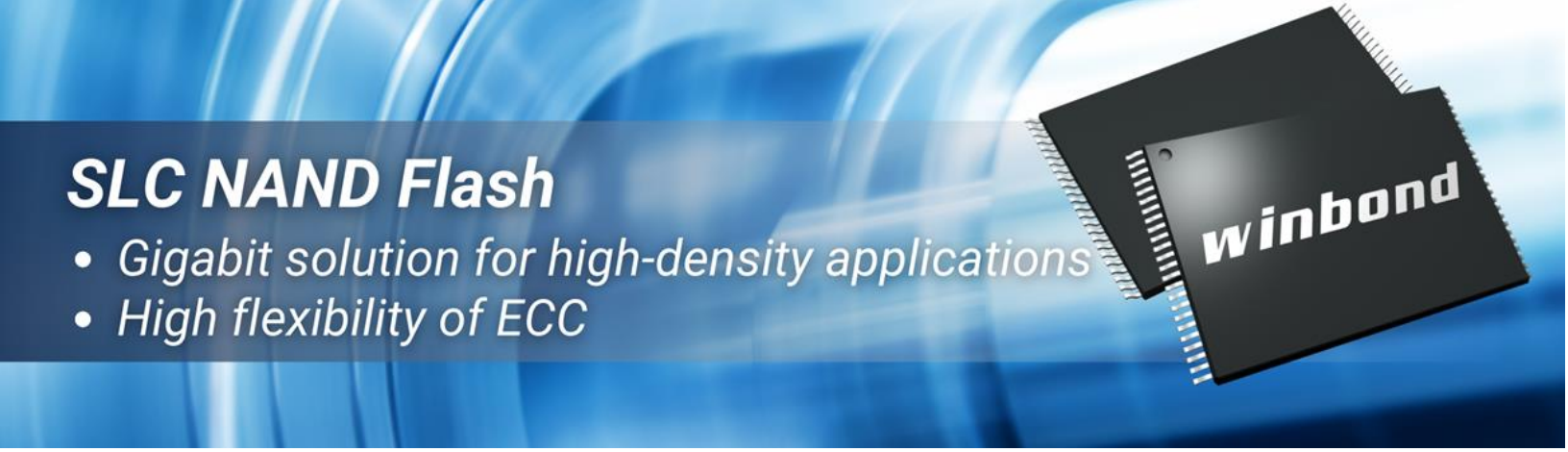


SLC NAND Flash

ONFi 1.0 compliant high-quality SLC NAND solution

Winbond, a leading provider of memory solutions, offers a family of Single-Level-Cell (SLC) NAND Flash memories designed to meet the demands of the Gigabit code storage market. With densities ranging from 1Gb to 8Gb, these products follow the industry standard for command set, interface, and packages.

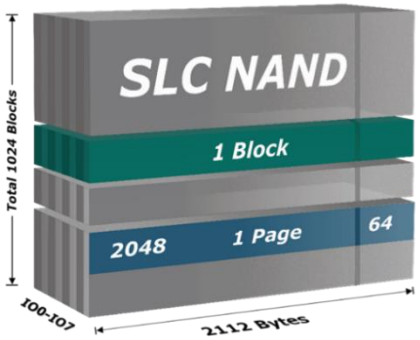
Winbond's SLC NAND Flash is compliant with ONFi 1.0 and is available in various temperature ratings. To meet the stringent demands of embedded applications, we offer both industrial and automotive grades at temperatures up to 115°C. This extended temperature support makes Winbond's SLC NAND Flash memories ideal choices for customers seeking dependable solutions across a wide range of applications.

Winbond SLC NAND products offer two different versions, one requiring 1-bit or 4-bit ECC and the other requiring 4-bit or 8-bit ECC. This allows customers to choose the product that best meets their needs and preferences. Whether you are considering an upgrade to your current code storage system or exploring new options, Winbond's SLC NAND Flash memories can address a variety of industrial, consumer, and automotive applications.

1 Page = 2048+64 Bytes

1 Block = 64 Pages
= (128K+4K) Bytes

1 Device = 1024 Blocks
= (128M+4M) Bytes



Note: Regarding the page size of each part number, please refer to the table in page 2.

Automotive / Industrial

- Central Information Center
- Vehicle-To-Everything (V2X)
- Point of Sale (POS), Automation

Consumer

- Networking, XDSL, Passive Optical Network (PON)
- M2M Module, Surveillance
- Printer, Digital Camera
- Set-Top Box (STB)
- IoT

Winbond SLC NAND Flash Memory Selection Guide

Voltage	Density	Part Number	Page Size	ECC Required	I/O	Package Type
3V	8Gb	W29N08GV	2K+64Bytes	1-bit or 4-bit	X8	TSOP48, BGA63
	4Gb	W29N04GV	2K+64Bytes	1-bit or 4-bit		TSOP48, BGA63
	2Gb	W29N02GV	2K+64Bytes	1-bit or 4-bit		TSOP48, BGA63
		W29N02KV	2K+128Bytes	4-bit or 8-bit		TSOP48, BGA48, BGA63
	1Gb	W29N01HV	2K+64Bytes	1-bit or 4-bit		TSOP48, BGA48, BGA63
1.8V	8Gb	W29N08GW/Z	2K+64Bytes	1-bit or 4-bit	X8/X16	TSOP48, BGA63
	4Gb	W29N04GW/Z	2K+64Bytes	1-bit or 4-bit		TSOP48, BGA63
		W29N04KW/Z	2K+128Bytes 4K+256Bytes	4-bit or 8-bit		TSOP48, BGA63
	2Gb	W29N02GW/Z	2K+64Bytes	1-bit or 4-bit		TSOP48, BGA63
		W29N02KW/Z	2K+128Bytes	4-bit or 8-bit		TSOP48, BGA48, BGA63
	1Gb	W29N01HW/Z	2K+64Bytes	1-bit or 4-bit		TSOP48, BGA48, BGA63

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Version: Aug 2024