



Long-Term Support
World Class Quality

Parallel NOR Flash

Compatible with x29GL series

The IS29GL family of devices are designed to be drop-in replacements to the popular “x29GL” memory products. They are ideal for applications demanding high performance and throughput. The 29-series is offered in densities ranging from 32Mb to 256Mb. The industry standard architecture, interface, features, and packages allow a simple drop-in solution to avoid costly re-designs. Contact ISSI at flash@issi.com or visit our website at www.ISSI.com.

The IS29GL Series of Parallel NOR Flash

- VDD = 2.7V to 3.6V, VDDQ = 1.65V to Vcc
- Available in densities of 32Mb to 256Mb
- Flexible x8/x16 data bus configuration
- Sector erase/write protection
- Erase suspend/resume modes
- **32Mb-64Mb**
 - Top/Bottom Boot Sectors or High/Low Block Protection.
 - 60/70ns random access time, 25ns page access time.
 - 48-Pin TSOP, 56-pin TSOP, 64-Ball BGA, 48-Ball BGA packages.
- **128Mb-256Mb**
 - Uniform High/Low Block Protection
 - 56-Pin TSOP, 56-Ball BGA, 64-Ball BGA packages
- Available in Extended Temp. [-40 to +105°C]
- Automotive grades available A3 [-40 to +125°C] [Call Factory]

Applications

- Instrument Clusters
- Infotainment consoles
- Telematics
- Safety Systems (ADAS)
- Printers
- Gaming
- Industrial Controls
- Medical Devices
- Military & Aerospace
- Routers & Switches
- Home Networking

Parallel NOR Flash:

Den	Part Number	Type	Remark	Vcc	Access Time	Temp.Range	Package Type	Status
32M	IS29GL032	x8/x16	Top Boot (U) or Bottom Boot (D) High Protection (T) or Low Protection (B)	2.7-3.6V	70ns	-40 to 125°C	TSOP, BGA	Prod
64M	IS29GL064	x8/x16	Top Boot (U) or Bottom Boot (D) High Protection (T) or Low Protection (B)	2.7-3.6V	70ns	-40 to 125°C	TSOP, BGA	Prod
128M	IS29GL128	x8/x16	High Protection (T) or Low Protection (B)	2.7-3.6V	70ns	-40 to 125°C	TSOP, BGA	Prod
256M	IS29GL256	x8/x16	High Protection (T) or Low Protection (B)	2.7-3.6V	70ns	-40 to 125°C	TSOP, BGA	Prod

