DDR3 SDRAM UNBUFFERED DIMM MODULE,1.5V
2GByte - 256MX64
AVF6456U61F9333G2-AP

FEATURES

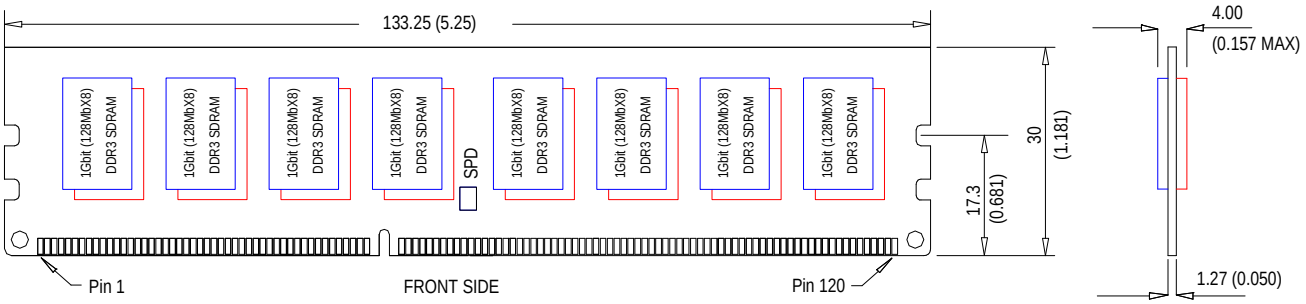
JEDEC DDR3 PC3-10600 1333MHz, Lead-Free, RoHS compliant

- Clock frequency: 667MHz with CAS latency 9
- 256 byte serial EEPROM
- Data input and output masking
- Programmable Partial Array Self-Refresh (PASR)
- Programmable Output driver impedance control
- Programmable CAS latency: 9
- Burst lengths (BL): 8 and 4 with Burst Chop (BC)
- Bi-directional Differential Data-Strobe
- Gold card edge fingers
- 8K refresh per 64ms
- Low active and standby current consumption
- On Die Termination (ODT)
- Auto refresh and self refresh capability
- Double-sided module
- 30mm (1.181 inch) height

DESCRIPTION

The AVF6456U61F9333G2-AP is an Unbuffered DDR3 SDRAM DIMM module. This module is JEDEC Pinout compatible DDR3 SDRAM Unbuffered DIMM. A 256 byte serial EEPROM on board can be used to store module information such as timing, configuration, density, etc.
The AVF6456U61F9333G2-AP memory module is 2GByte and organized as 256MX64 array using (16) 128MX8 DDR3 SDRAMs in lead free, 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



NOTES: 1- All dimensions are in milimeters (inches)
2- The dimensional drawings are for reference only. Refer to the JEDEC document for additional information.
3- All blue ICs are on the front, and all red ICs are on the back side of the module.

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Avant™ Technology LP.
9715A Burnet Rd. Suite #500 Austin, TX 78758
Ph (512) 491-7411 Fax (512) 651-5251

Avant Ordering Guides

AV	F	64	56	U	61	F	9	333	G	2
INVENTORY	**MOD. TYPE**	**ORG.**	**DENSITY**	**PARITY**	**TYPE**	**VOLT.**	**FEATURE**	**SPEED**	**MODE**	**REV**
AV=AVANT	F=240-PIN DIMM	64=x64	56=256M	U = Unbuffered	61 = 16Mx8x8 (DDR3 SDRAM)	F = 1.5V	9 = CAS LATENCY 9	1333MHZ	G=DDR3 SDRAM	REV=2

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

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Ph (512) 491-7411 Fax (512) 651-5251