



Energy Micro (Silicon Labs)

### EFM32JG12B500F1024IM48-BR

Part Number:	EFM32JG12B500F1024IM48-BR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 1MB FLASH 48QFN
Datasheets:	<a href="#">PDF 1.EFM32JG12B500F1024IM48-BR.pdf</a> <a href="#">PDF 2.EFM32JG12B500F1024IM48-BR.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	28388 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of EFM32JG12B500F1024IM48-BR

PART NUMBER	EFM32JG12B500F1024IM48-BR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 1MB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	28388 pcs
DATA SHEET	<a href="#">PDF 1.EFM32JG12B500F1024IM48-BR.pdf</a> <a href="#">PDF 2.EFM32JG12B500F1024IM48-BR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	40MHz
SERIES	Jade Gecko
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF I/O	33
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Jade Gecko Microcontroller IC 32-Bit 40MHz 1MB (1M x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D - 12b SAR
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SmartCard, SPI, UART/USART

#### Related Tags

Energy Micro (Silicon Labs) EFM32JG12B500F1024IM48-BR	EFM32JG12B500F1024IM48-BR Distributor	EFM32JG12B500F1024IM48-BR Supplier
EFM32JG12B500F1024IM48-BR Price	EFM32JG12B500F1024IM48-BR Pictures	EFM32JG12B500F1024IM48-BR Image
EFM32JG12B500F1024IM48-BR PDF Datasheet	EFM32JG12B500F1024IM48-BR Download Datasheet	EFM32JG12B500F1024IM48-BR Datasheet
EFM32JG12B500F1024IM48-BR Stock	Buy EFM32JG12B500F1024IM48-BR	Buy Energy Micro (Silicon Labs) EFM32JG12B500F1024IM48-BR
Energy Micro (Silicon Labs) EFM32JG12B500F1024IM48-BR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32JG12B500F1024IM48-BR	Energy Micro EFM32JG12B500F1024IM48-BR	Energy Micro (Silicon Labs) EFM32JG12B500F1024IM48-BR
Silicon Laboratories EFM32JG12B500F1024IM48-BR	Silicon Labs EFM32JG12B500F1024IM48-BR	

#### Related Products

<p><b>EFM32JG12B500F1024GM48-CR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: JADE M3 QFN48 G-GRADE                  In stock: 28118 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32JG1B100F128GM32-C0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 32QFN                  In stock: 54308 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32JG12B500F1024IL125-B</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 1MB FLASH 125BGA                  In stock: 23011 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32JG12B500F1024IL125-C</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: JADE M3 BGA125 I-GRADE                  In stock: 24488 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32JG12B500F1024IM48-CR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: JADE M3 QFN48 I-GRADE                  In stock: 21280 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32JG12B500F1024IM48-C</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: JADE M3 QFN48 I-GRADE                  In stock: 24488 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32JG12B500F1024IL125-BR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 1MB FLASH 125BGA                  In stock: 20253 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32JG12B500F1024IL125-CR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: JADE M3 BGA125 I-GRADE                  In stock: 25245 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32JG12B500F1024IM48-B</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 1MB FLASH 48QFN                  In stock: 21645 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32JG1B100F128GM32-C0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 32QFN                  In stock: 49604 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32JG1B100F128GM32-B0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 32QFN                  In stock: 57077 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32JG1B100F128GM32-B0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 32QFN                  In stock: 3523 pcs  <a href="#">RFQ</a></p>