



Energy Micro (Silicon Labs)



EFM32LG280F64G-E-QFP100R

Part Number:	EFM32LG280F64G-E-QFP100R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 64KB FLASH 100LQFP 1.EFM32LG280F64G-E-QFP100R.pdf 2.EFM32LG280F64G-E-QFP100R.pdf 3.EFM32LG280F64G-E-QFP100R.pdf 4.EFM32LG280F64G-E-QFP100R.pdf 5.EFM32LG280F64G-E-QFP100R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	29494 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

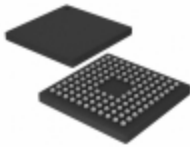
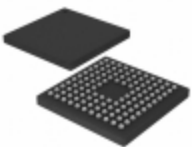
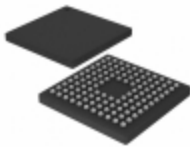
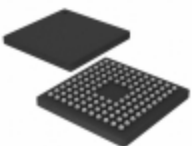
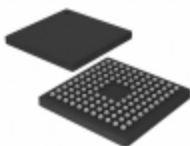
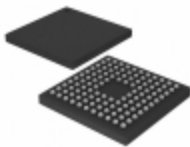
Specifications of EFM32LG280F64G-E-QFP100R

PART NUMBER	EFM32LG280F64G-E-QFP100R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 64KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	29494 pcs
DATA SHEET	1.EFM32LG280F64G-E-QFP100R.pdf 2.EFM32LG280F64G-E-QFP100R.pdf 3.EFM32LG280F64G-E-QFP100R.pdf 4.EFM32LG280F64G-E-QFP100R.pdf 5.EFM32LG280F64G-E-QFP100R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	100-LQFP (16x16)
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	86
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 64KB (64K x 8) FLASH 100-LQFP (16x16)
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

Related Tags

Energy Micro (Silicon Labs) EFM32LG280F64G-E-QFP100R	EFM32LG280F64G-E-QFP100R Distributor	EFM32LG280F64G-E-QFP100R Supplier
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EFM32LG280F64G-E-QFP100R PDF Datasheet	EFM32LG280F64G-E-QFP100R Download Datasheet	EFM32LG280F64G-E-QFP100R Datasheet
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Silicon Laboratories EFM32LG280F64G-E-QFP100R	Silicon Labs EFM32LG280F64G-E-QFP100R	

Related Products

 EFM32LG280F256G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 21132 pcs RFQ	 EFM32LG290F128-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: 7067 pcs RFQ
 EFM32LG290F256-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 112BGA In stock: 4558 pcs RFQ	 EFM32LG280F256G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 23303 pcs RFQ
 EFM32LG280F64-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 5654 pcs RFQ	 EFM32LG290F128-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: 6283 pcs RFQ
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