



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32G842F64-QFP64T

Part Number:	EFM32G842F64-QFP64T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 64KB FLASH 64TQFP
	1.EFM32G842F64-QFP64T.pdf
	2.EFM32G842F64-QFP64T.pdf
	3.EFM32G842F64-QFP64T.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	36819 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EFM32G842F64-QFP64T

PART NUMBER	EFM32G842F64-QFP64T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	36819 pcs
DATA SHEET	1.EFM32G842F64-QFP64T.pdf 2.EFM32G842F64-QFP64T.pdf 3.EFM32G842F64-QFP64T.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	32MHz
SERIES	Gecko
RAM SIZE	16K 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
OTHER NAMES	336-5485 EFM32G842F64-QFP64-T EFM32G842F64-QFP64T-ND EFM32G842F64-T EFM32G842F64-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 Gecko Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32G842F64-QFP64T	EFM32G842F64-QFP64T Distributor	EFM32G842F64-QFP64T Supplier
EFM32G842F64-QFP64T Price	EFM32G842F64-QFP64T Pictures	EFM32G842F64-QFP64T Image
EFM32G842F64-QFP64T PDF Datasheet	EFM32G842F64-QFP64T Download Datasheet	EFM32G842F64-QFP64T Datasheet
EFM32G842F64-QFP64T Stock	Buy EFM32G842F64-QFP64T	Buy Energy Micro (Silicon Labs) EFM32G842F64-QFP64T
Energy Micro (Silicon Labs) EFM32G842F64-QFP64T	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32G842F64-QFP64T	Energy Micro EFM32G842F64-QFP64T	Energy Micro (Silicon Labs) EFM32G842F64-QFP64T
Silicon Laboratories EFM32G842F64-QFP64T	Silicon Labs EFM32G842F64-QFP64T	

Related Products

 EFM32G880F128G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: 30861 pcs RFQ	 EFM32G842F64G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X22 LCD, AE In stock: 41091 pcs RFQ
 EFM32G842F128G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X22 LCD, A In stock: 30871 pcs RFQ	 EFM32G842F64G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X22 LCD, AE In stock: 38410 pcs RFQ
 EFM32G842F64-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 46474 pcs RFQ	 EFM32G880F128-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 36934 pcs RFQ
 EFM32G842F32-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64TQFP In stock: 41099 pcs RFQ	 EFM32G880F128G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: 28208 pcs RFQ
 EFM32G880F128-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 28359 pcs RFQ	 EFM32G842F32G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X22 LCD, AES In stock: 42398 pcs RFQ
 EFM32G842F32G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X22 LCD, AES In stock: 40515 pcs RFQ	 EFM32G842F32-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64TQFP In stock: 50197 pcs RFQ