



Energy Micro (Silicon Labs)

### EFM32GG11B840F1024IQ100-B

Part Number:	EFM32GG11B840F1024IQ100-B
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	GIANT GECKO 11 ULTRA LOW POWER M
Datasheets:	<a href="#">EFM32GG11B840F1024IQ100-B.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	9493 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 EFM32GG11B840F1024IQ100-B

PART NUMBER	EFM32GG11B840F1024IQ100-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	GIANT GECKO 11 ULTRA LOW POWER M
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9493 pcs
DATA SHEET	<a href="#">EFM32GG11B840F1024IQ100-B.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	72MHz
SERIES	Giant Gecko S1
RAM SIZE	512K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Giant Gecko S1 Microcontroller IC 32-Bit 72MHz 1MB (1M x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 16x12b SAR, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SmartCard, SPI, UART/USART, USB

#### Related Tags

Energy Micro (Silicon Labs) EFM32GG11B840F1024IQ100-B	EFM32GG11B840F1024IQ100-B Distributor	EFM32GG11B840F1024IQ100-B Supplier
EFM32GG11B840F1024IQ100-B Price	EFM32GG11B840F1024IQ100-B Pictures	EFM32GG11B840F1024IQ100-B Image
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Silicon Laboratories EFM32GG11B840F1024IQ100-B	Silicon Labs EFM32GG11B840F1024IQ100-B	

#### Related Products

<p><b>EFM32GG11B840F1024IQ100-AR</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 11696 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>EFM32GG11B840F1024IM64-A</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 10996 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>EFM32GG11B840F1024IM64-B</b> Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 12627 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>EFM32GG11B840F1024IQ100-A</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 10298 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>EFM32GG11B840F1024IM64-BR</b> Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 12747 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>EFM32GG11B840F1024IM64-AR</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 13878 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>EFM32GG230F1024-QFN64</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 14989 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>EFM32GG11B840F1024IQ100-BR</b> Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 11480 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>EFM32GG11B840F1024IQ64-AR</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 13851 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>EFM32GG11B840F1024IQ64-A</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 13104 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>EFM32GG11B840F1024IQ64-BR</b> Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 11945 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>EFM32GG11B840F1024IQ64-B</b> Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 12375 pcs</p> <p><a href="#">RFQ</a></p>