

EFM8BB31F16G-A-QSOP24



Energy Micro (Silicon Labs)

IC MCU 8BIT 16KB FLASH 24QSOP
Lead free / RoHS Compliant
Integrated Circuits (ICs)

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See Product Specifications for product details.

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Specifications

Voltage - Supply (Vcc/Vdd):	2.2 V ~ 3.6 V
Supplier Device Package:	24-QSOP
Speed:	50MHz
Series:	Automotive, AEC-Q100, 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:	Tube
Package / Case:	24-LSSOP (0.154", 3.90mm Width)
Oscillator Type:	Internal
Operating Temperature:	-40°C ~ 85°C (TA)
Number of I/O:	21
EEPROM Size:	-
Data Converters:	A/D 13x12b, D/A 2x12b
Core Size:	8-Bit
Core Processor:	CIP-51 8051
Connectivity:	I ² C, SMBus, SPI, UART/USART

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IC MCU 8BIT 16KB FLASH 32QFP

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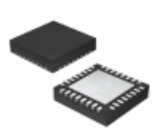


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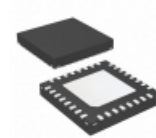


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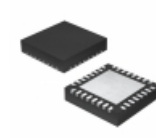


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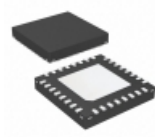


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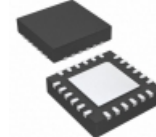


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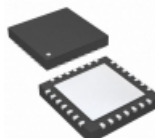
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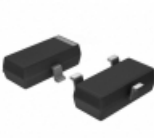


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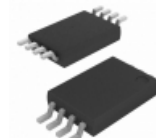


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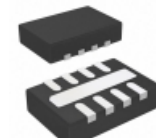


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