

EFM32LG842F64G-E-QFP64

|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>SILICON LABS</div></div>                                                                   | <div><div>SILICON LABS</div></div> <div><b>Part Number:</b> <a href="#">EFM32LG842F64G-E-QFP64</a></div> <div><b>Manufacturer:</b> <a href="#">Energy Micro (Silicon Labs)</a></div> <div><b>Description:</b> IC MCU 32BIT 64KB FLASH 64TQFP</div> <div><b>Data sheet:</b>  <a href="#">EFM32LG Ref Manual</a><br/> <a href="#">EFM32(LG) Errata</a><br/> <a href="#">EFM32(LG) Family Datasheet</a></div> | <div><b>RoHs Status:</b> Lead free / RoHS Compliant</div> <div><b>Ship From:</b> Hong Kong</div> <div><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</div> |
| <div>Images are for reference only.<br/>See Product Specifications for product details.<br/>Buy EFM32LG842F64G-E-QFP64 with confidence from Component-World.HK, 1 Year Warranty</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                        |
| <div>Request For Quotation</div>                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                        |

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                    |                                 |                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | EFM32LG842F64G-E-QFP64                                                                             | Manufacturer                    | <a href="#">Energy Micro (Silicon Labs)</a>                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 32BIT 64KB FLASH 64TQFP                                                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 31678 pcs                                                                                          | Data sheet                      | <a href="#">EFM32LG Ref Manual</a><br><a href="#">EFM32(LG) Errata</a><br><a href="#">EFM32(LG) Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                                          | Voltage - Supply (Vcc/Vdd)      | <a href="#">Datasheet</a><br>1.85 V ~ 3.8 V                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                     | 64-TQFP (10x10)                                                                                    | Speed                           | 48MHz                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | Leopard Gecko                                                                                      | RAM Size                        | 32K x 8                                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                                                                              | Program Memory Size             | 64KB (64K x 8)                                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                    | Packaging                       | Tray                                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 64-TQFP                                                                                            | Oscillator Type                 | Internal                                                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 85°C (TA)                                                                                  | Number of I/O                   | 53                                                                                                         |
| 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 Leopard Gecko Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 64-TQFP (10x10) | Data Converters                 | A/D 8x12b, D/A 2x12b                                                                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32-Bit                                                                                             | Core Processor                  | ARM® Cortex®-M3                                                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                | 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 31678 pieces of Energy Micro (Silicon Labs) EFM32LG842F64G-E-QFP64 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: info@Components-World.com |                                                                                                    |                                 |                                                                                                            |

| RELATED PRODUCTS                                                                                           |                                                                                                   |                                                            |                |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F128G-E-QFP64</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F128-QFP100T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F256-QFP100T</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F256G-E-QFP100</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F64-QFP64T</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F256-QFP64T</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F128-QFP64T</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F256G-E-QFP64R</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F128-QFP100</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F64-QFP100</a><br>Description: IC MCU 32BIT 64KB FLASH 100LQFP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F128G-E-QFP64R</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F256-QFP100</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F64G-E-QFP64R</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F128-QFP64</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F256G-E-QFP100R</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F128G-E-QFP100</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F256G-E-QFP64</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F256-QFP64</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG842F64-QFP64</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP         | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">EFM32LG880F128G-E-QFP100R</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

Related keywords for EFM32LG842F64G-E-QFP64

|                                                    |                                                    |                                     |                                                    |
|----------------------------------------------------|----------------------------------------------------|-------------------------------------|----------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32LG842F64G-E-QFP64 | EFM32LG842F64G-E-QFP64 distributor                 | EFM32LG842F64G-E-QFP64 supplier     | EFM32LG842F64G-E-QFP64 price                       |
|                                                    | EFM32LG842F64G-E-QFP64 download datasheet          | EFM32LG842F64G-E-QFP64 datasheet    | EFM32LG842F64G-E-QFP64 stock                       |
| buy EFM32LG842F64G-E-QFP64                         | Energy Micro (Silicon Labs) EFM32LG842F64G-E-QFP64 | Energy Micro EFM32LG842F64G-E-QFP64 | Energy Micro (Silicon Labs) EFM32LG842F64G-E-QFP64 |
|                                                    | Silicon Laboratories EFM32LG842F64G-E-QFP64        | Silicon Labs EFM32LG842F64G-E-QFP64 |                                                    |

