



E.S. GLOBAL TOP

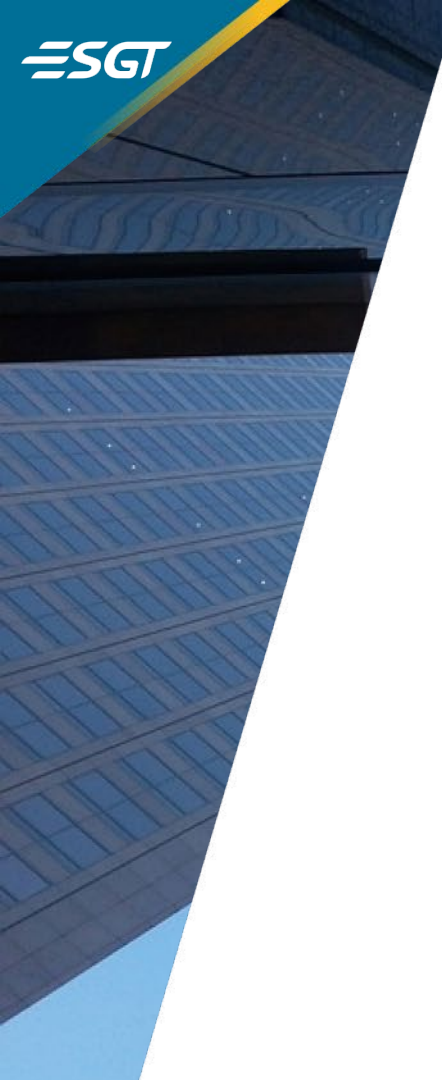
Flash Memory –

Product Portfolio



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- **SPI NOR**
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Corporate Info.

Year of founding: 2008
Registry No.: 28926684
Capital: NT\$10 million

Locations:



Office:
Taoyuan Dist.,
Taoyuan City,
Taiwan



Warehouse:
Pingzhen Dist.,
Taoyuan City,
Taiwan

Banking info

Bank: First Commercial Bank West Chung Li Branch
Account No.: #282-40-007534
Address: No.30, Chung Yan West Road Sec. 2, Chung Li Dist.,
Taoyuan City 320 Taiwan
Swift Code: CBKWTWP

Flash Product Portfolio



SPI NOR

- 3.3/1.8/1.2V Wide
- 2Mb~2Gb
- SOP8/SOP16
- WSON8
- DFN8
- WLCSP
- BGA24
- Standard
- Dual
- Quad



SPI NAND

- 3.3/1.8V
- 1Gb~4Gb
- WSON8
- 8x6mm
- LGA8 8x6mm
- Standard
- Dual
- Quad



PPI NAND

- 3.3/1.8V
- 1Gb~4Gb
- BGA24
- TSOP48



NAND MCP

- 1.8V SLC x8
- LPDDR2 x32
- BGA162
- 1.8V SLC x8
- LPDDR4X x16
- BGA149



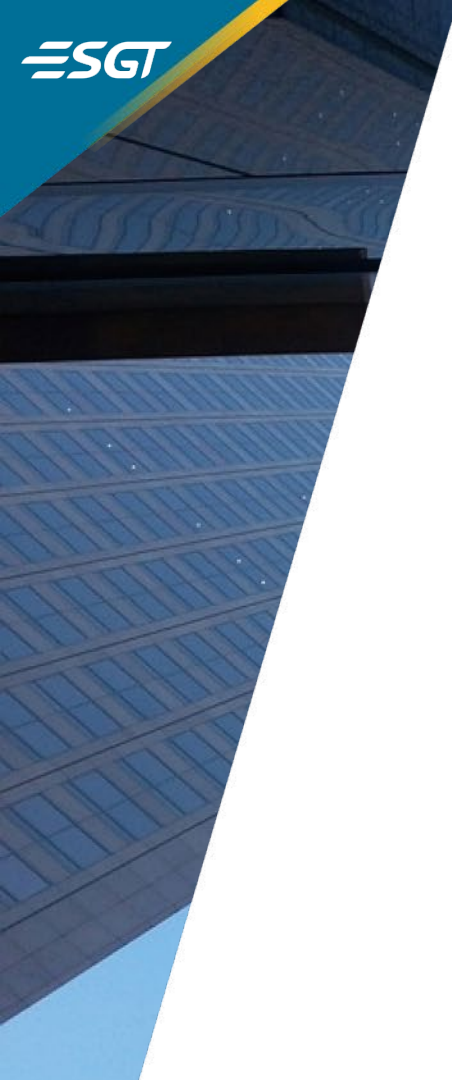
SD NAND

- 3.3V
- 1Gb~8Gb
- LGA8 8x6mm
- SD 2.0



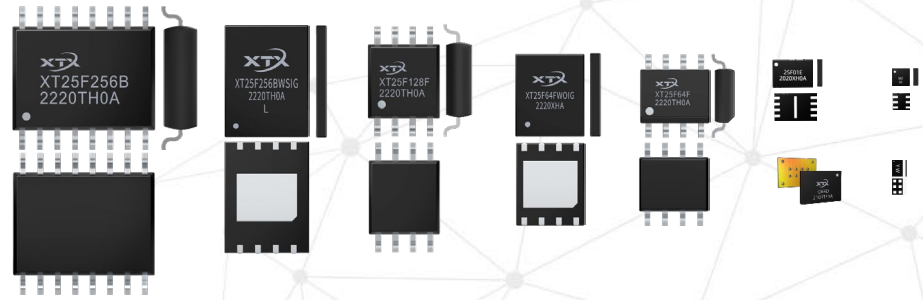
eMMC

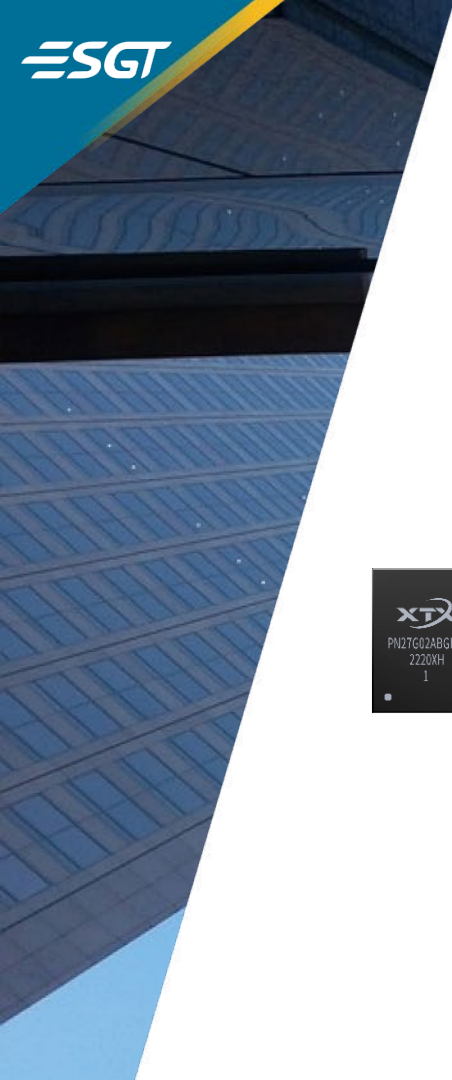
- VCC 3.3V
- VCCQ 3.3V/1.8V
- 8GB~64GB
- BGA153
- eMMC5.1



SPI NOR

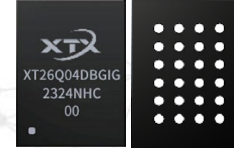
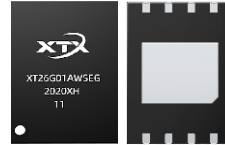
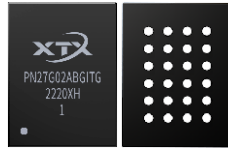
Product	SPI NOR		
	3.3V (2.7V-3.6V)	Wide (1.65V-3.6V)	1.8V (1.65V-2.0V)
2Mbit	XT25F02E	XT25W02E	
4Mbit		XTD25W04A	
8Mbit	XT25F08F	XT25W08F	XT25Q08F
16Mbit	XT25F16F-S	XT25W16F-S	XT25Q16F
32Mbit	XT25F32F		
64Mbit	XT25F64F		XT25Q64F
128Mbit	XT25F128F		XT25Q128F
256Mbit	XT25F256B		XT25Q256F
512Mbit		XT25W512B	XT25Q512F
1Gbit		XT25W1GB	XT55Q1GF
2Gbit			XT55Q2GF





NAND

Product	SPI NAND		PPI NAND		SD NAND	
	3.3V (2.7V-3.6V)	1.8V (1.7V-1.95V)	3.3V (2.7V-3.6V)	1.8V (1.7V-1.95V)	3.3V (2.7V-3.6V)	1.8V (1.7V-1.95V)
1Gbit	XT26G01D	XT26Q01D	PN27G01ABG PN27G01BBG		XTSDG01G	XTSDQ01G
2Gbit	XT26G02D	XT26Q02D	PN27G02ABG PN27G02BBG		XTSDG02G	XTSDQ02G
4Gbit	XT26G04D	XT26Q04D	PN27G04ABG	XT27Q04ABS	XTSDG04G	XTSDQ04G
8Gbit				XT27Q08ABS	XTSDG08G	XTSDQ08G

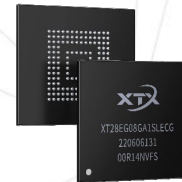
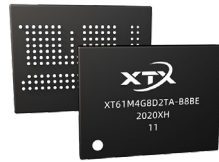


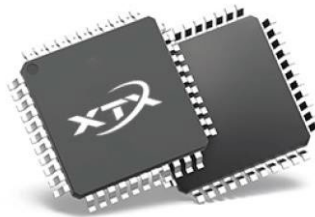


NAND MCP/eMMC

Product	NAND MCP
Voltage/ Density	1.8V LPDDR2
1Gbit NAND + 1Gbit DRAM	XT61M1G8C2TM
2Gbit NAND + 1Gbit DRAM	XT61M2G8C2TM
2Gbit NAND + 2Gbit DRAM	XT61M2G8D2TA
2Gbit NAND + 4Gbit DRAM	XT61M4G8D2TA

Product	eMMC
Voltage/ Density	3.3V (VCC) 3.3V/1.8V (VCCQ)
8GByte	XT28EG08G
16GByte	XT28EG16G
32GByte	XT28EG32G
64GByte	XT28EG64G




MCU**8bit MCU**

- Optimized 8bit CISC core
- 2.88V to 5.5V wide-voltage range
- 20KB to 60KB Flash density
- 20pin to 52pin packages

**32bit MCU**

- ARM Cortex-M0+ core
- CPU Freq. 96MHz
- 1.8V to 5.5V wide-voltage range
- 64KB to 1MB Flash density
- 32pin to 100 pin packages



Quality & Reliability Guaranteed

Qualification

Simulation
Digital/Analog



Wafer Level Reliability Test
GOI/TDDB/HCI/NBTI/PBTI/SM



Package Level Reliability Test
PC/AC/HAST/UHAST/HTSL/TC



Product Level Reliability Test
HTOL/Cycling/LTDR/ESD/...

Mass Production

Wafer Test
CP1+CP2



100% Final Test
Open/Short/Leakage Check



QC Spot Check
Open/Short/Leakage Check



100% Visual



Ship



ISO 9001: 2015 certified



The logo for ESGT, featuring the letters 'ESGT' in a bold, white, sans-serif font. The 'E' is stylized with three horizontal bars. The background of the logo area is a dark blue diagonal band.

ESGT

The company name 'E.S. GLOBAL TOP' is written in a white, italicized, sans-serif font. Below it, 'E.S. Global Top Technology Co., Ltd.' is written in a bold, yellow, sans-serif font. The background is a dark blue diagonal band with a light blue geometric pattern of dots and lines.

E.S. GLOBAL TOP
E.S. Global Top Technology Co., Ltd.

website: www.esgt.com.tw
contact: seanchao@esgt.com.tw

