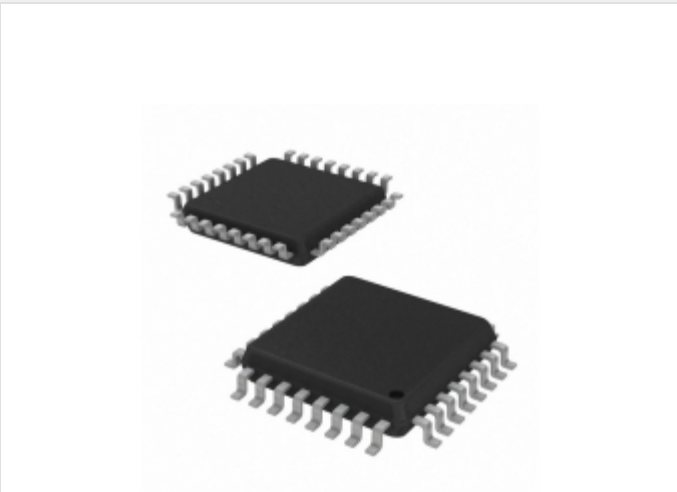


EFM8LB12F32E-A-QFP32R



**SILICON LABS**

Part Number: [EFM8LB12F32E-A-QFP32R](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 8BIT 32KB FLASH 32QFP

Data sheet:  [EFM8LB1 Datasheet Rev A](#)

RoHs Status: Lead free / RoHS Compliant

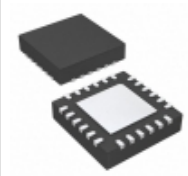
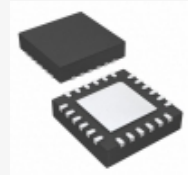
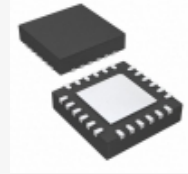
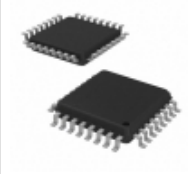
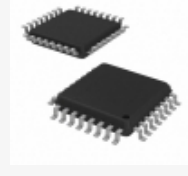
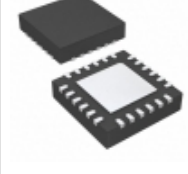
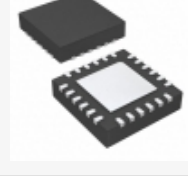
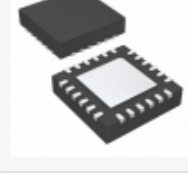
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	EFM8LB12F32E-A-QFP32R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 32QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5444 pcs	Data sheet	EFM8LB1 Datasheet Rev A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Supplier Device Package	32-QFP (7x7)	Speed	72MHz
Series	Laser Bee	RAM Size	2.25K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	28
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	CIP-51 8051 Laser Bee Microcontroller IC 8-Bit 72MHz 32KB (32K x 8) FLASH 32-QFP (7x7)
Data Converters	A/D 20x14b, D/A 4x12b	Core Size	8-Bit
Core Processor	CIP-51 8051	Connectivity	I ² C, SMBus, SPI, UART/USART
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	Part#: EFM8LB12F32E-A-QSOP24 Description: IC MCU 8BIT 32KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB11F32E-B-QSOP24R Description: IC MCU 8BIT 32KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F32E-A-QSOP24R Description: IC MCU 8BIT 32KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM8LB11F32ES0-B-QFN32 Description: IC MCU 8BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F32E-B-QSOP24R Description: IC MCU 8BIT 32KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM8LB12F32E-A-QFP32 Description: IC MCU 8BIT 32KB FLASH 32QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM8LB12F32E-B-QFP32 Description: IC MCU 8BIT 32KB FLASH 32QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB11F32ES0-B-QFN24 Description: IC MCU 8BIT 32KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB11F32ES0-B-QFN32R Description: IC MCU 8BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM8LB12F32E-A-QFN32 Description: IC MCU 8BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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