

C8051F912-GMR



**SILICON LABS**

Part Number: [C8051F912-GMR](#)

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

Description: IC MCU 8BIT 16KB FLASH 24QFN

Data sheet:  [C8051F91x-90x](#)

RoHs Status: Lead free / RoHS Compliant

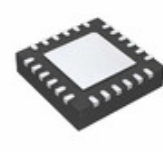
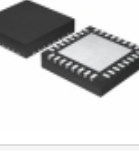
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PRODUCT PARAMETER			
Part Number	C8051F912-GMR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB FLASH 24QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5934 pcs	Data sheet	C8051F91x-90x
Category	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	768 x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	24-WFQFN 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 16KB (16K x 8) FLASH 24-QFN (4x4)
Data Converters	A/D 15x10/12b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART
Base Part Number	C8051F91		
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	Part#: C8051F920-F-GQR Description: IC MCU 8BIT 32KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F912-D-GU Description: IC MCU 8BIT 16KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F911-GMR Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F912-D-GM Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F912-D-GUR Description: IC MCU 8BIT 16KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F912-D-GMR Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F912-GU Description: IC MCU 8BIT 16KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F911-GU Description: IC MCU 8BIT 16KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F920-G-GMR Description: IC MCU 8BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F912-GM Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F911-GUR Description: IC MCU 8BIT 16KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F920-F-GM Description: IC MCU 8BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F912DK Description: KIT DEV FOR C8051F91X/C8051F90X	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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