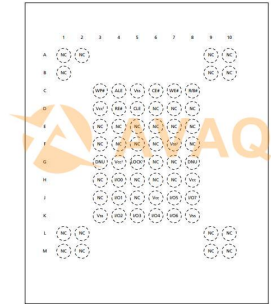


SLC NAND Flash Parallel 1.8V 4G-bit 512M x 8 63-Pin VFBGA

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

Figure 3: 63-Ball VFBGA, x8 (Balls Down, Top View)



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.

Figure 3: 63-Ball VFBGA, x8 (Balls Down, Top View)

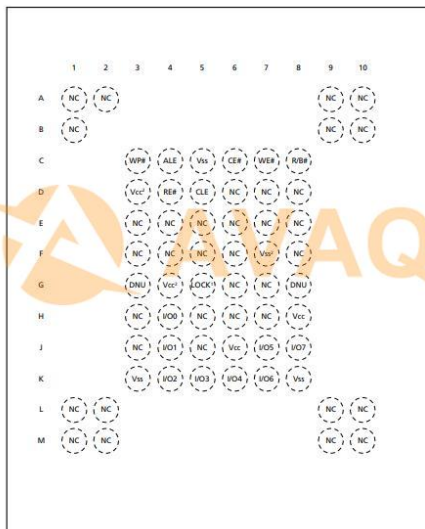
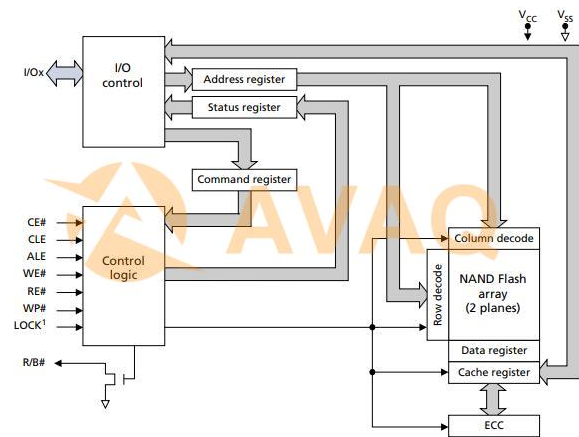


Figure 8: NAND Flash Die (LUN) Functional Block Diagram



Note: 1. The LOCK pin is used on the 1.8V device.

Recommended For You

MIFC16GAPALBH-IT

Micron Semiconductor Products Inc
BGA

MI25QU128ABA1EW9-0SIT

Micron Semiconductor Products Inc
WPDFN8

MI41K128MI6JT-125 XIT:K

Micron Semiconductor Products Inc
FBGA

MI29F1G08ABAEAWP:E

Micron Semiconductor Products Inc
TSOP48

MI47H128M8SH-25E:M

Micron Semiconductor Products Inc
FBGA

MI29F32G08ABAAAWP-ITZ:A

Micron Semiconductor Products Inc
TSOP48

MI47H64MI6NF-25E:M

Micron Semiconductor Products Inc
BGA

MI41K64MI6TW-107:J

Micron Semiconductor Products Inc
BGA

MI41K256MI6TW-107 AIT:P

Micron Semiconductor Products Inc
FBGA96

MI41K128MI6JT-125:K

Micron Semiconductor Products Inc
FBGA

MI47H128MI6RT-25E:C

Micron Semiconductor Products Inc
FBGA

MI48LC16MI6A2P-6A:G

Micron Semiconductor Products Inc
TSOP54

MI29F4G08ABADAWP-IT:D

Micron Semiconductor Products Inc
TSOP48

MI47H128MI6RT-25E IT:C

Micron Semiconductor Products Inc
FBGA

MI25QU01GBBB8ESF-0SIT

Micron Semiconductor Products Inc
SOP16