



Energy Micro (Silicon Labs)

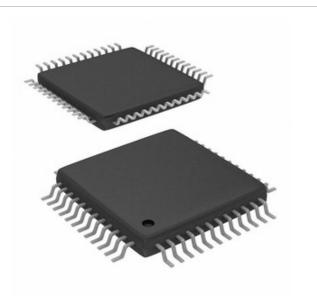


Image may be representation. See specifications for product details.

C8051F006

Part Number:

Manufacturer/Brand:

Manufacturer/Brand
Product description

Datasheets: RoHs Status

Ship From
Shipment Way

C8051F006

Energy Micro (Silicon Labs)

IC MCU 8BIT 32KB FLASH 48QFP

Contains lead / RoHS non-compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

C8051F006.pdf

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/I ² C), SPI, UART/USART | |
| BASE PART NUMBER | C8051F00 | |

Related Tags

| Energy Micro (Silicon Labs) C8051F006 | C8051F006 Distributor | C8051F006 Supplier |
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| Silicon Laboratories C8051F006 | Silicon Labs C8051F006 | |

Related Products



C8051F005DK-U

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F005/006/007

In stock: Out stock

In stock: Out stock

RFQ



C8051F005DK-K

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR C8051F005/F006/F007

In stock: Out stock

RFQ



C8051F005DK-J

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR C8051F005/F006/F007

Description: DEV KIT In stock: Out stock

RFQ



C8051F005DK-T

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR C8051F005/F006/F007

Description: DEV KI In stock: Out stock

RFQ



C8051F006R

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 32KB FLASH 480FF

Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: Out stock

RFQ



C8051F007-GQR

Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 32LQFP

In stock: Out stock

RFQ



C8051F007-GQ

Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 32LQFP

In stock: 256 pcs

RFQ



C8051F005R

Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 64TQFP

In stock: Out stock

RFQ



C8051F007 Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 32KB FLASH 32LQFP
In stock: Out stock

In stock: Out stock

RFQ



C8051F005DK-H

Description: DEV KIT FOR C8051F005/F006/F007 In stock: Out stock

Manufacturers: Energy Micro (Silicon Labs)

RFQ



C8051F006-GQR Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: Out stock

RFQ

Krų



C8051F006-GQ

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 32KB FLASH 48QFP
In stock: 923 pcs

RFQ



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