

EFM32GG12B390F512GL112-AR Information


For Reference Only

Part Number [EFM32GG12B390F512GL112-AR](#)
Manufacturer Silicon Labs
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description MCU 72MHZ BGA112 512KB 90GPIO
Package 112-LFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



[Request a Quote](#)

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


EFM32GG12B390F512GL112-AR Specifications

Manufacturer Part Number	EFM32GG12B390F512GL112-AR
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	112-LFBGA
Series	Giant Gecko S1
Core Processor	ARM® Cortex®-M4
Core Size	32-Bit
Speed	72MHz
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, PDM, SmartCard, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Number of I/O	87
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	192K x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.8V
Data Converters	A/D 16x12b SAR; D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	112-LFBGA
Supplier Device Package	112-BGA (10x10)

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EFM32GG12B390F512GL112-AR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

EFM32GG12B390F512GL112-AR Payment Methods



EFM32GG12B390F512GL112-AR Shipping Methods



If you have any question about EFM32GG12B390F512GL112-AR, please do not hesitate to contact us!

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