

EFM32GG12B830F512GL120-AR Information


For Reference Only

Part Number [EFM32GG12B830F512GL120-AR](#)
Manufacturer Silicon Labs
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description MCU 72MHZ BGA120 512KB 95GPIO
Package 120-VFBGA
 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.


EFM32GG12B830F512GL120-AR Specifications

Manufacturer Part Number	EFM32GG12B830F512GL120-AR
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	120-VFBGA
Series	Giant Gecko S1
Core Processor	ARM® Cortex®-M4
Core Size	32-Bit
Speed	72MHz
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD/SDIO, PDM, QSPI, SmartCard, SPI, UART /USART, USB
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Number of I/O	95
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	192K x 8
Voltage - Supply (V _{cc} /V _{dd})	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	120-VFBGA

Supplier Device Package 120-BGA (7x7)

[Report errors?](#)

EFM32GG12B830F512GL120-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.

EFM32GG12B830F512GL120-AR Payment Methods



EFM32GG12B830F512GL120-AR Shipping Methods



If you have any question about EFM32GG12B830F512GL120-AR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com