

EFM32G880F64G-E-QFP100R



SILICON LABS



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Part Number:

EFM32G880F64G-E-QFP100R

Manufacturer:

Energy Micro (Silicon Labs)

Description:

64K FLASH, 16K RAM, 4X40 LCD, AE

Data sheet:

 [EFM32\(G\) Family Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

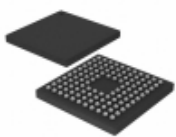
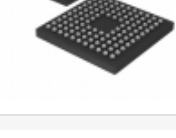
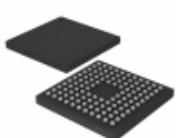
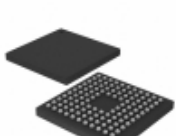
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                  |                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EFM32G880F64G-E-QFP100R                         | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 64K FLASH, 16K RAM, 4X40 LCD, AE                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45368 pcs                                       | Data sheet                       | <a href="#">EFM32(G) Family Datasheet</a>                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>       | Voltage - Supply (Vcc/Vdd)       | 1.98 V ~ 3.8 V                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100-LQFP (14x14)                                | Speed                            | 32MHz                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Gecko                                           | RAM Size                         | 16K x 8                                                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                           | Program Memory Size              | 64KB (64K x 8)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100-LQFP                                        | Other Names                      | 336-4254-2<br>EFM32G880F64G-E-QFP100R-ND                                                    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                        | Operating Temperature            | -40°C ~ 85°C (TA)                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 86                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 Weeks                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                               | Detailed Description             | ARM® Cortex®-M3 Gecko Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 8x12b, D/A 2x12b                            | Core Size                        | 32-Bit                                                                                      |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ARM® Cortex®-M3                                 | Connectivity                     | EBI/EMI, I²C, IrDA, 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 45368 pieces of Energy Micro (Silicon Labs) EFM32G880F64G-E-QFP100R 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="#">EFM32G890F64-BGA112</a><br>Description: IC MCU 32BIT 64KB FLASH 112BGA        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G880F64-QFP100T</a><br>Description: IC MCU 32BIT 64KB FLASH 100LQFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G880F128G-E-QFP100</a><br>Description: 128K FLASH, 16K RAM, 4X40 LCD, A  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G890F32-BGA112</a><br>Description: IC MCU 32BIT 32KB FLASH 112BGA        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G890F32G-E-BGA112R</a><br>Description: 32K FLASH, 8K RAM, 4X40 LCD, AES  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G890F64-BGA112T</a><br>Description: IC MCU 32BIT 64KB FLASH 112BGA       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G890F128-BGA112</a><br>Description: IC MCU 32BIT 128KB FLASH 112BGA      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G890F128-BGA112T</a><br>Description: IC MCU 32BIT 128KB FLASH 112BGA     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G880F128G-E-QFP100R</a><br>Description: 128K FLASH, 16K RAM, 4X40 LCD, A | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32G880F64G-E-QFP100</a><br>Description: 64K FLASH, 16K RAM, 4X40 LCD, AE   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EFM32G880F32-QFP100T</a><br>Description: IC MCU 32BIT 32KB FLASH 100LQFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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| Related keywords for EFM32G880F64G-E-QFP100R        |                                                     |                                      |                                                     |
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