



Energy Micro (Silicon Labs)

### EFM32LG842F128-QFP64T

Part Number:	EFM32LG842F128-QFP64T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 128KB FLASH 64TQFP
Datasheets:	<a href="#">EFM32LG842F128-QFP64T.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4145 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 EFM32LG842F128-QFP64T

PART NUMBER	EFM32LG842F128-QFP64T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4145 pcs
DATA SHEET	<a href="#">EFM32LG842F128-QFP64T.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	EFM32LG842F128-QFP64-T EFM32LG842F128-T EFM32LG842F128-T-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Leopard Gecko Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART

#### Related Tags

Energy Micro (Silicon Labs) EFM32LG842F128-QFP64T	EFM32LG842F128-QFP64T Distributor	EFM32LG842F128-QFP64T Supplier
EFM32LG842F128-QFP64T Price	EFM32LG842F128-QFP64T Pictures	EFM32LG842F128-QFP64T Image
EFM32LG842F128-QFP64T PDF Datasheet	EFM32LG842F128-QFP64T Download Datasheet	EFM32LG842F128-QFP64T Datasheet
EFM32LG842F128-QFP64T Stock	Buy EFM32LG842F128-QFP64T	Buy Energy Micro (Silicon Labs) EFM32LG842F128-QFP64T
Energy Micro (Silicon Labs) EFM32LG842F128-QFP64T	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32LG842F128-QFP64T	Energy Micro EFM32LG842F128-QFP64T	Energy Micro (Silicon Labs) EFM32LG842F128-QFP64T
Silicon Laboratories EFM32LG842F128-QFP64T	Silicon Labs EFM32LG842F128-QFP64T	

#### Related Products

<p><b>EFM32LG842F256G-E-QFP64R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 23693 pcs <a href="#">RFQ</a></p>	<p><b>EFM32LG840F256G-E-QFN64R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 23073 pcs <a href="#">RFQ</a></p>
<p><b>EFM32LG842F256G-E-QFP64</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 20296 pcs <a href="#">RFQ</a></p>	<p><b>EFM32LG842F128G-E-QFP64R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 35213 pcs <a href="#">RFQ</a></p>
<p><b>EFM32LG842F256-QFP64</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 6824 pcs <a href="#">RFQ</a></p>	<p><b>EFM32LG840F64G-E-QFN64R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 38749 pcs <a href="#">RFQ</a></p>
<p><b>EFM32LG840F64-QFN64T</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 4575 pcs <a href="#">RFQ</a></p>	<p><b>EFM32LG842F128-QFP64</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 4776 pcs <a href="#">RFQ</a></p>
<p><b>EFM32LG840F64-QFN64</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 3946 pcs <a href="#">RFQ</a></p>	<p><b>EFM32LG840F64G-E-QFN64</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 31303 pcs <a href="#">RFQ</a></p>
<p><b>EFM32LG842F256-QFP64T</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 4362 pcs <a href="#">RFQ</a></p>	<p><b>EFM32LG842F128G-E-QFP64</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 24913 pcs <a href="#">RFQ</a></p>