



Energy Micro (Silicon Labs)



|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32GG11B510F2048IQ64-AR                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                     |
| Product description | EFM32 GIANT GECKO 11 ULTRA LOW P                                                                                |
| Datasheets:         |  EFM32GG11B510F2048IQ64-AR.pdf |
| RoHs Status         |  RoHS Compliant                |
| Stock Condition     | 12488 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

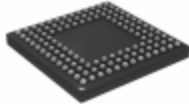
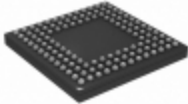
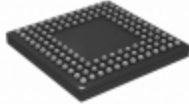
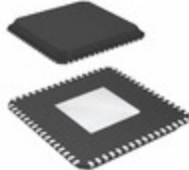
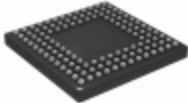
Specifications of EFM32GG11B510F2048IQ64-AR

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32GG11B510F2048IQ64-AR                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                       |
| DESCRIPTION                      | EFM32 GIANT GECKO 11 ULTRA LOW P                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 12488 pcs                                                                                                         |
| DATA SHEET                       |  EFM32GG11B510F2048IQ64-AR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (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                   | 64-TQFP                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                |
| NUMBER OF I/O                    | 50                                                                                                                |
| 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 64-TQFP (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

|                                                       |                                              |                                                           |
|-------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32GG11B510F2048IQ64-AR | EFM32GG11B510F2048IQ64-AR Distributor        | EFM32GG11B510F2048IQ64-AR Supplier                        |
| EFM32GG11B510F2048IQ64-AR Price                       | EFM32GG11B510F2048IQ64-AR Pictures           | EFM32GG11B510F2048IQ64-AR Image                           |
| EFM32GG11B510F2048IQ64-AR PDF Datasheet               | EFM32GG11B510F2048IQ64-AR Download Datasheet | EFM32GG11B510F2048IQ64-AR Datasheet                       |
| EFM32GG11B510F2048IQ64-AR Stock                       | Buy EFM32GG11B510F2048IQ64-AR                | Buy Energy Micro (Silicon Labs) EFM32GG11B510F2048IQ64-AR |
| Energy Micro (Silicon Labs) EFM32GG11B510F2048IQ64-AR | Energy Micro (Silicon Labs) Supplier         | Energy Micro (Silicon Labs) Distributor                   |
| Energy Micro (Silicon Labs) EFM32GG11B510F2048IQ64-AR | Energy Micro EFM32GG11B510F2048IQ64-AR       | Energy Micro (Silicon Labs) EFM32GG11B510F2048IQ64-AR     |
| Silicon Laboratories EFM32GG11B510F2048IQ64-AR        | Silicon Labs EFM32GG11B510F2048IQ64-AR       |                                                           |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EFM32GG11B520F2048GL120-AR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 11284 pcs</div> <div>RFQ</div> |  <div>EFM32GG11B520F2048GL120-A<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 11356 pcs</div> <div>RFQ</div>  |
|  <div>EFM32GG11B510F2048IQ100-B<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 10720 pcs</div> <div>RFQ</div>  |  <div>EFM32GG11B510F2048IQ64-BR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 12259 pcs</div> <div>RFQ</div>  |
|  <div>EFM32GG11B510F2048IQ100-A<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 13026 pcs</div> <div>RFQ</div>  |  <div>EFM32GG11B510F2048IQ100-BR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 13073 pcs</div> <div>RFQ</div> |
|  <div>EFM32GG11B520F2048GL120-B<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 8917 pcs</div> <div>RFQ</div>   |  <div>EFM32GG11B510F2048IQ100-AR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 11656 pcs</div> <div>RFQ</div> |
|  <div>EFM32GG11B510F2048IQ64-A<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 15277 pcs</div> <div>RFQ</div>   |  <div>EFM32GG11B510F2048IQ64-B<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 10866 pcs</div> <div>RFQ</div>   |
|  <div>EFM32GG11B510F2048IM64-BR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 14032 pcs</div> <div>RFQ</div>  |  <div>EFM32GG11B520F2048GL120-BR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 10892 pcs</div> <div>RFQ</div> |