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Home › Products › Memories for Embedded Systems › Parallel NOR Flash Memory › 32Mb – 2Gb 3.0V High Performance, Parallel Page Mode (GL) Flash Memory › S29GL02GS12TFSR20

S29GL02GS12TFSR20

Status: In Production

Product Specs

Pricing & Inventory

Packaging/Ordering

Quality and RoHS

Technical Documents

S29GL02GS12TFSR20	
Automotive Qualified	N
Density (Mbit)	2048
Initial Access Time (ns)	120
Interface	Parallel
Interface Bandwidth (MBps)	NA
Interface Frequency (SDR / DDR) (MHz)	NA
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	0
Min. Operating Voltage (V)	2.70
Operating Voltage (V)	3
Page Access Time (ns)	15
Part Family	Parallel NOR
Series	GL-S
Tape & Reel	N
Temperature Range (Min C to Max C)	0C to +85C

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Webinars

PRICING & INVENTORY AVAILABILITY					
1-9 unit Price*	10-24 unit Price*	25-99 unit Price*	100-249 unit Price*	250-999 unit Price*	1000+ unit Price*
Contact Sales					

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
Out of Stock	0	Please click here to check lead times	Contact Sales	Buy

* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku

PACKAGING/ORDERING

No. of Pins	56
Package Cross Section Drawing	Download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Package Orientation
Standard Pack Quantity	1
Minimum Order Quantity (MOQ)	91
Order Increment	91
Estimated Lead Time (days)	196
HTS Code	8542.32.0051
ECCN Suball	3A991.B.1.A

QUALITY AND ROHS

Moisture Sensitivity Level (MSL)	3
Peak Reflow Temp. (°C)	260 (Cypress Reflow Profile)
RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Matte Tin Plating
Marking	Cypress Marking Format

Device Qualification Reports

FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.

[S29GL02GS Reliability Report](#) *Last Update: May 16, 2017*

TECHNICAL DOCUMENTS

Application Notes (25)

[AN216200 - Cypress Non-Burst-Mode Parallel NOR Flash Memory – Layout Guide for PCBs](#) Mar 19, 2019

[AN98565 - Laser Marking](#) Nov 14, 2018

[AN200621 - Cypress GL-S and GL-T MirrorBit® Flash Nonvolatile Memory Families - Automatic ECC](#) Nov 08, 2018

[AN202453 - Migration from GL-P and GL-S to GL-T Flash](#) Nov 04, 2018

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