

EFM8BB10F8I-A-SOIC16



**SILICON LABS**

Part Number: [EFM8BB10F8I-A-SOIC16](#)

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

Description: IC MCU 8BIT 8KB FLASH 16SOIC

Data sheet:  [EFM8BB1 Reference Manual](#)
 [EFM8BB1 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

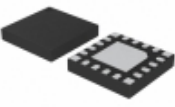
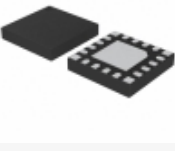
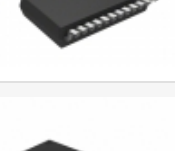
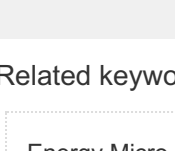
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PRODUCT PARAMETER			
Part Number	EFM8BB10F8I-A-SOIC16	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	103123 pcs	Data sheet	EFM8BB1 Reference Manual EFM8BB1 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Supplier Device Package	16-SOIC	Speed	25MHz
Series	Busy Bee	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	336-3639-5
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	13	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	CIP-51 8051 Busy Bee Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 16-SOIC
Data Converters	A/D 12x12b	Core Size	8-Bit
Core Processor	CIP-51 8051	Connectivity	I ² C, SMBus, SPI, UART/USART
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	Part#: EFM8BB10F8G-A-QSOP24 Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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