

EFM32JG1B200F256GM32-C0R



SILICON LABS



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Part Number: [EFM32JG1B200F256GM32-C0R](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 32BIT 256KB FLASH 32QFN

Data sheet:  [EFM32JG1 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

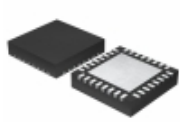
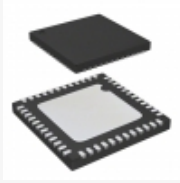
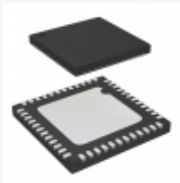
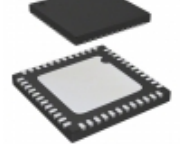
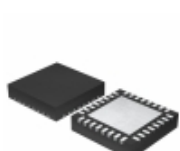
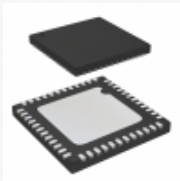
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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                  |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EFM32JG1B200F256GM32-C0R                  | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 256KB FLASH 32QFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44986 pcs                                 | Data sheet                       | <a href="#">EFM32JG1 Datasheet</a>                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | 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 ~ 85°C (TA)                                                                 |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20                                        | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6 Weeks                                   | 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                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 44986 pieces of Energy Micro (Silicon Labs) EFM32JG1B200F256GM32-C0R in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                            |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EFM32JG1B200F256GM32-B0</a><br>Description: IC MCU 32BIT 256KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32JG1B200F128GM48-B0R</a><br>Description: IC MCU 32BIT 128KB FLASH 48QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32JG1B200F256IM32-C0R</a><br>Description: IC MCU 32BIT 256KB FLASH 32QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EFM32LG-MCP3650</a><br>Description: BOARD MCU PLUGIN LEOPARD GECKO          | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32JG1B200F128GM32-C0R</a><br>Description: IC MCU 32BIT 128KB FLASH 32QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32JG1B200F128GM32-C0</a><br>Description: IC MCU 32BIT 128KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32JG1B200F256GM32-C0</a><br>Description: IC MCU 32BIT 256KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG-DK3650</a><br>Description: KIT DEV EFM32 LEOPARD GECKO              | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32JG1B200F256GM48-C0R</a><br>Description: IC MCU 32BIT 256KB FLASH 48QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32JG1B200F256GM32-B0R</a><br>Description: IC MCU 32BIT 256KB FLASH 32QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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Related keywords for EFM32JG1B200F256GM32-C0R

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