



Energy Micro (Silicon Labs)

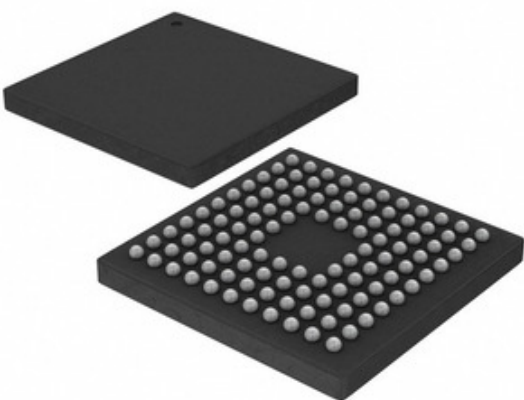


Image may be representation. See specifications for product details.

EFM32GG11B310F2048GL112-AR

|                     |                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32GG11B310F2048GL112-AR                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                      |
| Product description | EFM32 GIANT GECKO 11 ULTRA LOW P                                                                                                 |
| Datasheets:         |  <a href="#">EFM32GG11B310F2048GL112-AR.pdf</a> |
| RoHs Status         |  RoHS Compliant                                 |
| Stock Condition     | 11765 pcs stock                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                            |

REQUEST FOR QUOTATION

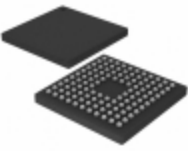
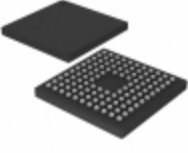
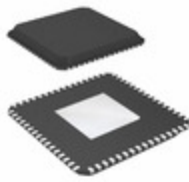
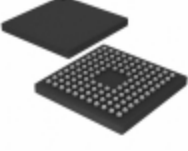
Specifications of EFM32GG11B310F2048GL112-AR

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32GG11B310F2048GL112-AR                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                        |
| DESCRIPTION                      | EFM32 GIANT GECKO 11 ULTRA LOW P                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | RoHS Compliant                                                                                                                     |
| QUANTITY AVAILABLE               | 11765 pcs                                                                                                                          |
| DATA SHEET                       |  <a href="#">EFM32GG11B310F2048GL112-AR.pdf</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                         | 384K 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                    | 90                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                      |
| 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, I²C, IrDA, LINbus, SmartCard, SPI, UART/USART                                                                     |

Related Tags

|                                                           |                                               |                                                               |
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| Energy Micro (Silicon Labs)<br>EFM32GG11B310F2048GL112-AR | EFM32GG11B310F2048GL112-AR Distributor        | EFM32GG11B310F2048GL112-AR Supplier                           |
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Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
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| <div><div>EFM32GG11B120F2048IQ64-B</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 10078 pcs</div><div>RFQ</div></div>   | <div><div>EFM32GG11B310F2048GQ100-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 13791 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32GG11B120F2048IQ64-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 14060 pcs</div><div>RFQ</div></div>  | <div><div>EFM32GG11B310F2048GL112-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 13909 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32GG11B310F2048GQ100-B</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 10230 pcs</div><div>RFQ</div></div>  | <div><div>EFM32GG11B120F2048IQ64-BR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 11733 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32GG11B310F2048GQ100-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 13455 pcs</div><div>RFQ</div></div> | <div><div>EFM32GG11B120F2048IQ64-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 11080 pcs</div><div>RFQ</div></div>   |
| <div><div>EFM32GG11B310F2048GQ100-BR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 12379 pcs</div><div>RFQ</div></div> | <div><div>EFM32GG11B310F2048GL112-BR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 12629 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32GG11B120F2048IM64-BR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 11064 pcs</div><div>RFQ</div></div>  | <div><div>EFM32GG11B310F2048GL112-B</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 11710 pcs</div><div>RFQ</div></div>  |