

C8051F310



SILICON LABS



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Part Number: C8051F310

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 16KB FLASH 32LQFP

Data sheet:  C8051F310-17

RoHs Status: Contains lead / RoHS non-compliant

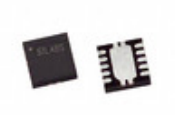
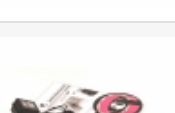
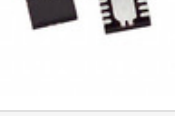
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F310	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB FLASH 32LQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4487 pcs	Data sheet	C8051F310-17
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	32-LQFP (7x7)	Speed	25MHz
Series	C8051F31x	RAM Size	1.25K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	32-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	29
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	-	Detailed Description	8051 C8051F31x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)
Data Converters	A/D 21x10b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART
Base Part Number	C8051F31		
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	Part#: C8051F305R Description: IC MCU 8BIT 2KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F304R Description: IC MCU 8BIT 4KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F310DK-J Description: DEV KIT FOR C8051F310/F311	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F305-GMR Description: IC MCU 8BIT 2KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F310DK-E Description: DEV KIT FOR C8051F310/F311	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F310DK-B Description: DEV KIT FOR C8051F310/F311	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F305-GSR Description: IC MCU 8BIT 2KB FLASH 14SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F304-GS Description: IC MCU 8BIT 4KB FLASH 14SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F304-GMR Description: IC MCU 8BIT 4KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F310-GQR Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F310-GQ Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F310DK Description: DEV KIT FOR C8051F310/F311	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F305-GS Description: IC MCU 8BIT 2KB FLASH 14SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F304-GSR Description: IC MCU 8BIT 4KB FLASH 14SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F305 Description: IC MCU 8BIT 2KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F310DK-H Description: DEV KIT FOR C8051F310/F311	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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