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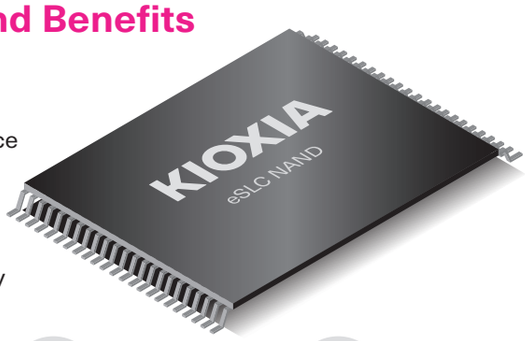
KIOXIA Enterprise SLC

High Density, High Endurance

KIOXIA Enterprise SLC (eSLC) devices offer high density, high endurance, and high reliability for a variety of applications. When boot code with high reliability is a must, eSLC is a cost-effective, flexible solution.

Features and Benefits

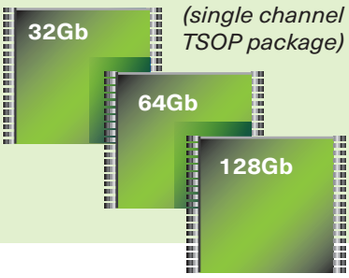
- High Endurance
- High Reliability
- High Density
- I Temp and C Temp Options
- Legacy and Toggle Mode Interfaces
- TSOP / BGA Packages



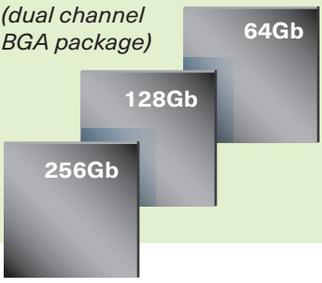
eSLC Densities and Packaging

High Density SLC Flash Memory with I Temp and C Temp Options

Legacy Interface eSLC
(single channel TSOP package)



Toggle Mode Interface eSLC
(dual channel BGA package)



eSLC Target Applications

For applications requiring a memory solution that can withstand excessive temperatures or a rugged environment, eSLC is an ideal solution*:

- Industrial SSD Modules
- eUSB
- eSD
- RAID Cards
- Wireless Infrastructure
- Factory Automation
- IIoT
- Electrical Utility Infrastructure
- Network Interface Cards

The KIOXIA SLC Family

SLC | BENAND™ | Serial NAND | **eSLC NAND**

KIOXIA

KIOXIA delivers flash-based products for next-generation storage applications. Having invented NAND flash over 35 years ago, KIOXIA is now one of the world's largest flash memory suppliers – and continues to move the technology forward.

*Tolerances for temperature ranges and environmental conditions vary, please refer to individual product specifications for details.

In every mention of a KIOXIA product: Product density is identified based on the density of memory chip(s) within the Product, not the amount of memory capacity available for data storage by the end user. Consumer-usable capacity will be less due to overhead data areas, formatting, bad blocks, and other constraints, and may also vary based on the host device and application. For details, please refer to applicable product specifications. The definition of 1KB = 2^{10} bytes = 1,024 bytes. The definition of 1Gb = 2^{30} bits = 1,073,741,824 bits. The definition of 1GB = 2^{30} bytes = 1,073,741,824 bytes. 1Tb = 2^{40} bits = 1,099,511,627,776 bits.

V1.0