



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

C8051F006-GQ

Part Number:	C8051F006-GQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 32KB FLASH 48QFP
Datasheets:	 C8051F006-GQ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6685 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F006-GQ

PART NUMBER	C8051F006-GQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 48QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6685 pcs
DATA SHEET	 C8051F006-GQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFP (7x7)
SPEED	25MHz
SERIES	C8051F00x
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	Tray
PACKAGE / CASE	48-TQFP
OTHER NAMES	336-1189 C8051F006GQ
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 C8051F00x Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH 48-QFP (7x7)
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F00

Related Tags

Energy Micro (Silicon Labs) C8051F006-GQ	C8051F006-GQ Distributor	C8051F006-GQ Supplier
C8051F006-GQ Price	C8051F006-GQ Pictures	C8051F006-GQ Image
C8051F006-GQ PDF Datasheet	C8051F006-GQ Download Datasheet	C8051F006-GQ Datasheet
C8051F006-GQ Stock	Buy C8051F006-GQ	Buy Energy Micro (Silicon Labs) C8051F006-GQ
Energy Micro (Silicon Labs) C8051F006-GQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F006-GQ	Energy Micro C8051F006-GQ	Energy Micro (Silicon Labs) C8051F006-GQ
Silicon Laboratories C8051F006-GQ	Silicon Labs C8051F006-GQ	

Related Products

 C8051F006-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 8834 pcs RFQ	 C8051F007-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 6921 pcs RFQ
 C8051F007R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 3471 pcs RFQ	 C8051F005DK-J Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: 5446 pcs RFQ
 C8051F005DK-K Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: 4182 pcs RFQ	 C8051F006 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 6963 pcs RFQ
 C8051F005DK-T Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: 4956 pcs RFQ	 C8051F005R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 4666 pcs RFQ
 C8051F006R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 3877 pcs RFQ	 C8051F007-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 8994 pcs RFQ
 C8051F007 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 6690 pcs RFQ	 C8051F005DK-U Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F005/006/007 In stock: 6198 pcs RFQ