



Energy Micro (Silicon Labs)

### EFM32LG842F128G-E-QFP64

Part Number:	EFM32LG842F128G-E-QFP64
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 128KB FLASH 64TQFP
	<a href="#">1.EFM32LG842F128G-E-QFP64.pdf</a> <a href="#">2.EFM32LG842F128G-E-QFP64.pdf</a> <a href="#">3.EFM32LG842F128G-E-QFP64.pdf</a>
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	24913 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 EFM32LG842F128G-E-QFP64

PART NUMBER	EFM32LG842F128G-E-QFP64
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24913 pcs
DATA SHEET	<a href="#">1.EFM32LG842F128G-E-QFP64.pdf</a> <a href="#">2.EFM32LG842F128G-E-QFP64.pdf</a> <a href="#">3.EFM32LG842F128G-E-QFP64.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	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	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-4570 EFM32LG842F128G-E-QFP64-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 64-TQFP (10x10)
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) EFM32LG842F128G-E-QFP64	EFM32LG842F128G-E-QFP64 Distributor	EFM32LG842F128G-E-QFP64 Supplier
EFM32LG842F128G-E-QFP64 Price	EFM32LG842F128G-E-QFP64 Pictures	EFM32LG842F128G-E-QFP64 Image
EFM32LG842F128G-E-QFP64 PDF Datasheet	EFM32LG842F128G-E-QFP64 Download Datasheet	EFM32LG842F128G-E-QFP64 Datasheet
EFM32LG842F128G-E-QFP64 Stock	Buy EFM32LG842F128G-E-QFP64	Buy Energy Micro (Silicon Labs) EFM32LG842F128G-E-QFP64
Energy Micro (Silicon Labs) EFM32LG842F128G-E-QFP64	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32LG842F128G-E-QFP64	Energy Micro EFM32LG842F128G-E-QFP64	Energy Micro (Silicon Labs) EFM32LG842F128G-E-QFP64
Silicon Laboratories EFM32LG842F128G-E-QFP64	Silicon Labs EFM32LG842F128G-E-QFP64	

#### Related Products

<p><b>EFM32LG842F256G-E-QFP64R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 64TQFP                  In stock: 23693 pcs  <b>RFQ</b></p>	<p><b>EFM32LG842F128G-E-QFP64R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64TQFP                  In stock: 35213 pcs  <b>RFQ</b></p>
<p><b>EFM32LG842F64-QFP64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 64TQFP                  In stock: 5779 pcs  <b>RFQ</b></p>	<p><b>EFM32LG840F64-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 3946 pcs  <b>RFQ</b></p>
<p><b>EFM32LG842F256-QFP64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 64TQFP                  In stock: 6824 pcs  <b>RFQ</b></p>	<p><b>EFM32LG840F64G-E-QFN64R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 38749 pcs  <b>RFQ</b></p>
<p><b>EFM32LG842F256G-E-QFP64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 64TQFP                  In stock: 20296 pcs  <b>RFQ</b></p>	<p><b>EFM32LG842F128-QFP64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64TQFP                  In stock: 4145 pcs  <b>RFQ</b></p>
<p><b>EFM32LG840F64-QFN64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 4575 pcs  <b>RFQ</b></p>	<p><b>EFM32LG842F256-QFP64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 64TQFP                  In stock: 4362 pcs  <b>RFQ</b></p>
<p><b>EFM32LG840F64G-E-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 31303 pcs  <b>RFQ</b></p>	<p><b>EFM32LG842F128-QFP64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64TQFP                  In stock: 4776 pcs  <b>RFQ</b></p>