



Energy Micro (Silicon Labs)

### EFM32LG840F256G-E-QFN64R

Part Number:	EFM32LG840F256G-E-QFN64R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 256KB FLASH 64QFN
	<a href="#">PDF</a> 1.EFM32LG840F256G-E-QFN64R.pdf
	<a href="#">PDF</a> 2.EFM32LG840F256G-E-QFN64R.pdf
	<a href="#">PDF</a> 3.EFM32LG840F256G-E-QFN64R.pdf
	<a href="#">PDF</a> 4.EFM32LG840F256G-E-QFN64R.pdf
	<a href="#">PDF</a> 5.EFM32LG840F256G-E-QFN64R.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	23073 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of EFM32LG840F256G-E-QFN64R

PART NUMBER	EFM32LG840F256G-E-QFN64R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	23073 pcs
DATA SHEET	<a href="#">PDF</a> 1.EFM32LG840F256G-E-QFN64R.pdf <a href="#">PDF</a> 2.EFM32LG840F256G-E-QFN64R.pdf <a href="#">PDF</a> 3.EFM32LG840F256G-E-QFN64R.pdf <a href="#">PDF</a> 4.EFM32LG840F256G-E-QFN64R.pdf <a href="#">PDF</a> 5.EFM32LG840F256G-E-QFN64R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
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, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-VFQFN Exposed Pad
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 Leopard Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-QFN (9x9)
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) EFM32LG840F256G-E-QFN64R	EFM32LG840F256G-E-QFN64R Distributor	EFM32LG840F256G-E-QFN64R Supplier
EFM32LG840F256G-E-QFN64R Price	EFM32LG840F256G-E-QFN64R Pictures	EFM32LG840F256G-E-QFN64R Image
EFM32LG840F256G-E-QFN64R PDF Datasheet	EFM32LG840F256G-E-QFN64R Download Datasheet	EFM32LG840F256G-E-QFN64R Datasheet
EFM32LG840F256G-E-QFN64R Stock	Buy EFM32LG840F256G-E-QFN64R	Buy Energy Micro (Silicon Labs) EFM32LG840F256G-E-QFN64R
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#### Related Products

<p><b>EFM32LG840F256-QFN64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 64QFN                  In stock: 2805 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32LG840F128G-E-QFN64R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64QFN                  In stock: 29899 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32LG842F128-QFP64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64TQFP                  In stock: 4145 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>EFM32LG840F128G-E-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64QFN                  In stock: 25211 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>EFM32LG840F256-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 64QFN                  In stock: 6157 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32LG840F256G-E-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 64QFN                  In stock: 21945 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>EFM32LG840F128-QFN64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64QFN                  In stock: 6606 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>

