DDR2 SDRAM UNBUFFERED DIMM MODULE,1.8V
512MByte - 64MX72 ECC
AVF7264U52E5667F1

FEATURES

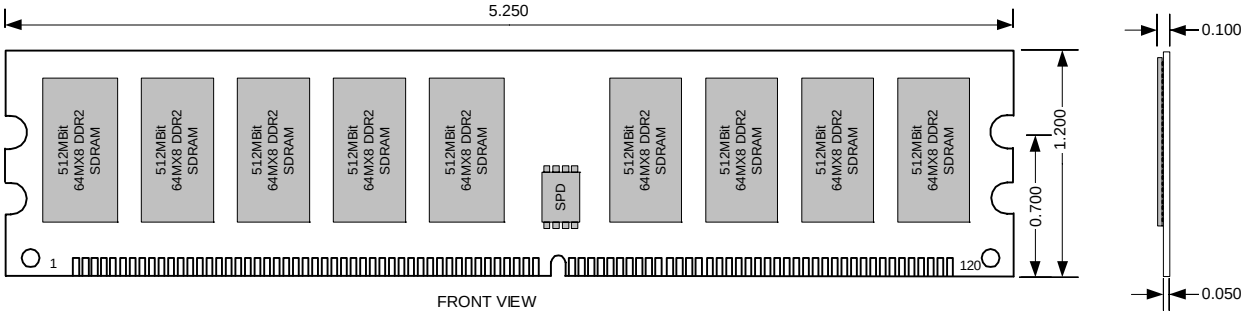
JEDEC DDR2 PC2-5300 667MHz

- Clock frequency: 333MHz with CAS latency 5
- 256 byte serial EEPROM
- Data input and output masking
- Programmable burst length: 4, 8
- Programmable burst type: sequential and interleave
- Programmable CAS latency: 5
- Bi-directional Differential Data-Strobe
- Gold card edge fingers
- 8K refresh per 64ms
- Low active and standby current consumption
- On Die Termination
- Auto refresh and self refresh capability
- Single-sided module
- 1.20 inch height

DESCRIPTION

The AVF7264U52E5667F1 is an Unbuffered DDR2 SDRAM DIMM module. This module is JEDEC Pinout compatible DDR2 SDRAM Unbuffered DIMM. A 256 byte serial EEPROM on board can be used to store module information such as timing, configuration, density, etc.
The AVF7264U52E5667F1 memory module is 512MByte and organized as 64MX72 array using (9) 64MX8 DDR2 SDRAMs in FBGA packages.
The module PCB 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



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Avant Ordering Guides

AV	F	72	64	U	52	E	5	667	F	1
INVENTORY	MOD. TYPE	ORG.	DENSITY	PARITY	TYPE	VOLT.	FEATURE	SPEED	MODE	REV
AV=AVANT	F=240-PIN DDR2 DIMM	72=x72	64 = 64M	U = Unbuffered	52 = 16Mx8x4 (DDR2 SDRAM)	E=1.8V	5 = CAS LATENCY 5	667MHZ	F=DDR2 SDRAM	REV=1

Other options may be availableCall 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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