



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/45nm工艺，容量2Mb~2Gb
- ◆ 支持PPAP
- ◆ 支持长期供货（PLP）
- ◆ 通过ISO 26262:2018 ASIL D汽车功能安全认证
- ◆ 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



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



55nm/45nm



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。



车规级SPI NOR Flash

Voltage	Density	Part No.	Frequency	Packages
2.7V-3.6V	2Mb	GD25Q20E	133MHz (x1, x2, x4)	SOP8 150mil USON8 3x2mm
2.7V-3.6V	4Mb	GD25Q40E	133MHz (x1, x2, x4)	SOP8 150mil USON8 3x2mm
2.7V-3.6V	8Mb	GD25Q80E	133MHz (x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm
2.7V-3.6V	16Mb	GD25B16E	133MHz (x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm
2.7V-3.6V	32Mb	GD25B32E	133MHz (x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	64Mb	GD25F64F	166MHz (x1, x2, x4) 104MHz (DTR)	SOP8 208mil USON8 4x4mm WSON8 6x5mm TFBGA-24ball (5x5 Ball array)
2.7V-3.6V	128Mb	GD25F128F	166MHz (x1, x2, x4) 104MHz (DTR)	SOP8 208mil SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	256Mb	GD25F256F	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	512Mb	GD25F512MF	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	512Mb	GD25T512ME	166MHz (x1, x4) 200MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	512Mb	GD25X512ME	200MHz (x1, x8) 200MHz (DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	1Gb	GD55F01GF	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	1Gb	GD55T01GE	166MHz (x1, x4) 200MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	1Gb	GD55X01GE	200MHz (x1, x8) 200MHz (DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	2Gb	GD55F02GF	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	2Gb	GD55T02GE	166MHz (x1, x4) 200MHz (DTR)	TFBGA24 8x6mm (5x5 ball array)
2.7V-3.6V	2Gb	GD55X02GE	200MHz (x1, x8) 200MHz (DTR)	TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	2Mb	GD25LQ20E	133MHz (x1, x2, x4)	USON8 3x2mm
1.65V-2.0V	4Mb	GD25LQ40E	133MHz (x1, x2, x4)	USON8 3x2mm
1.65V-2.0V	8Mb	GD25LQ80E	133MHz (x1, x2, x4)	SOP8 150mil USON8 3x2mm
1.65V-2.0V	8Mb	GD25LF80E	166MHz (x1, x2, x4) 104MHz (DTR)	USON8 3x2mm
1.65V-2.0V	16Mb	GD25LQ16E	133MHz (x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm
1.65V-2.0V	16Mb	GD25LF16E	166MHz (x1, x2, x4) 104MHz (DTR)	SOP8 150mil SOP8 208mil USON8 3x2mm
1.65V-2.0V	32Mb	GD25LQ32E	133MHz (x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm WSON8 6x5mm
1.65V-2.0V	32Mb	GD25LF32E	166MHz (x1, x2, x4) 104MHz (DTR)	SOP8 150mil SOP8 208mil USON8 3x2mm USON8 3x4mm
1.65V-2.0V	64Mb	GD25LQ64E	133MHz (x1, x2, x4)	SOP8 150mil SOP8 208mil USON8 3x4mm USON8 4x4mm WSON8 6x5mm TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	64Mb	GD25LF64E	166MHz (x1, x2, x4) 104MHz (DTR)	SOP8 150mil SOP8 208mil USON8 3x4mm USON8 4x4mm WSON8 6x5mm
1.65V-2.0V	64Mb	GD25LT64J	166MHz (x1, x4) 200MHz (DTR)	SOP8 208mil USON8 4x4mm WSON8 6x5mm TFBGA-24ball (5x5 Ball array)
1.65V-2.0V	64Mb	GD25LX64J	200MHz (x1, x8) 200MHz (DTR)	TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	128Mb	GD25LF128J	166MHz (x1, x2, x4) 104MHz (DTR)	SOP8 208mil SOP16 300mil USON8 4x4mm WSON8 6x5mm WSON8 8x6mm TFBGA-24ball (5x5 Ball array)
1.65V-2.0V	128Mb	GD25LX128J	200MHz (x1, x8) 200MHz (DTR)	TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	256Mb	GD25LT256E	166MHz (x1, x4) 200MHz (DTR)	SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	256Mb	GD25LX256E	200MHz (x1, x8) 200MHz (DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	256Mb	GD25LF256F	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil WSON8 6x5mm WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	512Mb	GD25LT512ME	166MHz (x1, x4) 200MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	512Mb	GD25LX512ME	200MHz (x1, x8) 200MHz (DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	512Mb	GD25LF512MF	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	1Gb	GD55LT01GE	166MHz (x1, x4) 200MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	1Gb	GD55LX01GE	200MHz (x1, x8) 200MHz (DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	1Gb	GD55LF01GF	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil WSON8 8x6mm TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	2Gb	GD55LT02GE	166MHz (x1, x4) 200MHz (DTR)	TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	2Gb	GD55LX02GE	200MHz (x1, x8) 200MHz (DTR)	TFBGA24 8x6mm (5x5 ball array)
1.65V-2.0V	2Gb	GD55LF02GF	166MHz (x1, x2, x4) 104MHz (DTR)	SOP16 300mil TFBGA24 8x6mm (5x5 ball array)

