



Energy Micro (Silicon Labs)



EFM32G880F32G-E-QFP100

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32G880F32G-E-QFP100                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | 32K FLASH, 8K RAM, 4X40 LCD, AES                                                                             |
| Datasheets:         |  EFM32G880F32G-E-QFP100.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 32081 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

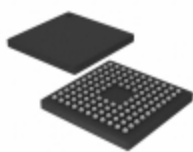
Specifications of EFM32G880F32G-E-QFP100

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32G880F32G-E-QFP100                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                    |
| DESCRIPTION                      | 32K FLASH, 8K RAM, 4X40 LCD, AES                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE               | 32081 pcs                                                                                                      |
| DATA SHEET                       |  EFM32G880F32G-E-QFP100.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.98 V ~ 3.8 V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                               |
| SPEED                            | 32MHz                                                                                                          |
| SERIES                           | Gecko                                                                                                          |
| RAM SIZE                         | 8K x 8                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                          |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                           |
| PACKAGE / CASE                   | 100-LQFP                                                                                                       |
| OTHER NAMES                      | 336-4253<br>EFM32G880F32G-E-QFP100-ND                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                              |
| NUMBER OF I/O                    | 86                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| EEPROM SIZE                      | -                                                                                                              |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 Gecko Microcontroller IC 32-Bit 32MHz 32KB (32K 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                                                                 |

Related Tags

|                                                    |                                           |                                                        |
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| Energy Micro (Silicon Labs) EFM32G880F32G-E-QFP100 | EFM32G880F32G-E-QFP100 Distributor        | EFM32G880F32G-E-QFP100 Supplier                        |
| EFM32G880F32G-E-QFP100 Price                       | EFM32G880F32G-E-QFP100 Pictures           | EFM32G880F32G-E-QFP100 Image                           |
| EFM32G880F32G-E-QFP100 PDF Datasheet               | EFM32G880F32G-E-QFP100 Download Datasheet | EFM32G880F32G-E-QFP100 Datasheet                       |
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| Silicon Laboratories EFM32G880F32G-E-QFP100        | Silicon Labs EFM32G880F32G-E-QFP100       |                                                        |

Related Products

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|  <div>EFM32G880F128-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 36934 pcs</div> <div>RFQ</div>    |  <div>EFM32G880F32-QFP100T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br/>In stock: 34890 pcs</div> <div>RFQ</div>      |
|  <div>EFM32G880F128G-E-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, 4X40 LCD, A<br/>In stock: 28208 pcs</div> <div>RFQ</div> |  <div>EFM32G880F128G-E-QFP100R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, 4X40 LCD, A<br/>In stock: 30861 pcs</div> <div>RFQ</div> |
|  <div>EFM32G880F32-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br/>In stock: 45863 pcs</div> <div>RFQ</div>      |  <div>EFM32G880F64G-E-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, 4X40 LCD, AE<br/>In stock: 36558 pcs</div> <div>RFQ</div>   |
|  <div>EFM32G890F128-BGA112</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: 29158 pcs</div> <div>RFQ</div>     |  <div>EFM32G880F64-QFP100T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 36115 pcs</div> <div>RFQ</div>      |
|  <div>EFM32G880F128-QFP100T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 28359 pcs</div> <div>RFQ</div>   |  <div>EFM32G880F64G-E-QFP100R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, 4X40 LCD, AE<br/>In stock: 43818 pcs</div> <div>RFQ</div>  |
|  <div>EFM32G880F32G-E-QFP100R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, 4X40 LCD, AES<br/>In stock: 45134 pcs</div> <div>RFQ</div> |  <div>EFM32G880F64-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 30532 pcs</div> <div>RFQ</div>       |