

C8051F206



**SILICON LABS**

Part Number: [C8051F206](#)

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

Description: IC MCU 8BIT 8KB FLASH 48QFP

Data sheet:  [C8051F2xx](#)

RoHS Status: Contains lead / RoHS non-compliant

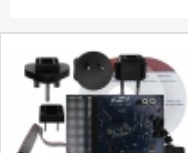
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PRODUCT PARAMETER			
Part Number	C8051F206	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 48QFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5749 pcs	Data sheet	C8051F2xx
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	48-QFP (7x7)	Speed	25MHz
Series	C8051F2xx	RAM Size	1.25K x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, POR, WDT	Packaging	Tray
Package / Case	48-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	32
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	-	Detailed Description	8051 C8051F2xx Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 48-QFP (7x7)
Data Converters	A/D 32x12b	Core Size	8-Bit
Core Processor	8051	Connectivity	SPI, UART/USART
Base Part Number	C8051F2		
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	Part#: C8051F133 Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F206-GQ Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F206DK-E Description: DEV KIT FOR C8051F206	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F206-GQR Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F131 Description: IC MCU 8BIT 128KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F133-GQR Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F132-GQR Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F206DK-K Description: DEV KIT FOR C8051F206	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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