



Energy Micro (Silicon Labs)



EFM8BB31F16G-B-QFN24R

Part Number:	EFM8BB31F16G-B-QFN24R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 16KB FLASH 24QFN
Datasheets:	 EFM8BB31F16G-B-QFN24R.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	139295 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

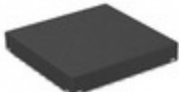
Specifications of EFM8BB31F16G-B-QFN24R

PART NUMBER	EFM8BB31F16G-B-QFN24R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 24QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	139295 pcs
DATA SHEET	 EFM8BB31F16G-B-QFN24R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	24-QFN (3x3)
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	24-VFQFN Exposed Pad
OTHER NAMES	336-4848-2 EFM8BB31F16G-B-QFN24R-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	20
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 24-QFN (3x3)
DATA CONVERTERS	A/D 12x12b, 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) EFM8BB31F16G-B-QFN24R	EFM8BB31F16G-B-QFN24R Distributor	EFM8BB31F16G-B-QFN24R Supplier
EFM8BB31F16G-B-QFN24R Price	EFM8BB31F16G-B-QFN24R Pictures	EFM8BB31F16G-B-QFN24R Image
EFM8BB31F16G-B-QFN24R PDF Datasheet	EFM8BB31F16G-B-QFN24R Download Datasheet	EFM8BB31F16G-B-QFN24R Datasheet
EFM8BB31F16G-B-QFN24R Stock	Buy EFM8BB31F16G-B-QFN24R	Buy Energy Micro (Silicon Labs) EFM8BB31F16G-B-QFN24R
Energy Micro (Silicon Labs) EFM8BB31F16G-B-QFN24R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM8BB31F16G-B-QFN24R	Energy Micro EFM8BB31F16G-B-QFN24R	Energy Micro (Silicon Labs) EFM8BB31F16G-B-QFN24R
Silicon Laboratories EFM8BB31F16G-B-QFN24R	Silicon Labs EFM8BB31F16G-B-QFN24R	

Related Products

 EFM8BB31F16G-B-QFN32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 103136 pcs RFQ	 EFM8BB31F16G-A-QFP32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 110232 pcs RFQ
 EFM8BB31F16G-B-QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 127119 pcs RFQ	 EFM8BB31F16G-B-QSOP24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 153067 pcs RFQ
 EFM8BB31F16G-B-QFP32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 70321 pcs RFQ	 EFM8BB31F16G-B-QSOP24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 97059 pcs RFQ
 EFM8BB31F16G-A-QSOP24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 131377 pcs RFQ	 EFM8BB31F16G-A-QSOP24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 125545 pcs RFQ
 EFM8BB31F16G-B-QFP32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 98179 pcs RFQ	 EFM8BB31F16G-A-QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 134346 pcs RFQ
 EFM8BB31F16G-A-QFP32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 109694 pcs RFQ	 EFM8BB31F16G-B-QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 101512 pcs RFQ