



车规级SPI NOR flash

- ◆ 满足AEC-Q100 Grade1标准
- ◆ 3V/1.8V/1.65V~3.6V* SPI NOR Flash系列
- ◆ 采用55nm工艺，容量2Mb~2Gb
- ◆ 支持PPAP
- ◆ 以0ppm为目标，坚持持续改善
- ◆ 工作温度范围：-40°C~+125°C
- ◆ 可选符合车规的封装方式
- ◆ 支持长期供货（PLP）



3V/1.8V/1.65V~3.6V*



55nm



2Mb~2Gb



-40°C~+125°C

提供SPI NOR Flash容量拓展方案

了解我们符合AEC-Q100认证的SPI NOR Flash

*有关产品详情，请咨询您的销售代表。





GigaDevice

车规级SPI NOR flash

Voltage	Density	Part No.	Frequency (MHz)	Packages	Temperature
1.8V	2Mb	GD25LQ20E	133MHz(x1, x2, x4)	USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	4Mb	GD25LQ40E	133MHz(x1, x2, x4)	USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	8Mb	GD25LQ80E	133MHz(x1, x2, x4)	SOP8 150mil USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	8Mb	GD25LF80E	166MHz(x1, x2, x4) 104MHz(DTR)	USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	16Mb	GD25LQ16E	133MHz(x1, x2, x4)	SOP8 150mil USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	16Mb	GD25LF16E	166MHz(x1, x2, x4) 104MHz(DTR)	SOP8 150mil USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	32Mb	GD25LQ32E	133MHz(x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm	-40°C to +105°C / -40°C to +125°C
	32Mb	GD25LF32E	166MHz(x1, x2, x4) 104MHz(DTR)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm	-40°C to +105°C / -40°C to +125°C
	64Mb	GD25LQ64E	133MHz(x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x4mm USON8 4x4mm WSON8 6x5mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	64Mb	GD25LF64E	166MHz(x1, x2, x4) 104MHz(DTR)	SOP8 150mil SOP8 208mil USON8 3x4mm USON8 4x4mm WSON8 6x5mm	-40°C to +105°C / -40°C to +125°C
	64Mb	GD25LX64J	200MHz(x1, x8) 200MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	128Mb	GD25LQ128D	120MHz(x1, x2, x4)	SOP8 208mil WSON8 6x5mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	128Mb	GD25LF128J	166MHz(x1, x2, x4) 104MHz(DTR)	SOP8 208mil USON8 4x4mm WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	128Mb	GD25LX128J	200MHz(x1, x8) 200MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	256Mb	GD25LF256F	166MHz(x1, x2, x4) 104MHz(DTR)	SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	256Mb	GD25LT256E	166MHz(x1, x4) 200MHz(DTR)	SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	256Mb	GD25LX256E	200MHz(x1, x8) 200MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	512Mb	GD25LF512MF	166MHz(x1, x2, x4) 104MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	512Mb	GD25LT512ME	166MHz(x1, x4) 200MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	512Mb	GD25LX512ME	200MHz(x1, x8) 200MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	1Gb	GD55LF01GF	166MHz(x1, x2, x4) 104MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	1Gb	GD55LT01GE	166MHz(x1, x4) 200MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	1Gb	GD55LX01GE	200MHz(x1, x8) 200MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	2Gb	GD55LF02GF	166MHz(x1, x2, x4) 104MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	2Gb	GD55LT02GE	166MHz(x1, x4) 200MHz(DTR)	TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	2Gb	GD55LX02GE	200MHz(x1, x8) 200MHz(DTR)	TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
3V	2Mb	GD25Q20E	133MHz(x1, x2, x4)	USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	4Mb	GD25Q40E	133MHz(x1, x2, x4)	SOP8 150mil USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	8Mb	GD25Q80E	133MHz(x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	16Mb	GD25B16E	133MHz(x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm	-40°C to +105°C / -40°C to +125°C
	32Mb	GD25B32E	133MHz(x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm	-40°C to +105°C / -40°C to +125°C
	64Mb	GD25F64F	166MHz(x1, x2, x4) 104MHz(DTR)	SOP8 208mil USON8 4x4mm WSON8 6x5mm	-40°C to +105°C / -40°C to +125°C
	128Mb	GD25F128F	166MHz(x1, x2, x4) 104MHz(DTR)	SOP8 208mil SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	256Mb	GD25F256F	166MHz(x1, x2, x4) 104MHz(DTR)	SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	512Mb	GD25F512MF	166MHz(x1, x2, x4) 104MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	512Mb	GD25T512ME	166MHz(x1, x4) 200MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	512Mb	GD25X512ME	200MHz(x1, x8) 200MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	1Gb	GD55F01GF	166MHz(x1,x2,x4) 104MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	1Gb	GD55T01GE	166MHz(x1, x4) 200MHz(DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	1Gb	GD55X01GE	200MHz(x1, x8) 200MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	2Gb	GD55F02GF	166MHz(x1,x2,x4) 104MHz(DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	2Gb	GD55T02GE	166MHz(x1, x4) 200MHz(DTR)	TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C
	2Gb	GD55X02GE	200MHz(x1, x8) 200MHz(DTR)	TFBGA24 8x6mm (5x5 ball array)	-40°C to +105°C / -40°C to +125°C



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