



Energy Micro (Silicon Labs)



|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32JG1B200F256IM32-C0R                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                    |
| Product description | IC MCU 32BIT 256KB FLASH 32QFN                                                                                 |
| Datasheets:         |  EFM32JG1B200F256IM32-C0R.pdf |
| RoHS Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 37894 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

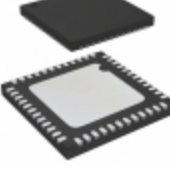
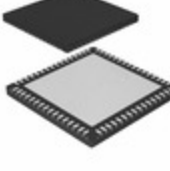
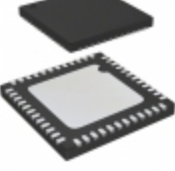
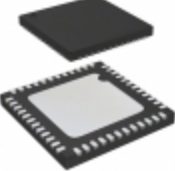
Specifications of EFM32JG1B200F256IM32-C0R

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32JG1B200F256IM32-C0R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 32QFN                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 37894 pcs                                                                                                        |
| DATA SHEET                       |  EFM32JG1B200F256IM32-C0R.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.85 V ~ 3.8 V                                                                                                   |
| 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                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                               |
| NUMBER OF I/O                    | 20                                                                                                               |
| 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                                |
| DATA CONVERTERS                  | A/D 20x12b                                                                                                       |
| 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) EFM32JG1B200F256IM32-C0R | EFM32JG1B200F256IM32-C0R Distributor        | EFM32JG1B200F256IM32-C0R Supplier                        |
| EFM32JG1B200F256IM32-C0R Price                       | EFM32JG1B200F256IM32-C0R Pictures           | EFM32JG1B200F256IM32-C0R Image                           |
| EFM32JG1B200F256IM32-C0R PDF Datasheet               | EFM32JG1B200F256IM32-C0R Download Datasheet | EFM32JG1B200F256IM32-C0R Datasheet                       |
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| Silicon Laboratories EFM32JG1B200F256IM32-C0R        | Silicon Labs EFM32JG1B200F256IM32-C0R       |                                                          |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
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|  <div><b>EFM32LG-MCP3650</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD MCU PLUGIN LEOPARD GECKO<br/>In stock: 1422 pcs<br/>RFQ</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/>RFQ</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/>RFQ</div>  |  <div><b>EFM32LG-STK3600</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT STARTER LEOPARD GECKO<br/>In stock: 2934 pcs<br/>RFQ</div>                |
|  <div><b>EFM32JG1B200F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 42245 pcs<br/>RFQ</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/>RFQ</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/>RFQ</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/>RFQ</div>  |
|  <div><b>EFM32LG230F128-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 4495 pcs<br/>RFQ</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/>RFQ</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/>RFQ</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/>RFQ</div>  |