



DDR SDRAM SO-DIMM MODULE, 2.5V 256MByte - 32MX64 AVK6432U40C5333K2

FEATURES

JEDEC Compliant DDR 333MHz PC2700 Version 1.0

- Clock frequency: 166MHz 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
- 31.75mm (1.25 inch) height

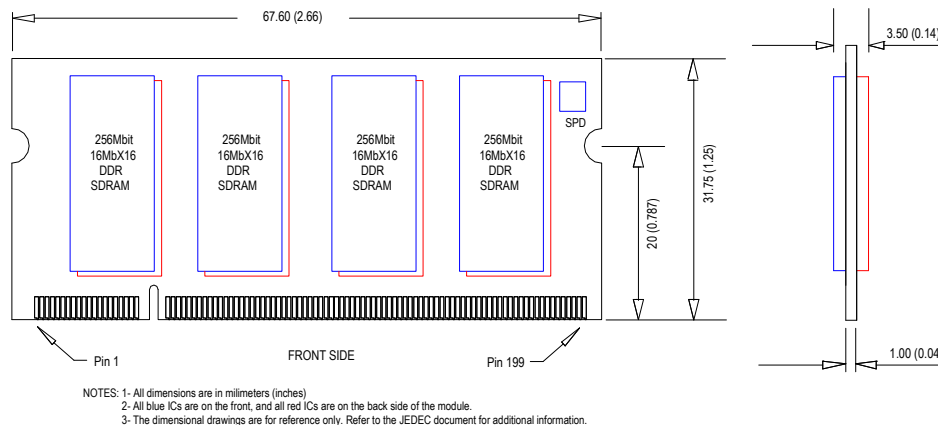
DESCRIPTION

The AVK6432U40C5333K2 is an Unbuffered DDR SDRAM SODIMM memory module. This module is JEDEC standard 200-pin, small-outline, dual in-line memory module. A 256 byte serial EEPROM on board can be used to store module information such as timing, configuration, density, etc.

The AVK6432U40C5333K2 memory module is 256MByte and organized as a 32MX64 array using (8) 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



Avant Ordering Guides

AV	K	64	32	U	40	C	5	333	K	2
INVENTORY	MOD. TYPE	ORG.	DENSITY	PARITY	TYPE	VOLT.	FEATURE	SPEED	MODE	REV
AV = AVANT	K = 200-PIN SO-DIMM	64 = X64	32 = 32M	U=UNBUFFERED	40 = 16MX16x4 (8K)	C = 2.5V	5 = CAS LATENCY 2 .5	333MHz	K = DDR SDRAM	REV=2

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



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