






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
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
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
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Silicon Laboratories C8051F006	Silicon Labs C8051F006	

Related Products

 <div>C8051F005DK-U Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F005/006/007 In stock: Out stock <div>RFQ</div></div>	 <div>C8051F005DK-K Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: Out stock <div>RFQ</div></div>
 <div>C8051F005DK-J Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: Out stock <div>RFQ</div></div>	 <div>C8051F005DK-T Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: Out stock <div>RFQ</div></div>
 <div>C8051F006R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: Out stock <div>RFQ</div></div>	 <div>C8051F007-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: Out stock <div>RFQ</div></div>
 <div>C8051F007-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 256 pcs <div>RFQ</div></div>	 <div>C8051F005R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: Out stock <div>RFQ</div></div>
 <div>C8051F007 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: Out stock <div>RFQ</div></div>	 <div>C8051F005DK-H Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F005/F006/F007 In stock: Out stock <div>RFQ</div></div>
 <div>C8051F006-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: Out stock <div>RFQ</div></div>	 <div>C8051F006-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 923 pcs <div>RFQ</div></div>