

C8051F931-GMR



**SILICON LABS**

Part Number: [C8051F931-GMR](#)

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

Description: IC MCU 8BIT 64KB FLASH 24QFN

Data sheet:  [C8051F93x/92x](#)

RoHs Status: Lead free / RoHS Compliant

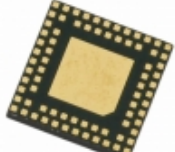
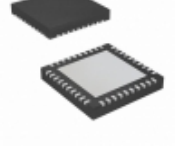
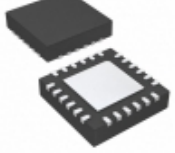
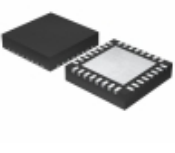
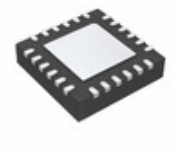
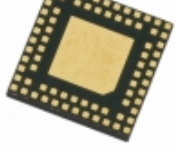
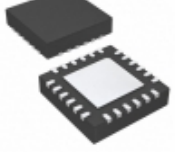
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	C8051F931-GMR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 64KB FLASH 24QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5146 pcs	Data sheet	C8051F93x/92x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	0.9 V ~ 3.6 V
Supplier Device Package	24-QFN (4x4)	Speed	25MHz
Series	C8051F9xx	RAM Size	4.25K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	24-WQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	16
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 24-QFN (4x4)
Data Converters	A/D 15x10b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART
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RELATED PRODUCTS			
	Part#: C8051F930-TB-K Description: BOARD TARGET/PROTO W/C8051F930	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F960-B-GM Description: IC MCU 8BIT 128KB FLASH 76DQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F960-A-GQ Description: IC MCU 8BIT 128KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F960-A-GM Description: IC MCU 8BIT 128KB FLASH 76DQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F930-GQ Description: IC MCU 8BIT 64KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F930-GQR Description: IC MCU 8BIT 64KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F960-B-GQ Description: IC MCU 8BIT 128KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F961-A-GM Description: IC MCU 8BIT 128KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F931-G-GMR Description: IC MCU 8BIT 64KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F930-GMR Description: IC MCU 8BIT 64KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F931-GM Description: IC MCU 8BIT 64KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F931-F-GMR Description: IC MCU 8BIT 64KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F930DK Description: KIT DEV C8051F920,F921,F930,F931	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F960-B-GMR Description: IC MCU 8BIT 128KB FLASH 76DQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F931-G-GM Description: IC MCU 8BIT 64KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F960-A-GMR Description: IC MCU 8BIT 128KB FLASH 76DQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F960-A-GQR Description: IC MCU 8BIT 128KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F960-A-DK Description: KIT DEVELOPMENT C8051F96X	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F931-F-GM Description: IC MCU 8BIT 64KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

Related keywords for C8051F931-GMR			
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