

DRAM Chip DDR3L SDRAM 2Gbit 128Mx16 1.35V 96-Pin VFBGA



Images are for reference only

[Inquiry](#)

Manufacturer: [Winbond Electronics Corporation America](#)

Package/Case: BGA

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The W632GU6NB12I is a DDR3L SDRAM module, typically produced by reputable memory manufacturers like Samsung, SK Hynix, or Micron. The memory module is designed to provide high-speed data access and storage capabilities with reduced power consumption compared to standard DDR3 memory.

Key Features

DDR3L Technology: The memory module uses DDR3L technology, which operates at a lower voltage (usually 1.35V or 1.5V) than traditional DDR3 memory (which operates at 1.5V only). The lower voltage contributes to energy efficiency and reduced heat generation.

Memory Capacity: The "2G" in the part number indicates that the memory module has a capacity of 2 gigabits (Gb), which is equivalent to 256 megabytes (MB).

SDRAM Architecture: The W632GU6NB12I follows the Synchronous Dynamic Random-Access Memory (SDRAM) architecture, which allows for fast data access and retrieval.

High Data Transfer Rates: DDR3L memory modules support high data transfer rates, typically ranging from a few hundred to several thousand megabytes per second (MB/s).

DIMM Form Factor: It is likely in the DIMM (Dual In-Line Memory Module) form factor, making it compatible with standard memory slots found in most computer systems.

Application

Desktop Computers
Laptops and Notebooks
Servers
Networking Devices
Industrial Applications

Recommended For You

W632GU6MB-12

Winbond Electronics Corporation America

FBGA96

W632GG6NB-11

Winbond Electronics Corporation America

BGA96

W634GU6MB-12

Winbond Electronics Corporation America

BGA

W632GG6NB-12

Winbond Electronics Corporation America
BGA

W632GU6NB-12

Winbond Electronics Corporation America
BGA

W632GG6KB-15

Winbond Electronics Corporation America
BGA

W632GU6MB11I

Winbond Electronics Corporation America
FBGA

W631GG6NB-12

Winbond Electronics Corporation America
FBGA

W631GG8MB12I

Winbond Electronics Corporation America
FBGA

W631GG6NB15I

Winbond Electronics Corporation America
FBGA

W631GG6NB-15

Winbond Electronics Corporation America
FBGA

W632GU8NB-12

Winbond Electronics Corporation America
FBGA

W632GU8NB12I

Winbond Electronics Corporation America
FBGA

W25X40CLSNG

Winbond Electronics Corporation America
SOP8

W25Q16JVSSIQ

Winbond Electronics Corporation America
SOP8