

C8051F38A-B-GQR



**SILICON LABS**

Part Number: [C8051F38A-B-GQR](#)

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

Description: IC MCU 8BIT 32KB FLASH 48TQFP

Data sheet:  [C8051F388, 9, A, B](#)

RoHs Status: Lead free / RoHS Compliant

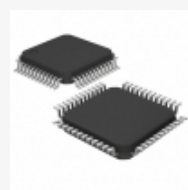
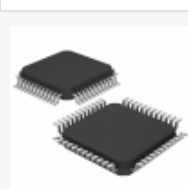
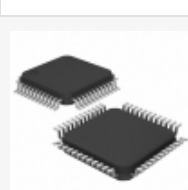
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PRODUCT PARAMETER			
Part Number	C8051F38A-B-GQR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	59561 pcs	Data sheet	C8051F388, 9, A, B
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.25 V
Supplier Device Package	48-TQFP (7x7)	Speed	48 MIPS
Series	C8051F38x	RAM Size	2.25K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	40
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	8051 C8051F38x Microcontroller IC 8-Bit 48 MIPS 32KB (32K x 8) FLASH 48-TQFP (7x7)	Data Converters	A/D 32x10b
Core Size	8-Bit	Core Processor	8051
Connectivity	EBI/EMI, I ² C, SPI, UART/USART		
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	Part#: C8051F389-GQR Description: IC MCU 8BIT 64KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F38B-GM Description: IC MCU 8BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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