



Energy Micro (Silicon Labs)

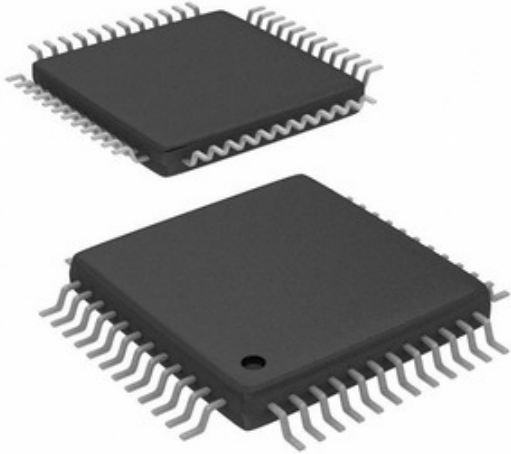


Image may be representation. See specifications for product details.

C8051F006

Part Number:	C8051F006
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 32KB FLASH 48QFP
Datasheets:	 C8051F006.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	6963 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F006

PART NUMBER	C8051F006
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 48QFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6963 pcs
DATA SHEET	 C8051F006.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
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	Contains lead / RoHS non-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	C8051F006 Distributor	C8051F006 Supplier
C8051F006 Price	C8051F006 Pictures	C8051F006 Image
C8051F006 PDF Datasheet	C8051F006 Download Datasheet	C8051F006 Datasheet
C8051F006 Stock	Buy C8051F006	Buy Energy Micro (Silicon Labs) C8051F006
Energy Micro (Silicon Labs) C8051F006	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F006	Energy Micro C8051F006	Energy Micro (Silicon Labs) C8051F006
Silicon Laboratories C8051F006	Silicon Labs C8051F006	

Related Products

 C8051F005DK-H Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: 6159 pcs RFQ	 C8051F005DK-T Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: 4956 pcs RFQ
 C8051F005DK-J Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: 5446 pcs RFQ	 C8051F005DK-U Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F005/006/007 In stock: 6198 pcs RFQ
 C8051F007-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 8994 pcs RFQ	 C8051F005R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 4666 pcs RFQ
 C8051F005DK-K Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: 4182 pcs RFQ	 C8051F007 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 6690 pcs RFQ
 C8051F007-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 6921 pcs RFQ	 C8051F006R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 3877 pcs RFQ
 C8051F006-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 6685 pcs RFQ	 C8051F006-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 8834 pcs RFQ