MAGIX®

DDR4 UDIMM

8GB-32GB
2666MHz-3200MHz

DATASHEET

Boost your computer performance with ease

Magix's Memory Modules are designed to help your system run faster and smoother. The installation is straightforward, and no computer skills are required; if you are looking for an easy, reliable and affordable way to upgrade your system, Magix Memory Modules will definitely boost the performance.

Your programs will load faster the responsiveness will increase significantly.

Run data-intensive applications with ease, and increase your desktop's multitasking capabilities.

OVERVIEW:

- Power Supply: VDD=1.2V Typical
- VDDQ = 1.2V Typical
- VPP - 2.5V Typical
- VDDSPD=2.2V to 3.6V
- Nominal and dynamic on-die termination (ODT) for data, strobe, and mask signals
- Low-power auto self refresh (LPASR)
- Data bus inversion (DBI) for data bus
- On-die VREFDQ generation and calibration
- Single-rank
- On-board I2 serial presence-detect (SPD) EEPROM
- 16 internal banks; 4 groups of 4 banks each
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
- Selectable BC4 or BL8 on-the-fly (OTF)
- Fly-by topology
- Terminated control command and address bus
- PCB: Height 1.23" (31.25mm)
- RoHS Compliant and Halogen-Free

Extended Warranty***

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SPECIFICATIONS:

> **Row Cycle Time (tRCmin):** 45.75ns(min.)

> **Refresh to Active/Refresh:** 350ns(min.)

> **Command Time (tRFCmin):** 350ns(min.)

> **Row Active Time (tRASmin):** 32ns(min.)

> **Maximum Operating Power:** TBD W*

> **UL Rating:** 94V-0

> **Pins:** 288

> **Speed:** DDR4-2666MHz
DDR4-3200MHz

> **Bandwidth (MB/s):** PC4-21300
PC4-25600

> **Timing:** 2666MHz 19-19-19-43
3200MHz 22-22-22-52

> **Plug N Play:** Yes

> **Voltage:** 1.2V

> **Memory Standards:** JEDEC

> **Dimensions (mm):** 133*31*3.9mm

> **Operating Temperature:** 0° C to +70° C

> **Storage Temperature:** -40° C to +85° C

> **Warranty/support***:** Limited 10 -year warranty with free technical support

MAGIX PART NUMBERS:

> **DDR4264GBU** : 2666MHz 4GB
> **DDR4268GBU** : 2666MHz 8GB
> **DDR4328GBU** : 3200MHz 8GB
> **DDR42616GBU** : 2666MHz 16GB
> **DDR43216GBU** : 3200MHz 16GB
> **DDR42632GBU** : 2666MHz 32GB
> **DDR43232GBU** : 3200MHz 32GB

*Power will vary depending on the SDRAM used.

*** Warranty conditions on www.magixtechnology.com/wa

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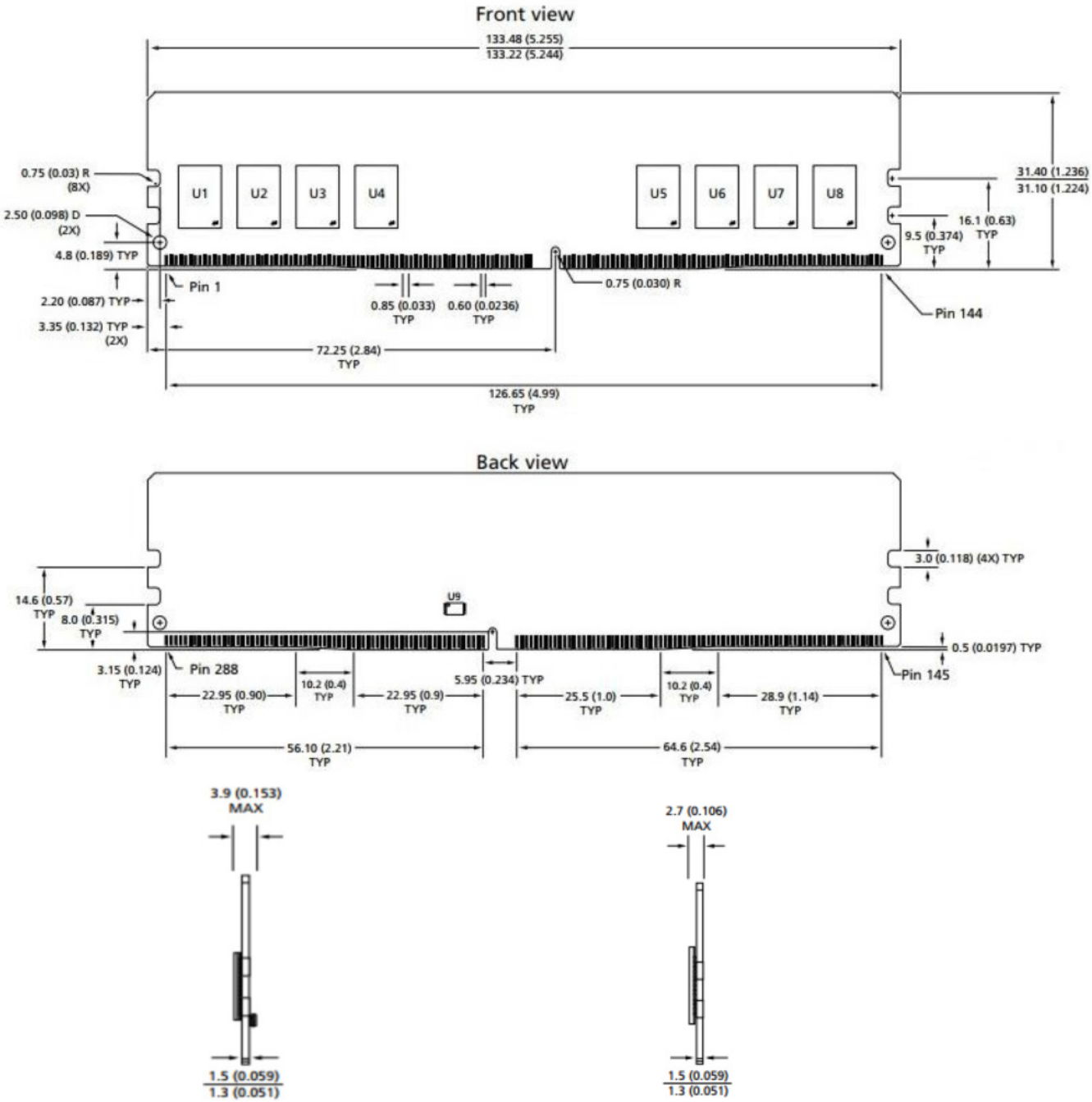
MODULE DIMENSIONS:



The location of U9 may be on the front or on the back, Above Picture is for reference only!