

C8051F831-GSR



**SILICON LABS**

Part Number: [C8051F831-GSR](#)

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

Description: IC MCU 8BIT 4KB FLASH 16SOIC

Data sheet:  [C8051F80x-83x](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F831-GSR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 4KB FLASH 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77610 pcs	Data sheet	C8051F80x-83x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	16-SOIC	Speed	25MHz
Series	C8051F83x	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	4KB (4K x 8)
Peripherals	Cap Sense, POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	13
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051F83x Microcontroller IC 8-Bit 25MHz 4KB (4K x 8) FLASH 16-SOIC
Data Converters	A/D 12x10b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART
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