



Energy Micro (Silicon Labs)

**C8051F912-GM**

Part Number: C8051F912-GM

Manufacturer/Brand: Energy Micro (Silicon Labs)

Product description: IC MCU 8BIT 16KB FLASH 24QFN

Datasheets: [C8051F912-GM.pdf](#)RoHS Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

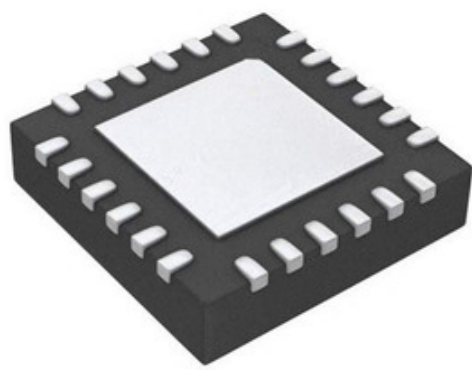

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Image may be representation. See specifications for product details.

## Specifications of C8051F912-GM

PART NUMBER	C8051F912-GM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 24QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">C8051F912-GM.pdf</a>
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	Tube
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 <sup>2</sup> C), SPI, UART/USART
BASE PART NUMBER	C8051F91

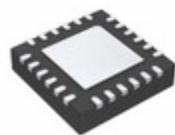
## Related Tags

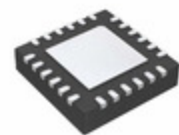
Energy Micro (Silicon Labs) C8051F912-GM	C8051F912-GM Distributor	C8051F912-GM Supplier
C8051F912-GM Price	C8051F912-GM Pictures	C8051F912-GM Image
C8051F912-GM PDF Datasheet	C8051F912-GM Download Datasheet	C8051F912-GM Datasheet
C8051F912-GM Stock	Buy C8051F912-GM	Buy Energy Micro (Silicon Labs) C8051F912-GM
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Silicon Laboratories C8051F912-GM	Silicon Labs C8051F912-GM	

## Related Products

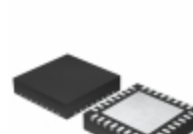
**C8051F912-D-GDI**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH DIE  
 In stock: Out stock

[RFQ](#)
**C8051F912-GUR**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH 24QSOP  
 In stock: Out stock

[RFQ](#)
**C8051F912-GMR**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH 24QFN  
 In stock: Out stock

[RFQ](#)
**C8051F912-D-GMR**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH 24QFN  
 In stock: Out stock

[RFQ](#)
**C8051F912-GU**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH 24QSOP  
 In stock: Out stock

[RFQ](#)
**C8051F920-F-GM**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 32KB FLASH 32QFN  
 In stock: Out stock

[RFQ](#)
**C8051F912DK**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: KIT DEV FOR C8051F91X/C8051F90X  
 In stock: 2 pcs

[RFQ](#)
**C8051F912-GDI**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH DIE  
 In stock: Out stock

[RFQ](#)
**C8051F912-D-GU**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH 24QSOP  
 In stock: 56 pcs

[RFQ](#)
**C8051F912-D-GUR**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH 24QSOP  
 In stock: Out stock

[RFQ](#)
**C8051F912-TB-K**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: EVAL BOARD C8051F912  
 In stock: Out stock

[RFQ](#)
**C8051F912-D-GM**
 Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 8BIT 16KB FLASH 24QFN  
 In stock: 78 pcs

[RFQ](#)