



Energy Micro (Silicon Labs)

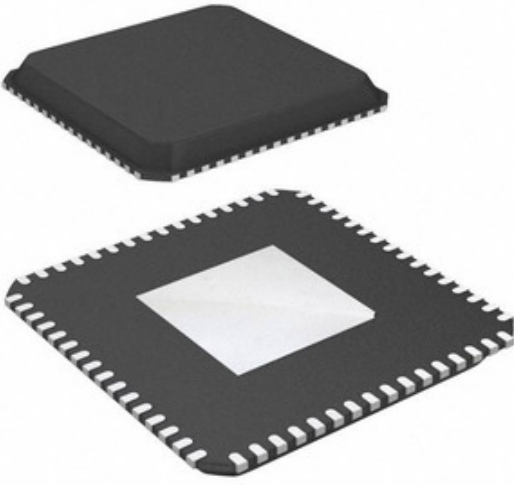


Image may be representation. See specifications for product details.

EFM32GG11B820F2048GM64-B

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32GG11B820F2048GM64-B                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                    |
| Product description | GIANT GECKO 11 ULTRA LOW POWER M                                                                                               |
| Datasheets:         |  <a href="#">EFM32GG11B820F2048GM64-B.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                   |
| Stock Condition     | 8272 pcs stock                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                          |

REQUEST FOR QUOTATION

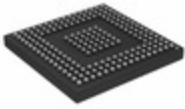
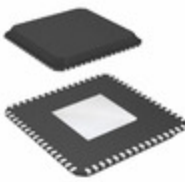
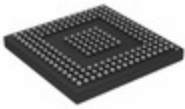
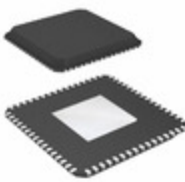
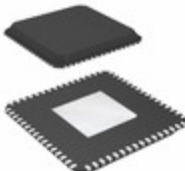
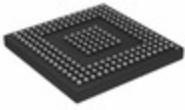
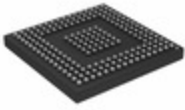
Specifications of EFM32GG11B820F2048GM64-B

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32GG11B820F2048GM64-B                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                      |
| DESCRIPTION                      | GIANT GECKO 11 ULTRA LOW POWER M                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 8272 pcs                                                                                                                         |
| DATA SHEET                       |  <a href="#">EFM32GG11B820F2048GM64-B.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                     |
| 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                        | Tray                                                                                                                             |
| PACKAGE / CASE                   | 64-WFQFN Exposed Pad                                                                                                             |
| OTHER NAMES                      | 336-5535                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                |
| NUMBER OF I/O                    | 50                                                                                                                               |
| 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 64-QFN (9x9)                                   |
| 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) EFM32GG11B820F2048GM64-B | EFM32GG11B820F2048GM64-B Distributor        | EFM32GG11B820F2048GM64-B Supplier                        |
| EFM32GG11B820F2048GM64-B Price                       | EFM32GG11B820F2048GM64-B Pictures           | EFM32GG11B820F2048GM64-B Image                           |
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| Silicon Laboratories EFM32GG11B820F2048GM64-B        | Silicon Labs EFM32GG11B820F2048GM64-B       |                                                          |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
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|  <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/><b>RFQ</b></div>  |  <div><b>EFM32GG11B820F2048GM64-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 13304 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFM32GG11B820F2048GQ100-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 8820 pcs<br/><b>RFQ</b></div>   |  <div><b>EFM32GG11B820F2048GQ64-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 12354 pcs<br/><b>RFQ</b></div>   |
|  <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/><b>RFQ</b></div> |  <div><b>EFM32GG11B820F2048GM64-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 10871 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFM32GG11B820F2048GQ100-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 9856 pcs<br/><b>RFQ</b></div>  |  <div><b>EFM32GG11B820F2048GQ100-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 8738 pcs<br/><b>RFQ</b></div>   |
|  <div><b>EFM32GG11B820F2048GM64-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 11337 pcs<br/><b>RFQ</b></div>   |  <div><b>EFM32GG11B820F2048GQ100-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 10524 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFM32GG11B820F2048GL192-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 11935 pcs<br/><b>RFQ</b></div> |  <div><b>EFM32GG11B820F2048GL192-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 6906 pcs<br/><b>RFQ</b></div>   |