



EFM32GG290F1024-BGA112T

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| Manufacturer Part Number: | EFM32GG290F1024-BGA112T |
| Manufacturer / Brand | Energy Micro (Silicon Labs) |
| Part of Description: | IC MCU 32BIT 1MB FLASH 112BGA |
| Datasheets: | EFM32GG290F1024-BGA112T(1).pdf EFM32GG290F1024-BGA112T(2).pdf EFM32GG290F1024-BGA112T(3).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 200 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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Info@IC-Components.com

The specifications of EFM32GG290F1024-BGA112T

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|--------------------------------|--|----------------------------------|--|
| Part Number | EFM32GG290F1024-BGA112T | Manufacturer / Brand | Energy Micro (Silicon Labs) |
| Series | Giant Gecko | Moisture Sensitivity Level (MSL) | 3 (168 Hours) |
| Package / Case | 112-LFBGA | Packaging | Tray |
| Supplier Device Package | 112-BGA (10x10) | Operating Temperature | -40°C ~ 85°C (TA) |
| Detailed Description | ARM® Cortex®-M3 Giant Gecko Microcontroller IC 32-Bit 48MHz 1MB (1M x 8) FLASH 112-BGA (10x10) | Peripherals | Brown-out Detect/Reset, DMA, POR, PWM, WDT |
| Core Processor | ARM® Cortex®-M3 | Speed | 48MHz |
| Number of I/O | 90 | EEPROM Size | - |
| RAM Size | 128K x 8 | Core Size | 32-Bit |
| Connectivity | EBI/EMI, PC, IrDA, SmartCard, SPI, UART/USART | Program Memory Size | 1MB (1M x 8) |
| Program Memory Type | FLASH | Voltage - Supply (Vcc/Vdd) | 1.85 V ~ 3.8 V |
| Data Converters | A/D 8x12b, D/A 2x12b | Oscillator Type | Internal |
| Other Names | EFM32GG290F1024-BGA112-T EFM32GG290F1024-T EFM32GG290F1024-T-ND | Stock Quantity | 200 pcs Stock |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers | Description | IC MCU 32BIT 1MB FLASH 112BGA |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | | |

Keywords related to EFM32GG290F1024-BGA112T

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