

C8051F312-GQR



SILICON LABS



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Part Number: C8051F312-GQR

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB FLASH 32LQFP

Data sheet:  C8051F310-17

RoHs Status: Lead free / RoHS Compliant

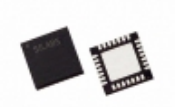
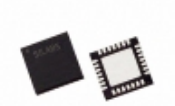
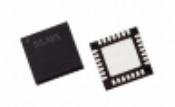
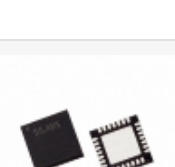
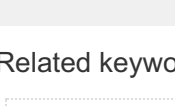
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F312-GQR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25199 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	8KB (8K x 8)
Peripherals	POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
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	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051F31x Microcontroller IC 8-Bit 25MHz 8KB (8K 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#: C8051F315-GMR Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F313-GM Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F314-GQ Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F311R Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F311 Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F310DK-U Description: DEV KIT FOR C8051F310/F311	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F315-GM Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F312 Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F316-GM Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F313 Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F312-GQ Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F310R Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F315 Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F314 Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F311-GM Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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