

C8051F236-GQR



**SILICON LABS**

Part Number: [C8051F236-GQR](#)

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

Description IC MCU 8BIT 8KB FLASH 48QFP

Data sheet:  [C8051F2xx](#)

RoHs Status: Lead free / RoHS Compliant

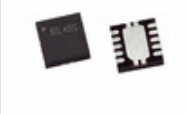
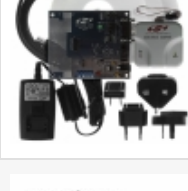
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PRODUCT PARAMETER			
Part Number	C8051F236-GQR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 48QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29913 pcs	Data sheet	C8051F2xx
Category	Integrated 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	Tape & Reel (TR)
Package / Case	48-TQFP	Other Names	336-4138-2 C8051F236-GQR-ND
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	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	8051 C8051F2xx Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 48-QFP (7x7)	Data Converters	-
Core Size	8-Bit	Core Processor	8051
Connectivity	SPI, UART/USART	Base Part Number	C8051F2
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	Part#: C8051F300DK Description: DEV KIT F300/301/302/303/304/305	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F300-GMR Description: IC MCU 8BIT 8KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F300-GS Description: IC MCU 8BIT 8KB FLASH 14SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F300-GM Description: IC MCU 8BIT 8KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F230-GQR Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F300DK-A Description: DEV KIT FOR F300/301/302/304/305	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F236R Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F300 Description: IC MCU 8BIT 8KB FLASH 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F236 Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F230R Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F236-GQ Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F231-GQ Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F300-GSR Description: IC MCU 8BIT 8KB FLASH 14SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F230 Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F231 Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F231-GQR Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F300-GDI Description: IC MCU 8BIT 8KB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F230-GQ Description: IC MCU 8BIT 8KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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