



Energy Micro (Silicon Labs)

EFM8BB31F32G-B-QFN32R

Part Number:	EFM8BB31F32G-B-QFN32R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 32KB FLASH 32QFN
Datasheets:	EFM8BB31F32G-B-QFN32R.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of EFM8BB31F32G-B-QFN32R

PART NUMBER	EFM8BB31F32G-B-QFN32R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	EFM8BB31F32G-B-QFN32R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFN (4x4)
SPEED	50MHz
SERIES	Busy 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	32-UQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	29
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 50MHz 32KB (32K x 8) FLASH 32-QFN (4x4)
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) EFM8BB31F32G-B-QFN32R	EFM8BB31F32G-B-QFN32R Distributor	EFM8BB31F32G-B-QFN32R Supplier
EFM8BB31F32G-B-QFN32R Price	EFM8BB31F32G-B-QFN32R Pictures	EFM8BB31F32G-B-QFN32R Image
EFM8BB31F32G-B-QFN32R PDF Datasheet	EFM8BB31F32G-B-QFN32R Download Datasheet	EFM8BB31F32G-B-QFN32R Datasheet
EFM8BB31F32G-B-QFN32R Stock	Buy EFM8BB31F32G-B-QFN32R	Buy Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN32R
Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN32R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN32R	Energy Micro EFM8BB31F32G-B-QFN32R	Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN32R
Silicon Laboratories EFM8BB31F32G-B-QFN32R	Silicon Labs EFM8BB31F32G-B-QFN32R	

Related Products

<p>EFM8BB31F32I-B-QFN24R Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL In stock: Out stock</p> <p>RFQ</p>	<p>EFM8BB31F32G-A-QSOP24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QSOP In stock: Out stock</p> <p>RFQ</p>
<p>EFM8BB31F32G-A-QSOP24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QSOP In stock: Out stock</p> <p>RFQ</p>	<p>EFM8BB31F32G-B-QFP32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFP In stock: 260 pcs</p> <p>RFQ</p>
<p>EFM8BB31F32G-B-QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QFN In stock: 162 pcs</p> <p>RFQ</p>	<p>EFM8BB31F32G-B-QFP32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFP In stock: Out stock</p> <p>RFQ</p>
<p>EFM8BB31F32G-B-QSOP24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QSOP In stock: Out stock</p> <p>RFQ</p>	<p>EFM8BB31F32I-B-QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL In stock: Out stock</p> <p>RFQ</p>
<p>EFM8BB31F32G-B-QFN32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: 333 pcs</p> <p>RFQ</p>	<p>EFM8BB31F32G-A-QFP32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFP In stock: Out stock</p> <p>RFQ</p>
<p>EFM8BB31F32G-B-QSOP24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QSOP In stock: Out stock</p> <p>RFQ</p>	<p>EFM8BB31F32G-B-QFN24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QFN In stock: Out stock</p> <p>RFQ</p>