



Energy Micro (Silicon Labs)

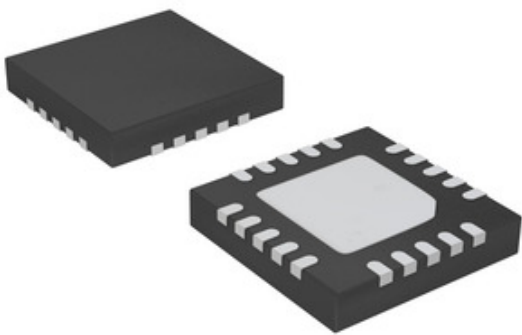


Image may be representation. See specifications for product details.

C8051F812-GM

Part Number:	C8051F812-GM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 8KB FLASH 20QFN
Datasheets:	 C8051F812-GM.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

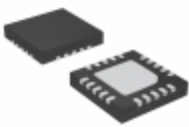
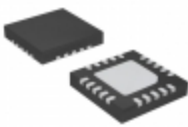
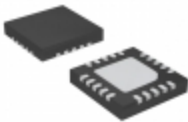
REQUEST FOR QUOTATION

Specifications of C8051F812-GM	
PART NUMBER	C8051F812-GM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 8KB FLASH 20QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 C8051F812-GM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-QFN (4x4)
SPEED	25MHz
SERIES	C8051F81x
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8)
PERIPHERALS	Cap Sense, POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	20-VFQFN Exposed Pad
OTHER NAMES	336-1784-5 C8051F812GM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	17
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F81x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 20-QFN (4x4)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F81

Related Tags

Energy Micro (Silicon Labs) C8051F812-GM	C8051F812-GM Distributor	C8051F812-GM Supplier
C8051F812-GM Price	C8051F812-GM Pictures	C8051F812-GM Image
C8051F812-GM PDF Datasheet	C8051F812-GM Download Datasheet	C8051F812-GM Datasheet
C8051F812-GM Stock	Buy C8051F812-GM	Buy Energy Micro (Silicon Labs) C8051F812-GM
Energy Micro (Silicon Labs) C8051F812-GM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F812-GM	Energy Micro C8051F812-GM	Energy Micro (Silicon Labs) C8051F812-GM
Silicon Laboratories C8051F812-GM	Silicon Labs C8051F812-GM	

Related Products

 C8051F813-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 84 pcs RFQ	 C8051F813-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: Out stock RFQ
 C8051F811-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F811-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 16SOIC In stock: Out stock RFQ
 C8051F812-GU Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 35 pcs RFQ	 C8051F812-GUR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: Out stock RFQ
 C8051F810-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F809-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 16SOIC In stock: Out stock RFQ
 C8051F810-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F812-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: Out stock RFQ
 C8051F813-GU Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 56 pcs RFQ	 C8051F809-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 16SOIC In stock: 37 pcs RFQ