

**SILICON LABS**

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

Part Number:	C8051F412-GQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 16KB FLASH 32LQFP
	 1.C8051F412-GQ.pdf
	 2.C8051F412-GQ.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14953 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

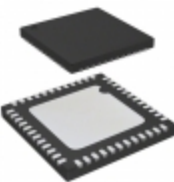
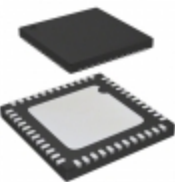
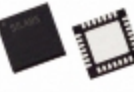
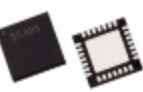
Specifications of C8051F412-GQ

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	14953 pcs
DATA SHEET	 1.C8051F412-GQ.pdf  2.C8051F412-GQ.pdf
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)
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/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F41

Related Tags

Energy Micro (Silicon Labs) C8051F412-GQ	C8051F412-GQ Distributor	C8051F412-GQ Supplier
C8051F412-GQ Price	C8051F412-GQ Pictures	C8051F412-GQ Image
C8051F412-GQ PDF Datasheet	C8051F412-GQ Download Datasheet	C8051F412-GQ Datasheet
C8051F412-GQ Stock	Buy C8051F412-GQ	Buy Energy Micro (Silicon Labs) C8051F412-GQ
Energy Micro (Silicon Labs) C8051F412-GQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F412-GQ	Energy Micro C8051F412-GQ	Energy Micro (Silicon Labs) C8051F412-GQ
Silicon Laboratories C8051F412-GQ	Silicon Labs C8051F412-GQ	

Related Products

 C8051F500-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 17185 pcs RFQ	 C8051F500-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 12133 pcs RFQ
 C8051F411EK Manufacturers: Energy Micro (Silicon Labs) Description: KIT EVAL FOR C8051F411 In stock: 3802 pcs RFQ	 C8051F413-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: 21098 pcs RFQ
 C8051F411-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFN In stock: 16917 pcs RFQ	 C8051F410-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPING W/C8051F410 In stock: 1883 pcs RFQ
 C8051F413-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: 21226 pcs RFQ	 C8051F410-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 13497 pcs RFQ
 C8051F410DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV FOR C8051F41X In stock: 1100 pcs RFQ	 C8051F411-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 28QFN In stock: 17183 pcs RFQ
 C8051F412-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 13937 pcs RFQ	 C8051F500-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 12250 pcs RFQ