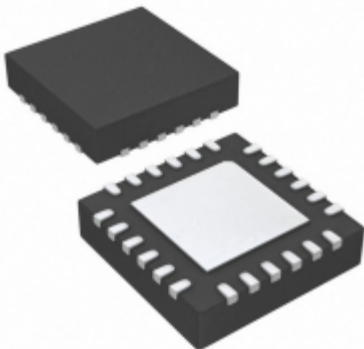


EFM8LB12F64E-A-QFN24R



**SILICON LABS**

Part Number: [EFM8LB12F64E-A-QFN24R](#)

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

Description: IC MCU 8BIT 64KB FLASH 24QFN

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

RoHS Status: Lead free / RoHS Compliant

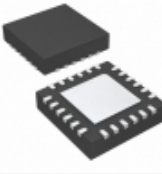
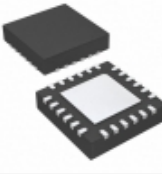
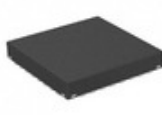
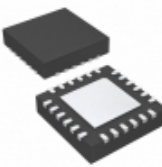
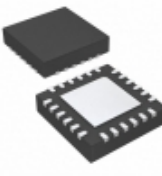
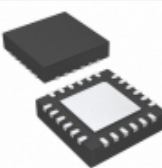
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EFM8LB12F64E-A-QFN24R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 64KB FLASH 24QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4323 pcs	Data sheet	EFM8LB1 Datasheet Rev A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Supplier Device Package	24-QFN (3x3)	Speed	72MHz
Series	Laser Bee	RAM Size	4.25K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	24-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	20
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	CIP-51 8051 Laser Bee Microcontroller IC 8-Bit 72MHz 64KB (64K x 8) FLASH 24-QFN (3x3)
Data Converters	A/D 12x14b, D/A 4x12b	Core Size	8-Bit
Core Processor	CIP-51 8051	Connectivity	I²C, SMBus, SPI, UART/USART
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	Part#: EFM8LB12F64E-A-QSOP24R Description: IC MCU 8BIT 64KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F64E-A-QSOP24 Description: IC MCU 8BIT 64KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F64E-A-QFP32R Description: IC MCU 8BIT 64KB FLASH 32QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F64E-B-QFN24R Description: IC MCU 8BIT 64KB FLASH 24QFN	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#: EFM8LB12F32E-B-QSOP24 Description: IC MCU 8BIT 32KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F64E-B-QFN32 Description: IC MCU 8BIT 64KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F64E-A-QFP32 Description: IC MCU 8BIT 64KB FLASH 32QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F32E-B-QSOP24R Description: IC MCU 8BIT 32KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F64E-A-QFN32R Description: IC MCU 8BIT 64KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM8LB12F32ES0-B-QFN24 Description: IC MCU 8BIT 32KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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