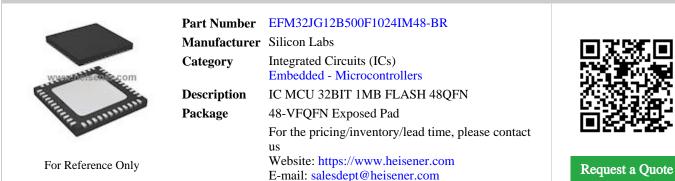


# EFM32JG12B500F1024IM48-BR

### EFM32JG12B500F1024IM48-BR Information



# **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.



## EFM32JG12B500F1024IM48-BR Specifications

Manufacturer Part Number	EFM32JG12B500F1024IM48-BR	
Manufacturer	Silicon Labs	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	48-VFQFN Exposed Pad	
Series	Jade Gecko	
Core Processor	ARM? Cortex?-M3	
Core Size	32-Bit	
Speed	40MHz	
Connectivity	I2C, IrDA, LIN, SmartCard, SPI, UART/USART	
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT	
Number of I/O	33	
Program Memory Size	1MB (1M x 8)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	256K x 8	
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.8 V	
Data Converters	A/D - 12b SAR	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 125°C (TJ)	
Mounting Type	-	
Package / Case	48-VFQFN Exposed Pad	
Supplier Device Package	48-QFN (7x7)	
		Report errors?

## EFM32JG12B500F1024IM48-BR 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.



If you have any question about EFM32JG12B500F1024IM48-BR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com