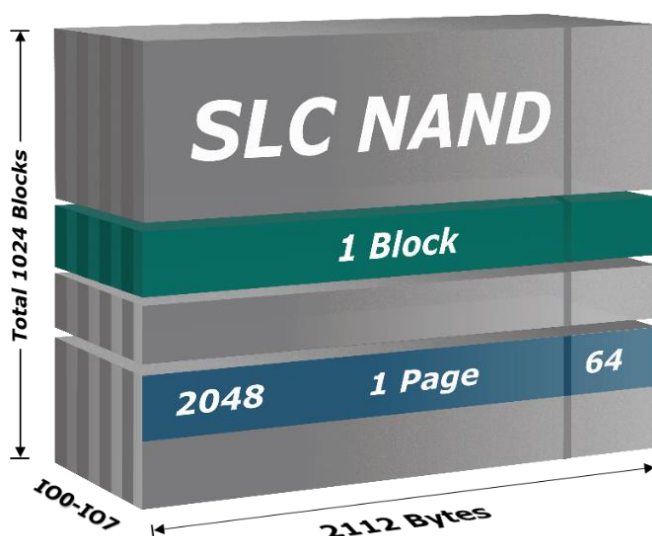# SLC NAND Flash

Industry standard high-quality SLC NAND solution

General Description

Winbond, a leading provider of memory solutions, has unveiled a family of SLC NAND Flash memories designed to meet the demands of the lower-density code storage market. With densities ranging from 1Gb to 8Gb, these industry-standard products offer a direct drop-in replacement for equivalent offerings from other suppliers and are fully compatible with their command sets, interfaces, and packages.

In addition to these standard features, Winbond's SLC NAND Flash products offer a superset of capabilities, making them an excellent choice for those seeking a reliable and high-performing solution in this segment. Whether you're looking to upgrade your existing code storage system or seeking a new, top-of-the-line option, Winbond's SLC NAND Flash memories are sure to impress.

1 Page = 2048+64 Bytes

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

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

SLC NAND Flash Applications

Winbond SLC NAND products offer two different versions: one with 1-bit ECC and another with 4-bit ECC. This allows customers to choose the product that best meets their needs and preferences.

These NAND Flash memory products are widely used in a variety of applications, including the Internet of Things (IoT), automotive, networking, storage, set-top boxes, DSL and cable modems, digital TVs, mobile phones, printers, industrial systems, and more. Their versatility and reliability make them an ideal choice for a range of demanding applications.

With Winbond's SLC NAND products, customers can be confident that they are receiving a high-quality, reliable solution for their memory needs. Whether you are looking to upgrade your current system or are in need of a new, top-performing memory solution, Winbond's SLC NAND products are an excellent choice.

Applications

Automotive

- Central Information Center
- Vehicle-To-Everything (V2X)

Consumer

- Networking
- Set-Top-Box (STB)
- DSL/Cable Modem
- Industrial

Package Information

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

* See datasheet for further technical information. This is subject to change without notice.