

C8051F38A-GQ



**SILICON LABS**

Part Number: [C8051F38A-GQ](#)

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

Description: IC MCU 8BIT 32KB FLASH 48TQFP

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

RoHs Status: Lead free / RoHS Compliant

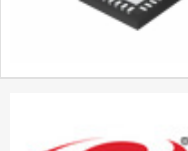
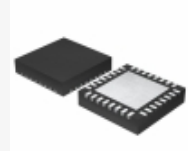
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PRODUCT PARAMETER			
Part Number	C8051F38A-GQ	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	49353 pcs	Data sheet	C8051F388/9/A/B Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.25 V
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	Tube	Package / Case	48-TQFP
Other Names	336-2590 C8051F38A-GQ-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	40
Moisture Sensitivity Level (MSL)	3 (168 Hours)	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
Data Converters	A/D 32x10b	Core Size	8-Bit
Core Processor	8051	Connectivity	EBI/EMI, I ² C, SPI, UART/USART
Base Part Number	C8051F38		
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	Part#: C8051F389-B-GQ Description: IC MCU 8BIT 64KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F38A-B-GQ Description: IC MCU 8BIT 32KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F389-B-GM Description: IC MCU 8BIT 64KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F38B-GMR Description: IC MCU 8BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F38A-GQR Description: IC MCU 8BIT 32KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F389-GQ Description: IC MCU 8BIT 64KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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