



Energy Micro (Silicon Labs)

C8051F500-IM

Part Number:	C8051F500-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 64KB FLASH 48QFN 1.C8051F500-IM.pdf 2.C8051F500-IM.pdf
Datasheets:	1.C8051F500-IM.pdf 2.C8051F500-IM.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


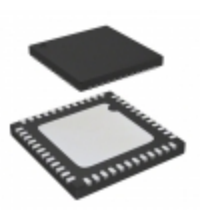



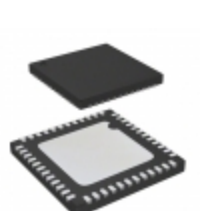






Specifications of C8051F500-IM

PART NUMBER	C8051F500-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.C8051F500-IM.pdf 2.C8051F500-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	50MHz
SERIES	C8051F50x
RAM SIZE	4.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	336-1511-5 336-1511-5-ND 336-4161
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F50x Microcontroller IC 8-Bit 50MHz 64KB (64K x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	EBI/EMI, SMBus (2-Wire/I ² C), CANbus, LINbus, SPI, UART/USART
BASE PART NUMBER	C8051F50

Related Tags

Energy Micro (Silicon Labs) C8051F500-IM	C8051F500-IM Distributor	C8051F500-IM Supplier
C8051F500-IM Price	C8051F500-IM Pictures	C8051F500-IM Image
C8051F500-IM PDF Datasheet	C8051F500-IM Download Datasheet	C8051F500-IM Datasheet
C8051F500-IM Stock	Buy C8051F500-IM	Buy Energy Micro (Silicon Labs) C8051F500-IM
Energy Micro (Silicon Labs) C8051F500-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F500-IM	Energy Micro C8051F500-IM	Energy Micro (Silicon Labs) C8051F500-IM
Silicon Laboratories C8051F500-IM	Silicon Labs C8051F500-IM	

Related Products

 <p>C8051F411EK Manufacturers: Energy Micro (Silicon Labs) Description: KIT EVAL FOR C8051F411 In stock: Out stock RFQ</p>	 <p>C8051F500-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: Out stock RFQ</p>
 <p>C8051F500DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV FOR C8051F50X In stock: 1 pcs RFQ</p>	 <p>C8051F500-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 500 pcs RFQ</p>
 <p>C8051F412-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: Out stock RFQ</p>	 <p>C8051F501-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 88 pcs RFQ</p>
 <p>C8051F500-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPE W/C8051F500 In stock: Out stock RFQ</p>	 <p>C8051F411-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 28QFN In stock: Out stock RFQ</p>
 <p>C8051F412-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 148 pcs RFQ</p>	 <p>C8051F413-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: Out stock RFQ</p>
 <p>C8051F413-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: Out stock RFQ</p>	 <p>C8051F500-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 524 pcs RFQ</p>