



Energy Micro (Silicon Labs)

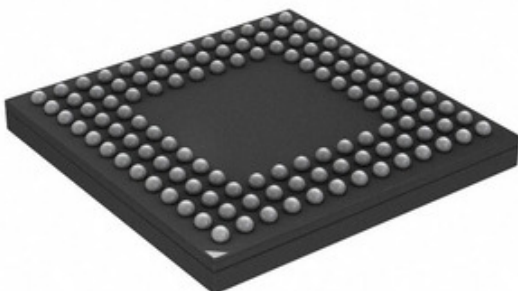


Image may be representation. See specifications for product details.

EFM32GG11B840F1024IL120-B

|                     |                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32GG11B840F1024IL120-B                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                     |
| Product description | GIANT GECKO 11 ULTRA LOW POWER M                                                                                                |
| Datasheets:         |  <a href="#">EFM32GG11B840F1024IL120-B.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                    |
| Stock Condition     | 10485 pcs stock                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                           |

REQUEST FOR QUOTATION

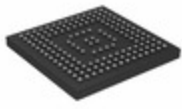
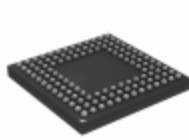
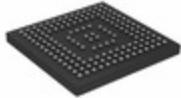
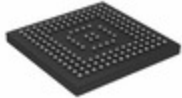
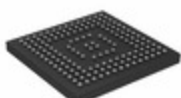
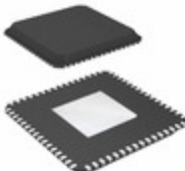
Specifications of EFM32GG11B840F1024IL120-B

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32GG11B840F1024IL120-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               | 10485 pcs                                                                                                                         |
| DATA SHEET                       |  <a href="#">EFM32GG11B840F1024IL120-B.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              | 1MB (1M x 8)                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                                                   |
| PACKAGING                        | Tray                                                                                                                              |
| PACKAGE / CASE                   | 120-VFBGA                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 1MB (1M 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

|                                                       |                                              |                                                           |
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| Energy Micro (Silicon Labs) EFM32GG11B840F1024IL120-B | EFM32GG11B840F1024IL120-B Distributor        | EFM32GG11B840F1024IL120-B Supplier                        |
| EFM32GG11B840F1024IL120-B Price                       | EFM32GG11B840F1024IL120-B Pictures           | EFM32GG11B840F1024IL120-B Image                           |
| EFM32GG11B840F1024IL120-B PDF Datasheet               | EFM32GG11B840F1024IL120-B Download Datasheet | EFM32GG11B840F1024IL120-B Datasheet                       |
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| Silicon Laboratories EFM32GG11B840F1024IL120-B        | Silicon Labs EFM32GG11B840F1024IL120-B       |                                                           |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
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| <div><div>EFM32GG11B840F1024GQ64-BR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 13046 pcs</div><div>RFQ</div></div>  | <div><div>EFM32GG11B840F1024IL152-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 10487 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32GG11B840F1024IL120-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 12986 pcs</div><div>RFQ</div></div>  | <div><div>EFM32GG11B840F1024GQ64-B</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 12005 pcs</div><div>RFQ</div></div>   |
| <div><div>EFM32GG11B840F1024IL152-BR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 12916 pcs</div><div>RFQ</div></div> | <div><div>EFM32GG11B840F1024IL152-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 12466 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32GG11B840F1024IL152-B</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 9385 pcs</div><div>RFQ</div></div>   | <div><div>EFM32GG11B840F1024GQ64-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 12105 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32GG11B840F1024IL120-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 12085 pcs</div><div>RFQ</div></div> | <div><div>EFM32GG11B840F1024IL120-BR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: GIANT GECKO 11 ULTRA LOW POWER M<br/>In stock: 10529 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32GG11B840F1024IM64-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 10996 pcs</div><div>RFQ</div></div>   | <div><div>EFM32GG11B840F1024GQ64-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EFM32 GIANT GECKO 11 ULTRA LOW P<br/>In stock: 13004 pcs</div><div>RFQ</div></div>   |