



EFM32G280F128G-E-QFP100R

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32G280F128G-E-QFP100R                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                    |
| Product description | 128K FLASH, 16K RAM, AES                                                                                       |
| Datasheets:         |  EFM32G280F128G-E-QFP100R.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

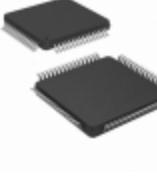
Specifications of EFM32G280F128G-E-QFP100R

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32G280F128G-E-QFP100R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                      |
| DESCRIPTION                      | 128K FLASH, 16K RAM, AES                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| DATA SHEET                       |  EFM32G280F128G-E-QFP100R.pdf |
| 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              | 128KB (128K x 8)                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                 |
| PACKAGE / CASE                   | 100-LQFP                                                                                                         |
| OTHER NAMES                      | 336-4248-2<br>EFM32G280F128G-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 128KB (128K 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

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32G280F128G-E-QFP100R | EFM32G280F128G-E-QFP100R Distributor        | EFM32G280F128G-E-QFP100R Supplier                        |
| EFM32G280F128G-E-QFP100R Price                       | EFM32G280F128G-E-QFP100R Pictures           | EFM32G280F128G-E-QFP100R Image                           |
| EFM32G280F128G-E-QFP100R PDF Datasheet               | EFM32G280F128G-E-QFP100R Download Datasheet | EFM32G280F128G-E-QFP100R Datasheet                       |
| EFM32G280F128G-E-QFP100R Stock                       | Buy EFM32G280F128G-E-QFP100R                | Buy Energy Micro (Silicon Labs) EFM32G280F128G-E-QFP100R |
| Energy Micro (Silicon Labs) EFM32G280F128G-E-QFP100R | Energy Micro (Silicon Labs) Supplier        | Energy Micro (Silicon Labs) Distributor                  |
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| Silicon Laboratories EFM32G280F128G-E-QFP100R        | Silicon Labs EFM32G280F128G-E-QFP100R       |                                                          |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
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|  <div><b>EFM32G280F32-QFP100T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>EFM32G232F64G-E-QFP64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, AES<br/>In stock: 20 pcs<br/>RFQ</div>           |
|  <div><b>EFM32G280F128-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EFM32G280F128-QFP100T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 18 pcs<br/>RFQ</div>  |
|  <div><b>EFM32G232F64-QFP64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>EFM32G280F64-QFP100T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EFM32G280F32G-E-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>         |  <div><b>EFM32G280F32G-E-QFP100R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>       |
|  <div><b>EFM32G280F32-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>EFM32G280F128G-E-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, AES<br/>In stock: 165 pcs<br/>RFQ</div>       |
|  <div><b>EFM32G232F64G-E-QFP64R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>        |  <div><b>EFM32G280F64-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |