



SILICON LABS

Energy Micro (Silicon Labs)



EFM32G840F128G-E-QFN64R

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32G840F128G-E-QFN64R                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                   |
| Product description | 128K FLASH, 16K RAM, 4X24 LCD, A                                                                              |
| Datasheets:         |  EFM32G840F128G-E-QFN64R.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 38646 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

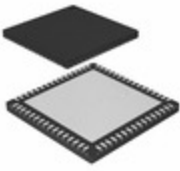
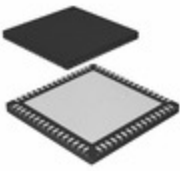
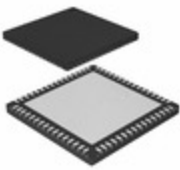
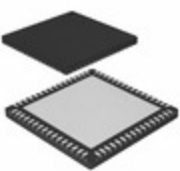
Specifications of EFM32G840F128G-E-QFN64R

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32G840F128G-E-QFN64R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                     |
| DESCRIPTION                      | 128K FLASH, 16K RAM, 4X24 LCD, A                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 38646 pcs                                                                                                       |
| DATA SHEET                       |  EFM32G840F128G-E-QFN64R.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.98 V ~ 3.8 V                                                                                                  |
| 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, LCD, POR, PWM, WDT                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                               |
| NUMBER OF I/O                    | 56                                                                                                              |
| 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 128KB (128K x 8) FLASH                                    |
| DATA CONVERTERS                  | A/D 8x12b, D/A 2x12b                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                 |
| CONNECTIVITY                     | I²C, IrDA, SmartCard, SPI, UART/USART                                                                           |

Related Tags

|                                                     |                                            |                                                         |
|-----------------------------------------------------|--------------------------------------------|---------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32G840F128G-E-QFN64R | EFM32G840F128G-E-QFN64R Distributor        | EFM32G840F128G-E-QFN64R Supplier                        |
| EFM32G840F128G-E-QFN64R Price                       | EFM32G840F128G-E-QFN64R Pictures           | EFM32G840F128G-E-QFN64R Image                           |
| EFM32G840F128G-E-QFN64R PDF Datasheet               | EFM32G840F128G-E-QFN64R Download Datasheet | EFM32G840F128G-E-QFN64R Datasheet                       |
| EFM32G840F128G-E-QFN64R Stock                       | Buy EFM32G840F128G-E-QFN64R                | Buy Energy Micro (Silicon Labs) EFM32G840F128G-E-QFN64R |
| Energy Micro (Silicon Labs) EFM32G840F128G-E-QFN64R | Energy Micro (Silicon Labs) Supplier       | Energy Micro (Silicon Labs) Distributor                 |
| Energy Micro (Silicon Labs) EFM32G840F128G-E-QFN64R | Energy Micro EFM32G840F128G-E-QFN64R       | Energy Micro (Silicon Labs) EFM32G840F128G-E-QFN64R     |
| Silicon Laboratories EFM32G840F128G-E-QFN64R        | Silicon Labs EFM32G840F128G-E-QFN64R       |                                                         |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFM32G840F32-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64QFN<br/>In stock: 43559 pcs<br/><b>RFQ</b></div>       |  <div><b>EFM32G840F32G-E-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, 4X24 LCD, AES<br/>In stock: 41152 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFM32G840F32G-E-QFN64R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, 4X24 LCD, AES<br/>In stock: 39530 pcs<br/><b>RFQ</b></div> |  <div><b>EFM32G840F128G-E-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, 4X24 LCD, A<br/>In stock: 35173 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFM32G840F32-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64QFN<br/>In stock: 48545 pcs<br/><b>RFQ</b></div>        |  <div><b>EFM32G840F128-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 34904 pcs<br/><b>RFQ</b></div>     |
|  <div><b>EFM32G840F128-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 34443 pcs<br/><b>RFQ</b></div>      |  <div><b>EFM32G800F128G-D-D1I</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH DIE<br/>In stock: 26816 pcs<br/><b>RFQ</b></div>       |
|  <div><b>EFM32G840F64-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 49544 pcs<br/><b>RFQ</b></div>        |  <div><b>EFM32G800F128G-E-D1I</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ACTUAL DIE QUANTITIES WILL VARY<br/>In stock: 28315 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EFM32G30F128G-E-QFN64R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 5305 pcs<br/><b>RFQ</b></div>    |  <div><b>EFM32G840F64-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 36185 pcs<br/><b>RFQ</b></div>       |