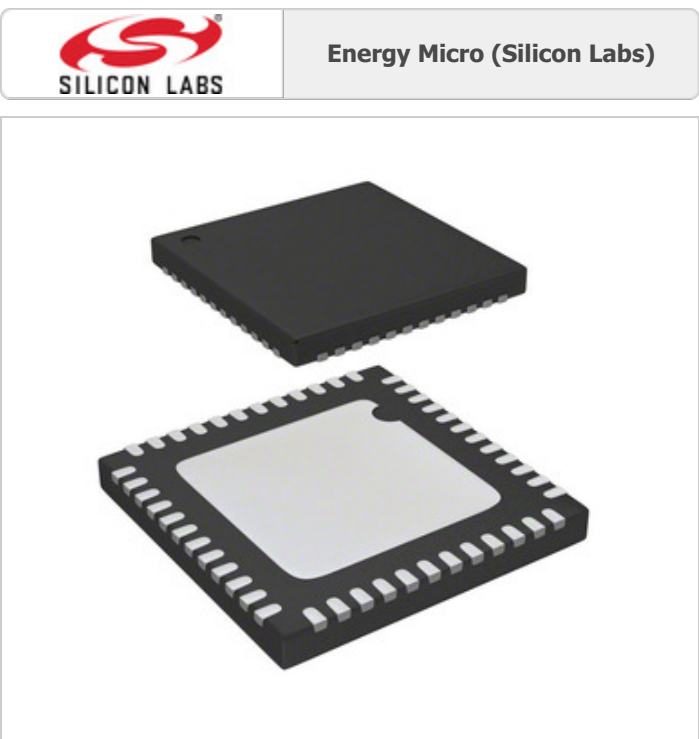




EFM32JG1B200F256GM48-C0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32JG1B200F256GM48-C0                                                                                      |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 48QFN                                                                               |
|                     | <a href="#">PDF</a> 1.EFM32JG1B200F256GM48-C0.pdf                                                            |
|                     | <a href="#">PDF</a> 2.EFM32JG1B200F256GM48-C0.pdf                                                            |
|                     | <a href="#">PDF</a> 3.EFM32JG1B200F256GM48-C0.pdf                                                            |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 36729 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

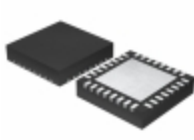
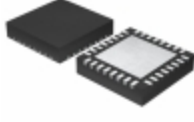
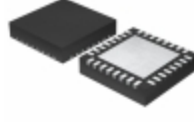
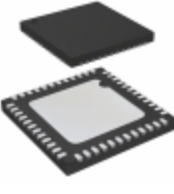
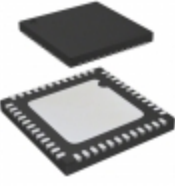
Specifications of EFM32JG1B200F256GM48-C0

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32JG1B200F256GM48-C0                                                                                                                                     |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48QFN                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                  |
| QUANTITY AVAILABLE               | 36729 pcs                                                                                                                                                   |
| DATA SHEET                       | <a href="#">PDF</a> 1.EFM32JG1B200F256GM48-C0.pdf<br><a href="#">PDF</a> 2.EFM32JG1B200F256GM48-C0.pdf<br><a href="#">PDF</a> 3.EFM32JG1B200F256GM48-C0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.85 V ~ 3.8 V                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-QFN (7x7)                                                                                                                                                |
| SPEED                            | 40MHz                                                                                                                                                       |
| SERIES                           | Jade Gecko                                                                                                                                                  |
| RAM SIZE                         | 32K x 8                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                       |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tray                                                                                                                                                        |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                                                        |
| OTHER NAMES                      | 336-3790                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                           |
| NUMBER OF I/O                    | 32                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 Jade Gecko Microcontroller IC 32-Bit 40MHz 256KB (256K x 8) FLASH 48-QFN (7x7)                                                              |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                             |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SmartCard, SPI, UART/USART                                                                                                  |

Related Tags

|                                                     |                                            |                                                         |
|-----------------------------------------------------|--------------------------------------------|---------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32JG1B200F256GM48-C0 | EFM32JG1B200F256GM48-C0 Distributor        | EFM32JG1B200F256GM48-C0 Supplier                        |
| EFM32JG1B200F256GM48-C0 Price                       | EFM32JG1B200F256GM48-C0 Pictures           | EFM32JG1B200F256GM48-C0 Image                           |
| EFM32JG1B200F256GM48-C0 PDF Datasheet               | EFM32JG1B200F256GM48-C0 Download Datasheet | EFM32JG1B200F256GM48-C0 Datasheet                       |
| EFM32JG1B200F256GM48-C0 Stock                       | Buy EFM32JG1B200F256GM48-C0                | Buy Energy Micro (Silicon Labs) EFM32JG1B200F256GM48-C0 |
| Energy Micro (Silicon Labs) EFM32JG1B200F256GM48-C0 | Energy Micro (Silicon Labs) Supplier       | Energy Micro (Silicon Labs) Distributor                 |
| Energy Micro (Silicon Labs) EFM32JG1B200F256GM48-C0 | Energy Micro EFM32JG1B200F256GM48-C0       | Energy Micro (Silicon Labs) EFM32JG1B200F256GM48-C0     |
| Silicon Laboratories EFM32JG1B200F256GM48-C0        | Silicon Labs EFM32JG1B200F256GM48-C0       |                                                         |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>EFM32JG1B200F256GM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 39463 pcs<br/><div>RFQ</div></div></div>  | <div><div><b>EFM32LG-DK3650</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV EFM32 LEOPARD GECKO<br/>In stock: 301 pcs<br/><div>RFQ</div></div></div>                |
| <div><div><b>EFM32JG1B200F256IM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 37894 pcs<br/><div>RFQ</div></div></div> | <div><div><b>EFM32JG1B200F256GM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 47872 pcs<br/><div>RFQ</div></div></div> |
| <div><div><b>EFM32JG1B200F256GM32-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 5835 pcs<br/><div>RFQ</div></div></div>  | <div><div><b>EFM32JG1B200F256GM32-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 40783 pcs<br/><div>RFQ</div></div></div>  |
| <div><div><b>EFM32JG1B200F256IM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 38249 pcs<br/><div>RFQ</div></div></div>  | <div><div><b>EFM32JG1B200F256IM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 45748 pcs<br/><div>RFQ</div></div></div> |
| <div><div><b>EFM32JG1B200F256GM48-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 32343 pcs<br/><div>RFQ</div></div></div>  | <div><div><b>EFM32JG1B200F256GM48-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 2887 pcs<br/><div>RFQ</div></div></div>  |
| <div><div><b>EFM32JG1B200F256IM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 42245 pcs<br/><div>RFQ</div></div></div>  | <div><div><b>EFM32JG1B200F256GM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 54882 pcs<br/><div>RFQ</div></div></div> |