

EFM32GG11B840F1024IQ100-B



SILICON LABS



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Part Number: [EFM32GG11B840F1024IQ100-B](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: GIANT GECKO 11 ULTRA LOW POWER M

Data sheet:  [EFM32GG11 Family Preliminary](#)

RoHs Status: Lead free / RoHS Compliant

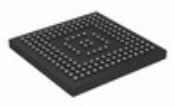
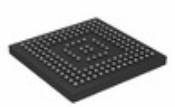
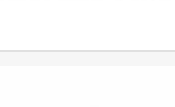
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                    |                                 |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | EFM32GG11B840F1024IQ100-B                                                                          | Manufacturer                    | <a href="#">Energy Micro (Silicon Labs)</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | GIANT GECKO 11 ULTRA LOW POWER M                                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 10691 pcs                                                                                          | Data sheet                      | <a href="#">EFM32GG11 Family Preliminary</a><br>1.8 V ~ 3.6 V |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                                          | Voltage - Supply (Vcc/Vdd)      |                                                               |
| 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)                                                                                      | Manufacturer Standard Lead Time | 6 Weeks                                                       |
| 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   |                                 |                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 10691 pieces of Energy Micro (Silicon Labs) EFM32GG11B840F1024IQ100-B in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                                                    |                                 |                                                               |

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----|
|  | Part#: <a href="#">EFM32GG11B840F1024IL152-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IL152-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IQ64-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IQ100-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG230F1024-QFN64</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN          | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
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|  | Part#: <a href="#">EFM32GG230F1024-QFN64T</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN         | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IQ100-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IQ100-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
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|  | Part#: <a href="#">EFM32GG11B840F1024IQ64-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IM64-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IM64-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IQ64-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG230F1024G-E-QFN64R</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IL152-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG230F512-QFN64</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN         | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IL152-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B840F1024IM64-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG230F1024G-E-QFN64</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |

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| Related keywords for EFM32GG11B840F1024IQ100-B |                                       |                                                |                                        |
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|                                                |                                       |                                                | EFM32GG11B840F1024IQ100-B              |
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