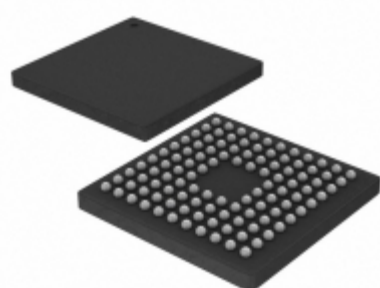


EFM32GG11B420F2048GL112-BR





SILICON LABS

Part Number:

EFM32GG11B420F2048GL112-BR

Manufacturer:

Energy Micro (Silicon Labs)

Description:

GIANT GECKO 11 ULTRA LOW POWER M

Data sheet:

 [EFM32GG11 Family Preliminary](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

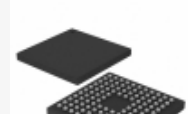
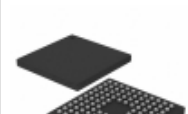
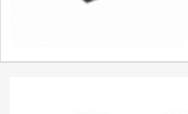
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy EFM32GG11B420F2048GL112-BR with confidence  
from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                   |                                 |                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | EFM32GG11B420F2048GL112-BR                                                                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                              | 11315 pcs                                                                                         | Data sheet                      | <a href="#">EFM32GG11 Family Preliminary</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                                         | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                         | 112-BGA (10x10)                                                                                   | Speed                           | 72MHz                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                          | Giant Gecko S1                                                                                    | RAM Size                        | 512K x 8                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                                                                             | Program Memory Size             | 2MB (2M x 8)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                     | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                   | Packaging                       | Tape & Reel (TR)                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | 112-TFBGA                                                                                         | Oscillator Type                 | Internal                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C (TA)                                                                                 | Number of I/O                   | 87                                           |
| 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 2MB (2M x 8) FLASH 112-BGA (10x10) | 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 11315 pieces of Energy Micro (Silicon Labs) EFM32GG11B420F2048GL112-BR 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 |                                                                                                   |                                 |                                              |

| RELATED PRODUCTS                                                                   |                                                                                                    |                                                            |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EFM32GG11B320F2048GQ100-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GQ100-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B320F2048GQ100-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GL112-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EFM32GG11B420F2048GQ100-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B320F2048GL112-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GM64-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GL120-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GL120-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GL112-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GM64-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG11B420F2048GL112-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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