



Energy Micro (Silicon Labs)

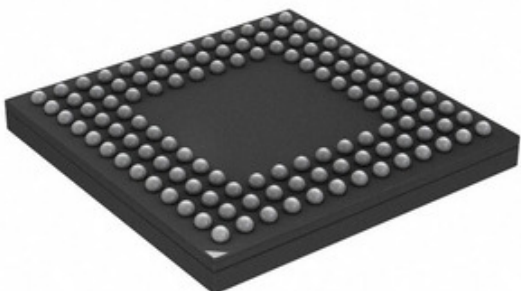


Image may be representation. See specifications for product details.

EFM32GG11B820F2048GL120-BR

|                     |                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32GG11B820F2048GL120-BR                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                      |
| Product description | GIANT GECKO 11 ULTRA LOW POWER M                                                                                                 |
| Datasheets:         |  <a href="#">EFM32GG11B820F2048GL120-BR.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant                     |
| Stock Condition     | 10636 pcs stock                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                            |

REQUEST FOR QUOTATION

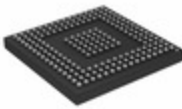
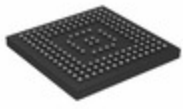
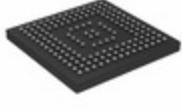
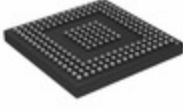
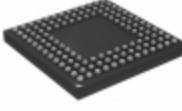
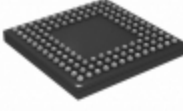
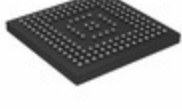
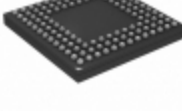
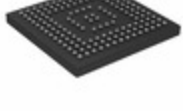
Specifications of EFM32GG11B820F2048GL120-BR

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32GG11B820F2048GL120-BR                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                        |
| DESCRIPTION                      | GIANT GECKO 11 ULTRA LOW POWER M                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                         |
| QUANTITY AVAILABLE               | 10636 pcs                                                                                                                          |
| DATA SHEET                       |  <a href="#">EFM32GG11B820F2048GL120-BR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 120-BGA (7x7)                                                                                                                      |
| 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                   | 120-VFBGA                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                  |
| NUMBER OF I/O                    | 95                                                                                                                                 |
| 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 2MB (2M x 8) FLASH 120-BGA (7x7)                                    |
| 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)<br>EFM32GG11B820F2048GL120-BR | EFM32GG11B820F2048GL120-BR Distributor        | EFM32GG11B820F2048GL120-BR Supplier                           |
| EFM32GG11B820F2048GL120-BR Price                          | EFM32GG11B820F2048GL120-BR Pictures           | EFM32GG11B820F2048GL120-BR Image                              |
| EFM32GG11B820F2048GL120-BR PDF Datasheet                  | EFM32GG11B820F2048GL120-BR Download Datasheet | EFM32GG11B820F2048GL120-BR Datasheet                          |
| EFM32GG11B820F2048GL120-BR Stock                          | Buy EFM32GG11B820F2048GL120-BR                | Buy Energy Micro (Silicon Labs)<br>EFM32GG11B820F2048GL120-BR |
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| Silicon Laboratories EFM32GG11B820F2048GL120-BR           | Silicon Labs EFM32GG11B820F2048GL120-BR       |                                                               |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                             |
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|  <div><b>EFM32GG11B820F2048GL192-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 10607 pcs<br/><div>RFQ</div></div> |  <div><b>EFM32GG11B820F2048GL152-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 9602 pcs<br/><div>RFQ</div></div> |
|  <div><b>EFM32GG11B820F2048GL152-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 8175 pcs<br/><div>RFQ</div></div>   |  <div><b>EFM32GG11B820F2048GL192-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 10416 pcs<br/><div>RFQ</div></div> |
|  <div><b>EFM32GG11B520F2048IQ64-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 13220 pcs<br/><div>RFQ</div></div>  |  <div><b>EFM32GG11B520F2048IQ64-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 11582 pcs<br/><div>RFQ</div></div> |
|  <div><b>EFM32GG11B820F2048GL120-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 8140 pcs<br/><div>RFQ</div></div>   |  <div><b>EFM32GG11B820F2048GL120-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 9021 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EFM32GG11B820F2048GL152-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 9522 pcs<br/><div>RFQ</div></div>  |  <div><b>EFM32GG11B520F2048IQ64-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 11986 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EFM32GG11B820F2048GL120-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 12334 pcs<br/><div>RFQ</div></div> |  <div><b>EFM32GG11B820F2048GL152-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 9941 pcs<br/><div>RFQ</div></div>  |