



SILICON LABS

Energy Micro (Silicon Labs)



EFM8BB31F16I-B-QFP32R

Part Number:	EFM8BB31F16I-B-QFP32R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 16KB FLASH 32QFP
Datasheets:	 EFM8BB31F16I-B-QFP32R.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	83957 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

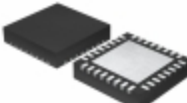
Specifications of EFM8BB31F16I-B-QFP32R

PART NUMBER	EFM8BB31F16I-B-QFP32R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 32QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	83957 pcs
DATA SHEET	 EFM8BB31F16I-B-QFP32R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFP (7x7)
SPEED	50MHz
SERIES	Busy Bee
RAM SIZE	2.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K 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 ~ 125°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 Busy Bee Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 32-QFP (7x7)
DATA CONVERTERS	A/D 20x12b, D/A 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	CIP-51 8051
CONNECTIVITY	I ² C, SMBus, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM8BB31F16I-B-QFP32R	EFM8BB31F16I-B-QFP32R Distributor	EFM8BB31F16I-B-QFP32R Supplier
EFM8BB31F16I-B-QFP32R Price	EFM8BB31F16I-B-QFP32R Pictures	EFM8BB31F16I-B-QFP32R Image
EFM8BB31F16I-B-QFP32R PDF Datasheet	EFM8BB31F16I-B-QFP32R Download Datasheet	EFM8BB31F16I-B-QFP32R Datasheet
EFM8BB31F16I-B-QFP32R Stock	Buy EFM8BB31F16I-B-QFP32R	Buy Energy Micro (Silicon Labs) EFM8BB31F16I-B-QFP32R
Energy Micro (Silicon Labs) EFM8BB31F16I-B-QFP32R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM8BB31F16I-B-QFP32R	Energy Micro EFM8BB31F16I-B-QFP32R	Energy Micro (Silicon Labs) EFM8BB31F16I-B-QFP32R
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Related Products

 EFM8BB31F16I-B-QSOP24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 76635 pcs RFQ	 EFM8BB31F16I-B-QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 86316 pcs RFQ
 EFM8BB31F32A-B-5QFN32 Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: 68051 pcs RFQ	 EFM8BB31F32A-B-4QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: 73182 pcs RFQ
 EFM8BB31F16I-B-QSOP24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 82910 pcs RFQ	 EFM8BB31F32A-B-5QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: 66469 pcs RFQ
 EFM8BB31F16I-B-QFN24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 107698 pcs RFQ	 EFM8BB31F16I-B-QFN32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 84381 pcs RFQ
 EFM8BB31F16I-B-QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 103766 pcs RFQ	 EFM8BB31F32A-B-4QFN24R Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: 69434 pcs RFQ
 EFM8BB31F16I-B-QFP32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 67736 pcs RFQ	 EFM8BB31F16I-B-5QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL In stock: 96804 pcs RFQ