


SLC NAND Flash Parallel 3.3V 4G-bit 512M x 8 63-Pin VFBGA Tray

Manufacturer:	Micron Semiconductor Products Inc
Package/Case:	BGA
Product Type:	Memory
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Micron NAND Flash devices include an asynchronous data interface for high-performance I/O operations. These devices use a highly multiplexed 8-bit bus (I/Ox) to transfer commands, address, and data. There are five control signals used to implement the asynchronous data interface: CE#, CLE, ALE, WE#, and RE#. Additional signals control hardware write protection and monitor device status (R/B#).

This hardware interface creates a low pin-count device with a standard pinout that remains the same from one density to another, enabling future upgrades to higher densities with no board redesign.

A target is the unit of memory accessed by a chip enable signal. A target contains one or more NAND Flash die. A NAND Flash die is the minimum unit that can independently execute commands and report status. A NAND Flash die, in the ONFI specification, is referred to as a logical unit (LUN). There is at least one NAND Flash die per chip enable signal. For further details, see Device and Array Organization.

This device has an internal 4-bit ECC that can be enabled using the GET/SET features.

See Internal ECC and Spare Area Mapping for ECC for more information.

Recommended For You

[M1FC16GAPALBH-IT](#)

Micron Semiconductor Products Inc
BGA

[M125QU128ABA1EW9-0SIT](#)

Micron Semiconductor Products Inc
WPDFN8

[M141K128M16JT-125 XIT:K](#)

Micron Semiconductor Products Inc
FBGA

[M129F1G08ABAEAWP:E](#)

Micron Semiconductor Products Inc
TSOP48

[M147H128M8SH-25E:M](#)

Micron Semiconductor Products Inc
FBGA

[M129F32G08ABAAAWP-ITZ:A](#)

Micron Semiconductor Products Inc
TSOP48

MT47H64M16NF-25E:M

Micron Semiconductor Products Inc
BGA

MT41K64M16TW-107:J

Micron Semiconductor Products Inc
BGA

MT41K256M16TW-107 AIT:P

Micron Semiconductor Products Inc
FBGA96

MT41K128M16JT-125:K

Micron Semiconductor Products Inc
FBGA

MT47H128M16RT-25E:C

Micron Semiconductor Products Inc
FBGA

MT48LC16M16A2P-6A:G

Micron Semiconductor Products Inc
TSOP54

MT29F4G08ABADAWP-IT:D

Micron Semiconductor Products Inc
TSOP48

MT47H128M16RT-25E IT:C

Micron Semiconductor Products Inc
FBGA

MT25QU01G BBB8ESF-0SIT

Micron Semiconductor Products Inc
SOP16