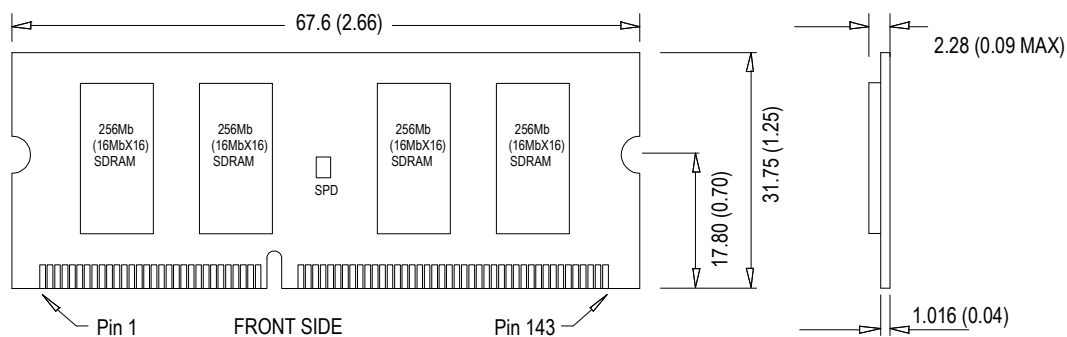
## DESCRIPTION

The AVD6416U40A3133E0 is an Unbuffered SDRAM SODIMM memory module. This module is based on INTEL PC133 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 AVD6416U40A3133E0 memory module is 128MByte and organized as a 16MX64 array using (4) 16MX16 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



NOTES: 1- All dimensions are in millimeters (inches)

2- The dimensional drawings are for reference only. Refer to the JEDEC document for additional information.

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<b>AV</b>	<b>D</b>	<b>64</b>	<b>16</b>	<b>U</b>	<b>40</b>	<b>A</b>	<b>3</b>	<b>133</b>	<b>E</b>	<b>0</b>
INVENTORY	MOD. TYPE	ORG.	DENSITY	PARITY	TYPE	VOLT.	FEATURE	SPEED	MODE	REV
Av = AVANT	D = 144-PIN SODIMM	64=X64	16 = 16M	U=UNBUFFERED	40=16MX16x4 (8K)	A=3.3V	3 = 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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