

EFM8LB12F32E-A-QSOP24R



**SILICON LABS**

Part Number: [EFM8LB12F32E-A-QSOP24R](#)

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

Description: IC MCU 8BIT 32KB FLASH 24QSOP

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

RoHs Status: Lead free / RoHS Compliant

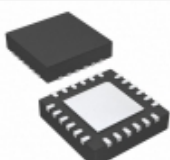
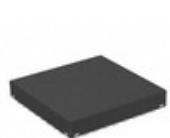
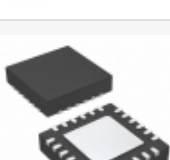
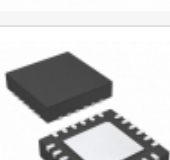
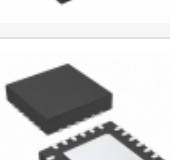
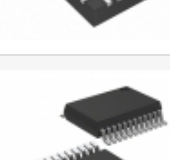
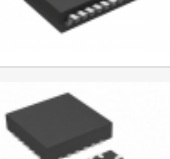
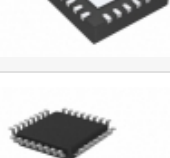
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EFM8LB12F32E-A-QSOP24R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 24QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4924 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-QSOP	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	24-SSOP (0.154", 3.90mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	21
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 24-QSOP
Data Converters	A/D 13x14b, D/A 4x12b	Core Size	8-Bit
Core Processor	CIP-51 8051	Connectivity	PC, SMBus, SPI, UART/USART
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