





NOR and NAND Flash Memory are the critical Non-Volatile Memory devices that store a digital device's configuration data. GigaDevice has a large Flash memory product portfolio that is specifically designed to meet the different needs of various electronic applications, in terms of density, performance, reliability and security, while providing small packages and low power consumption.

SPI Flash Memory Interface

Serial Peripheral Interface (SPI) is the most popular bus protocol for accessing the Flash Memory. It requires only 6 signals to communication between the controller and the memory, thus reducing the design complexity and offering reduction in board space, power consumption and total system cost. The small 8-pin package is ideal to meet the compact design requirement of modern electronics.

About Us

GigaDevice, founded in Silicon Valley in 2004, is a leading fabless company engaged in advanced memory technology and IC solutions. The company successfully completed their IPO on the Shanghai Stock Exchange in 2016.

GigaDevice provides a wide range of high performance Flash Memory and 32-bit general purpose MCU products. GigaDevice is among the companies that pioneered SPI NOR Flash Memory and is currently one of the top three suppliers in the world in this market segment with more than 1.8 billion units annual shipment.

Our Flash Memory portfolio offers the following features:

- Density: 512Kb (64KB) ~ 8Gb (1GB)
- Performance: 52MB/s ~ 104MB/s (with Quad SPI), 400MB/s (with Xccela™)
- Reliability: 100,000 P/E Cycles, 20-year Data Retention
- Security: UID, Array Protection, OTP area, RPMC
- Package: WLCSP, USON, WSON, SOP, TFBGA
- Power Consumption: 0.1uA DPD, 1uA Standby, 5mA Active Read,10mA Active Program/Erase

Note: All datasheets are available for download at www.gigadevice.com









GigaDevice SPI NOR Flash delivers highperformance and security features necessary to meet the diverse design requirements of today's applications.

Key Features

Density: 512Kb to 1Gb

Voltage: 1.8V, 2.5V, 3V and 1.65~3.6V

Interface: Single, Dual and Quad SPI mode with DTR can transfer data up to 640Mbit/s; ideal for Fast-boot or code

execution (XIP)

Flexible Memory Architecture: sector size - 4K Bytes, block

size - 32/64K Bytes

Power Mode: Zero Standby, Zero Deep Power Down and

Ultra Low Active Current

Security: OTP area for customer key storage, Unique ID for

individual device, advanced security with RPMC

Wide Operating Temperature Range: -40°C -

85°C/105°C/125°C

GigaDevice NAND Flash offers high-capacity storage and performance necessary for multimedia data storage applications in networking, mobile devices, set-top boxes, data cards, TVs and more.

Key Features

Density: 1Gb to 8Gb

Voltage: 1.8V, 3V

Interface: Quad I/O for SPI NAND & x8/x16 I/O for SLC NAND

High-speed clock frequency: 120MHz for SPI and 40MBps

for SLC NAND

Reliability: All SPI NAND products have an on-chip ECC

engine

Enhanced access performance: With 2K- or 4K-Byte cache

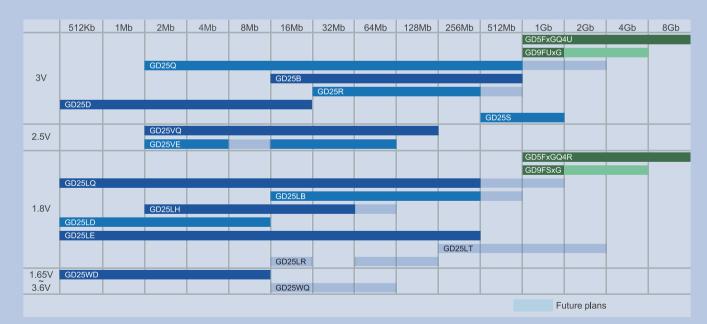
for fast random read

Open NAND Flash Interface: ONFI1.0 and ONFI3.0

compliant

Package: WSON8 (6mm x 8mm)/TSOP48 (12mm x 20mm)

GigaDevice Flash Memory Portfolio



GigaDevice Semiconductor, Inc. (Headquarter)

A12, USTB Techart Plaza, Xueyuan Road 30, Haidian District, Beijing, China Tel: +86-10-82881666 Email: info@gigadevice.com

U.S.A. Office

100 Century Center Ct., Suite 120 San Jose, CA 95112, USA Tel: +1-408-855-8336

www.gigadevice.com

July 2018 Rev 1.0











GigaDevice NAND Flash Memory



GigaDevice is one of the top three global suppliers for Serial Flash Memory and is currently dominating the China market with the largest customer base. Our 38nm SLC NAND Flash products have been in production for many years offering customers stability and reliability. This reliability has exceeded customer expectations in applications such as industrial control, base stations, voice storage, network communications, set-top boxes, OTT, smart TVs, printers, wearable devices, and many others. We also allow for easy portability from other vendors with industry-standard packages, PIN definitions, registers and instruction sets.

GigaDevice NAND Product Advantage

- Reliability: With billions of units shipped, GigaDevice provides reliable NAND product with our 38nm process, which can meet industrial, as well as automotive demands
- Comprehensive Product Lines: GigaDevice has planned expanded capacities and packages to meet various customer needs. Parallel NAND capacity is planned from 1Gb to 64Gb. SPI NAND capacity is planned from 1Gb to 16Gb extending SPI NOR flash capacity with many in pin-compatible packages. Overall, GigaDevice SPI FLASH products from 512Kb to 16Gb can fit in a vast array of embedded applications.
- Stable Supply: GigaDevice continues to offer 2D SLC NAND products where many competitors have exited this business. We will continue to provide users with long-term availability by maintaining our strong relationships with fabrication partners to ensure continuity of supply.
- Application Support: Strong local presence of R&D and FAE teams to support customers in the regions.

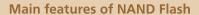












GD5F SPI NAND Product Highlights

• Density: 1Gb to 8Gb

• Voltage: 3V and 1.8V options

• Endurance: up to 100K P/E cycles

• Data Retention: 10 years

• Internal ECC: 8-bit

• Bus Width: x1/x2/x4

• Temperature Range: Industrial (-40°C to 85°C)

Packages for SPI NAND
 8-pin WSON 6 mm x 8 mm
 8-pin LGA 6 mm x 8 mm
 24-ball FBGA 6mm x 8mm



GD9F Parallel NAND Product Highlights

• Density: 1Gb to 8Gb

• Voltage: 3V and 1.8V options

• Endurance: up to 100K P/E cycles

• Data Retention: 10 years

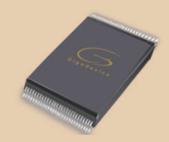
• ECC Requirements: 4-bit or 8-bit

• Bus Width: x8 or x16 options

• Temperature Range: up to (-40°C to 105°C)

Packages for ONFI NAND
 48-pin TSOP 12 mm x 20 mm
 63-ball FBGA 9 mm x 11 mm

• Compatible ONFI1.0 or ONFI3.0



Low Density NAND products with SLC technology

Product	Voltage	Page Size	Bus Width	Density	Performance Read/Write
GD9FU1G	2.7v ~ 3.6v	2KB+128B	X8/X16	1Gb	26.88MBps/ 3.28MBps
GD9FS1G	1.7v ~ 1.95v	2KB+128B	X8/X16	1Gb	17.48MBps/ 2.96MBps
GD5F1GQ4R	1.7V to 2.0V	2KB+128B	X1/X2/X4	1Gb	17.96MBps/ 2.79MBps
GD5F1GQ4U	2.7V to 3.6V	2KB+128B	X1/X2/X4	1Gb	17.96MBps/ 2.79MBps
GD5F2GQ4R	1.7V to 2.0V	2KB+128B	X1/X2/X4	2Gb	17.96MBps/ 2.79MBps
GD5F2GQ4U	2.7V to 3.6V	2KB+128B	X1/X2/X4	2Gb	17.96MBps/ 2.79MBps

Note: Please contact the GigaDevice sales team for high density NAND products.

GigaDevice Semiconductor, Inc. (Headquarter)

A12, USTB Techart Plaza, Xueyuan Road 30, Haidian District, Beijing, China Tel: +86-10-82881666 Email: info@gigadevice.com

U.S.A. Office

100 Century Center Ct., Suite 120 San Jose, CA 95112, USA Tel: +1-408-855-8336







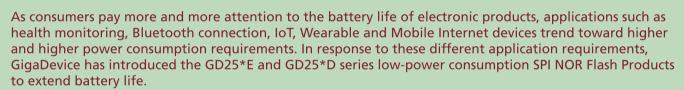






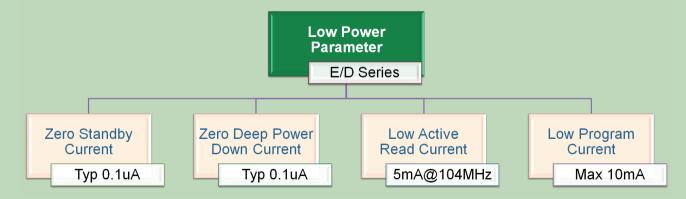


GigaDevice Low Power NOR Flash Memory



GD25*D series highlights include Zero Standby Current, Low active read, program and erase current. Specifically, GD25WD series is a great product family designed for battery-hungry applications that not only offers low power consumption but also wide voltage range.

GD25*E series is also a low power product with Zero Deep Power Down Current and Low active read current.



Note: "*" represents different voltages











GD25*D

(Include GD25D, GD25LD and GD25WD)

• **GD25D Voltage**: 2.7~3.6v • **GD25LD Voltage:** 1.65~2.0v

• GD25WD Voltage: 1.65~3.6v • Density: 512Kb~8Mb

• Interface: Single I/O, Dual Output SPI

• Power Consumption:

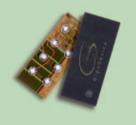
Zero Standby Current: 0.1uA

(no need for DPD)

Read Current down to 3mA at 40MHz Program/Erase current: <10mA

• Support Smallest Molding Package **USON8 1.5*1.5mm**, and KGD wafer





GD25VE

• Voltage: 2.1~3.6v

• Density: 2Mb~64Mb

• Interface: Single, Dual, Quad I/O SPI

• Power Consumption:

Zero Deep Power Down Current: 0.1uA

• Support Small Package and KGD wafer

GD25LE

• Voltage: 1.65~1.8v

• Density: 512Kb~128Mb

• Interface: Single, Dual, Quad I/O SPI

• Power Consumption: Zero Deep Power Down Current Read Current down to 5mA at 104MHz

• Support Smallest Package WLCSP and KGD wafer

Low Power Products List

Low Power Series	Product Series	Voltage	Density	Max Frequency (MHz)	Status
	GD25DxxC	2.7~3.6V	512Kb~8Mb	100(x1) 80(x2)	MP
GD25*D	GD25LDxxC	1.65~2.0V	512Kb~8Mb	50(x1) 40(x2)	MP
	GD25WDxxC	1.65~3.6V	512Kb~8Mb	100(x1) 80(x2)	MP
GD25*E	GD25VE	2.1~3.6V	2Mb~64Mb	104(x1,x2,x4)	MP
GDZ5"E	GD25LE	1.65~2.0V	512Kb~128Mb	104(x1,x2,x4)	MP

GigaDevice Semiconductor, Inc. (Headquarter)

A12, USTB Techart Plaza, Xueyuan Road 30, Haidian District, Beijing, China Email: info@gigadevice.com Tel: +86-10-82881666

U.S.A. Office

100 Century Center Ct., Suite 120 San Jose, CA 95112, USA Tel: +1-408-855-8336





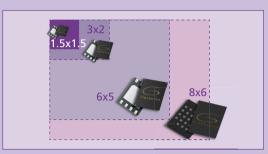












Package Type	Thickness	Density
USON 1.5x1.5mm	0.5mm	512Kb ~ 8Mb
USON 3x2mm	0.5mm	512Kb ~ 32Mb
WSON 6x5mm	0.8mm	16Mb ~ 128Mb
WSON 8x6mm	0.8mm	64Mb ~ 4Gb
SOP8 (5x8mm)	2.16mm	512Kb ~ 128Mb
VSOP8 (5x8mm)	1.0mm	512Kb ~ 128Mb
BGA 8x6mm	1.2mm	64Mb ~ 4Gb

3.0V Units:mm

	540Kh	4846	ONAL	4Mb	ONAL	1014	22146	CANAL	100146	OFCME	EAONAL	10h	204	4Ch
	512Kb	1Mb	2Mb	4Mb	8Mb	16Mb	32Mb	64Mb	128Mb	256Mb	512Mb	1Gb	2Gb	4Gb
WSON8 6*8														
LGA8 6*8														
SOP8 150mil														
SOP8 208mil														
SOP16 300mil														
VSOP8 208mil														
TSSOP 173mil														
USON8 1.5*1.5														
USON8 3*2														
USON8 3*3														
USON8 3*4														
USON8 4*4														
WSON8 6*5														
WSON8 8*6														
TFBGA 24														
DIP8 300mil														
WLCSP														

1.8V Units:mm

	512Kb	1Mb	2Mb	4Mb	8Mb	16Mb	32Mb	64Mb	128Mb	256Mb	1Gb	2Gb	4Gb
LGA8 6*8													
WSON8 6*8													
SOP8 150mil													
SOP8 208mil													
SOP16 300mil													
VSOP8 150mil													
VSOP8 208mil													
TSSOP8 173mil													
USON8 1.5*1.5													
USON8 3*2													
USON8 3*3													
USON8 3*4													
USON8 4*4													
WSON8 6*5													
WSON8 8*6													
WLCSP													
LGA8 3*2													
LGA8 4*4													
DIP8 300mil													

GigaDevice Semiconductor, Inc. (Headquarter)A12, USTB Techart Plaza, Xueyuan Road 30, Haidian District, Beijing, China Tel: +86-10-82881666 Email: info@gigadevice.com

U.S.A. Office 100 Century Center Ct., Suite 120 San Jose, CA 95112, USA Tel: +1-408-855-8336

www.gigadevice.com





•











Flash Memory **Packages**



GigaDevice Semiconductor, Inc.

-1	n	i+•	m	m
U	ш	ΙL.	ш	ш

	, A	SOP8 150m	il 📗
		Length(Normal)	4.90
Т	10 miles	Width(Normal)	6.00
		Thickness(Max)	1.75
		Pitch(Normal)	1.27
	P. C.	SOP8 208m	
_		Length(Normal)	5.23
S	S. William	Width(Normal)	7.90
		Thickness(Max)	2.16
		Pitch(Normal)	1.27
	180	VSOP8 150r	
М		Length(Normal) Width(Normal)	4.90 6.00
IVI		Thickness(Max)	0.90
		Pitch(Normal)	1.27
		VSOP8 208r Length(Normal)	5.28
\/	91,000	Width(Normal)	7.90
V		Thickness(Max)	1.00
		Pitch(Normal)	1.27
		SOP16 300r	
		Length(Normal)	10.30
F	On the same	Width(Normal)	10.35
Г	Stille	Thickness(Max)	2.75
		Pitch(Normal)	1.27
		TSOP48 12*20) ma ma
			12.00
М		Length(Normal) Width(Normal)	
М		Length(Normal)	12.00
М		Length(Normal) Width(Normal)	12.00 20.00
М		Length(Normal) Width(Normal) Thickness(Max)	12.00 20.00 1.20 0.50
M		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal)	12.00 20.00 1.20 0.50
M		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m	12.00 20.00 1.20 0.50
		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50
		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54
		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (6	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54
Р		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garage) Length(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00
		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garage) Length(Normal) Width(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 5*4ball array) 6.00 8.00
Р		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garage) Length(Normal) Width(Normal) Thickness(Max) Thickness(Max)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00 8.00 1.20
Р		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Clength(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00 8.00 1.20 1.00
Р		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Cancel Common Comm	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 5*4ball array) 6.00 8.00 1.20 1.00
P		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (44) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 5*4ball array) 6.00 8.00 1.20 1.00 5*5ball array)
Р		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (4 Length(Normal) Thickness(Max) Pitch(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Width(Normal) Width(Normal) Width(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 5*4ball array) 6.00 8.00 1.20 1.00 5*5ball array) 6.00 8.00
P		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (*1) United (Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Width(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Thickness(Max) Width(Normal) Thickness(Max)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 5*4ball array) 6.00 8.00 1.20 1.00 5*5ball array) 6.00 8.00
P		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (4 Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (4 Length(Normal) Thickness(Max) Pitch(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00 8.00 1.20 1.00 5*5ball array) 6.00 8.00 1.20 1.00
P		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Gas) Width(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Gas) Thickness(Max) Pitch(Normal) THORMAL CONTROL CONTR	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00 8.00 1.20 1.00 5*5ball array) 6.00 8.00 1.20 1.00
P Z B		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Width(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00 8.00 1.20 1.00 5*5ball array) 6.00 8.00 1.20 1.00 m 3.00
P		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Width(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Width(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal) Width(Normal) Length(Normal) Width(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00 8.00 1.20 1.00 5*5ball array) 6.00 8.00 1.20 1.00 m 3.00 2.00
P Z B		Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) DIP8 300m Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Thickness(Max) Pitch(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Width(Normal) TFBGA-24ball 6*8mm (Garante Length(Normal) Length(Normal) Width(Normal) Thickness(Max) Pitch(Normal) Length(Normal)	12.00 20.00 1.20 0.50 il 9.32 7.94 3.50 2.54 6*4ball array) 6.00 8.00 1.20 1.00 5*5ball array) 6.00 8.00 1.20 1.00 m 3.00

	/7/ 2	LISONIS 1 E±1	Enana
		USON8 1.5*1.	
	/ /	Length(Normal)	1.50
K	4.7	Width(Normal)	1.50
		Thickness(Max)	0.50
		Pitch(Normal)	0.40
		USON8 3*2mm (0	
_	Aice	Length(Normal)	3.00
Е		Width(Normal)	2.00
		Thickness(Max)	0.50
		Pitch(Normal)	0.50
		USON8 3*3r	
	A.	Length(Normal)	3.00
Н	4, 1	Width(Normal)	3.00
207	-	Thickness(Max)	0.60
		Pitch(Normal)	0.50
		USON8 3*4r	nm
		Length(Normal)	3.00
Ν	Oldabasha	Width(Normal)	4.00
	1	Thickness(Max)	0.60
		Pitch(Normal)	0.80
		USON8 4*3r	nm
	H	Length(Normal)	4.00
Α	Diseases.	Width(Normal)	3.00
	-03	Thickness(Max)	0.60
		Pitch(Normal)	0.80
		USON8 4*4mm (0).45mm)
		Length(Normal)	4.00
Q	Glassavice	Width(Normal)	4.00
	100	Thickness(Max)	0.50
		Pitch(Normal)	0.80
		WSON8 6*5r	nm
	/4	Length(Normal)	6.00
W	Glagovico	Width(Normal)	5.00
	100	Thickness(Max)	0.80
		Pitch(Normal)	1.27
		WSON8 8*6r	nm
		Length(Normal)	8.00
Υ	GigaDovico	Width(Normal)	6.00
		Thickness(Max)	0.80
		Pitch(Normal)	1.27
		WLCSP	
L	8 0	Depends on specific	c product
Note:			

- The values provided are the normal values for length, width and pitch, as well as the max values for thickness.
- The pictures are for reference only, always verify your selection with the product data sheet.









X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for NAND Flash category:

Click to view products by Gigadevice manufacturer:

Other Similar products are found below:

EAN62827101 TC58NVG1S3HBAI4 MT29F256G08AUCABH3-10ITZ:A MT29F4G08ABADAWP-ITX:D MT29F128G08AKCABH210ITZ:A MT29F64G08AECABH1-10ITZ:A TH58NVG2S3HBAI4 S99ML04G10019 W29N02KVSIAF MT29F4G01ABAFDWB-IT:F
MT29F8G01ADAFD12-IT:F TR W25N01JWSFIT GD5F1GQ4UBYIGR AT45DQ161-SSHF-B MT29F4G08ABADAH4-IT:D
GD25D10BTIGR SST26WF080B-104I/MF SST26WF016B-104I/MF SST26VF064B-104I/SO SST25VF512A-33-4I-SAE
MT29F128G08AJAAAWP-ITZ:A MT29F2G08ABAEAH4:E TR MT29F2G08ABBEAH4-IT:E MT29F2G16ABBEAH4-AAT:E TR
MT29F32G08CBADAWP:D SST26WF040B-104I/SN SST25WF040B-40I/SN SST25VF512A-33-4C-SAE SST25VF040B-50-4I-S2AE
SST25VF010A-33-4I-SAE SST25LF020A-33-4I-SAE GD25Q16CSIGTR SST25WF080B-40I/SN AT17F16-30CU IS34ML01G084-TLI
S34ML08G101BHA000 MT29F2G08ABAEAH4-IT:E TR S34ML16G202BHI000 MT29F2G08ABAEAH4-AATX:E TR
MT29F4G08ABAEAH4-ITS:E TR TH58NYG3S0HBAI4 S34MS16G202BHI000 IS37SML01G1-LLI IS34MW01G164-BLI
IS34ML01G084-BLI IS34ML01G081-BLI MT29F2G08ABAEAH4-AITX:E TR S34ML01G100TFB000 MT29F4G08ABADAH4-AITX:D
TR S34ML01G200TF1900