



Energy Micro (Silicon Labs)



EFM32LG380F256G-E-QFP100

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32LG380F256G-E-QFP100                                                                                     |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 100LQFP                                                                             |
|                     | <a href="#">1.EFM32LG380F256G-E-QFP100.pdf</a>                                                               |
|                     | <a href="#">2.EFM32LG380F256G-E-QFP100.pdf</a>                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

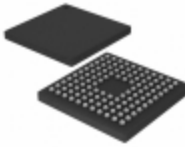
Specifications of EFM32LG380F256G-E-QFP100

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32LG380F256G-E-QFP100                                                                              |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100LQFP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       | <a href="#">1.EFM32LG380F256G-E-QFP100.pdf</a><br><a href="#">2.EFM32LG380F256G-E-QFP100.pdf</a>      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.85 V ~ 3.8 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                      |
| SPEED                            | 48MHz                                                                                                 |
| SERIES                           | Leopard Gecko                                                                                         |
| RAM SIZE                         | 32K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                            |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 100-LQFP                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 83                                                                                                    |
| 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 256KB (256K 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, USB                                                   |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32LG380F256G-E-QFP100 | EFM32LG380F256G-E-QFP100 Distributor        | EFM32LG380F256G-E-QFP100 Supplier                        |
| EFM32LG380F256G-E-QFP100 Price                       | EFM32LG380F256G-E-QFP100 Pictures           | EFM32LG380F256G-E-QFP100 Image                           |
| EFM32LG380F256G-E-QFP100 PDF Datasheet               | EFM32LG380F256G-E-QFP100 Download Datasheet | EFM32LG380F256G-E-QFP100 Datasheet                       |
| EFM32LG380F256G-E-QFP100 Stock                       | Buy EFM32LG380F256G-E-QFP100                | Buy Energy Micro (Silicon Labs) EFM32LG380F256G-E-QFP100 |
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| Silicon Laboratories EFM32LG380F256G-E-QFP100        | Silicon Labs EFM32LG380F256G-E-QFP100       |                                                          |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
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|  <div><b>EFM32LG380F256-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>EFM32LG380F128-QFP100T</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>EFM32LG390F128-BGA112</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>EFM32LG380F64G-E-QFP100R</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>EFM32LG380F64-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>EFM32LG380F64G-E-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 90 pcs<br/>RFQ</div>       |
|  <div><b>EFM32LG380F128G-E-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>EFM32LG380F64-QFP100</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>       |
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