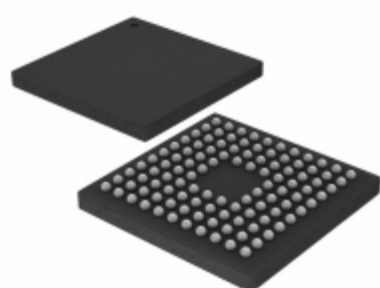


EFM32GG11B420F2048GL112-AR





SILICON LABS

Part Number: [EFM32GG11B420F2048GL112-AR](#)

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

Description: EFM32 GIANT GECKO 11 ULTRA LOW P

Data sheet:  [EFM32GG11 Family Preliminary](#)

RoHs Status: RoHS Compliant

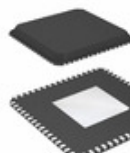
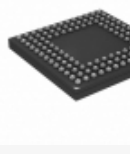
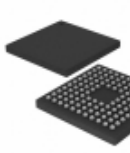
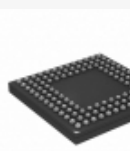
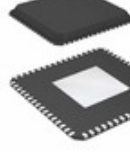
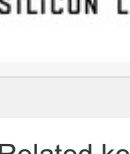
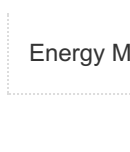
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy EFM32GG11B420F2048GL112-AR with confidence  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                   |                                  |                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | EFM32GG11B420F2048GL112-AR                                                                        | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | EFM32 GIANT GECKO 11 ULTRA LOW P                                                                  | Lead Free Status / RoHS Status   | RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 10100 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                                                                                    | RoHS Status                      | RoHS Compliant                                   |
| 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                                                                                           | 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 10100 pieces of Energy Micro (Silicon Labs) EFM32GG11B420F2048GL112-AR 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="#">EFM32GG11B420F2048GM64-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GL120-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GL112-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GL112-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GM64-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GL112-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GL112-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GQ100-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GL112-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GL112-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GQ100-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GL120-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B310F2048GQ100-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GL112-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GQ100-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GL120-BR</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GM64-AR</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GL120-A</a><br>Description: EFM32 GIANT GECKO 11 ULTRA LOW P  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B420F2048GM64-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">EFM32GG11B320F2048GQ100-B</a><br>Description: GIANT GECKO 11 ULTRA LOW POWER M  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |

|                                                        |                                               |                                                 |                                         |
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