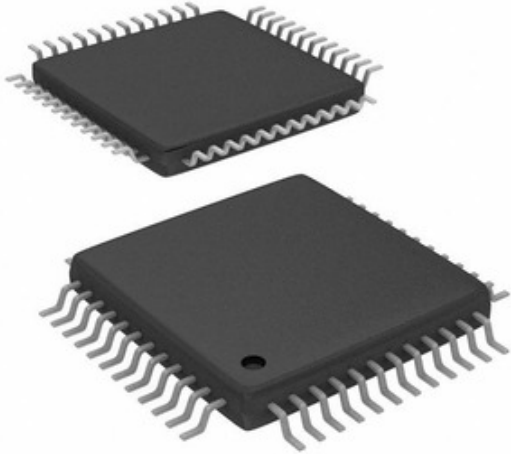




Energy Micro (Silicon Labs)



C8051F016-GQR

Part Number:	C8051F016-GQR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 32KB FLASH 48QFP
Datasheets:	 C8051F016-GQR.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of C8051F016-GQR

PART NUMBER	C8051F016-GQR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 48QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 C8051F016-GQR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFP (7x7)
SPEED	25MHz
SERIES	C8051F01x
RAM SIZE	2.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F01x Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH 48-QFP (7x7)
DATA CONVERTERS	A/D 8x10b; D/A 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F01

Related Tags

Energy Micro (Silicon Labs) C8051F016-GQR	C8051F016-GQR Distributor	C8051F016-GQR Supplier
C8051F016-GQR Price	C8051F016-GQR Pictures	C8051F016-GQR Image
C8051F016-GQR PDF Datasheet	C8051F016-GQR Download Datasheet	C8051F016-GQR Datasheet
C8051F016-GQR Stock	Buy C8051F016-GQR	Buy Energy Micro (Silicon Labs) C8051F016-GQR
Energy Micro (Silicon Labs) C8051F016-GQR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F016-GQR	Energy Micro C8051F016-GQR	Energy Micro (Silicon Labs) C8051F016-GQR
Silicon Laboratories C8051F016-GQR	Silicon Labs C8051F016-GQR	

Related Products

 C8051F017 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: Out stock RFQ	 C8051F015-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 889 pcs RFQ
 C8051F017R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: Out stock RFQ	 C8051F015-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 280 pcs RFQ
 C8051F016 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: Out stock RFQ	 C8051F018 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 64TQFP In stock: Out stock RFQ
 C8051F015R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: Out stock RFQ	 C8051F017-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: Out stock RFQ
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 C8051F016-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 124 pcs RFQ	 C8051F016R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: Out stock RFQ