

C8051F412-GQ



SILICON LABS



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Part Number: [C8051F412-GQ](#)

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

Description: IC MCU 8BIT 16KB FLASH 32LQFP

Data sheet:  [C8051F410-13](#)
 [C8051F41x Errata](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

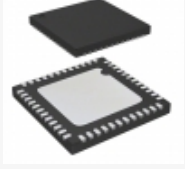
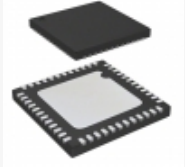
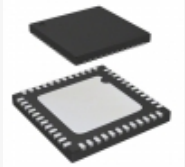
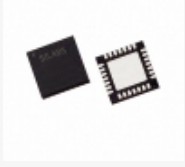
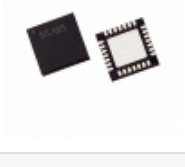
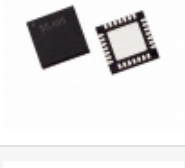
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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F412-GQ	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18833 pcs	Data sheet	C8051F410-13 C8051F41x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.25 V
Supplier Device Package	32-LQFP (7x7)	Speed	50MHz
Series	C8051F41x	RAM Size	2.25K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	32-LQFP	Other Names	336-1310 C8051F412GQ
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	24	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051F41x Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)
Data Converters	A/D 24x12b, D/A 2x12b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART
Base Part Number	C8051F41		

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	Part#: C8051F500-IM Description: IC MCU 8BIT 64KB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F412-GQR Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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