



C8051F501-IM

Part Number:	C8051F501-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 48QFN
Datasheets:	PDF 1.C8051F501-IM.pdf PDF 2.C8051F501-IM.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	12411 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

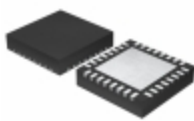
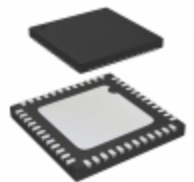
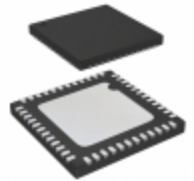
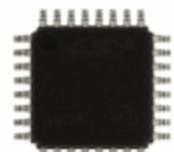
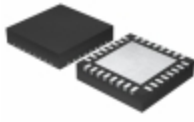
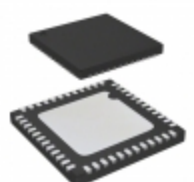
Specifications of C8051F501-IM

PART NUMBER	C8051F501-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12411 pcs
DATA SHEET	PDF 1.C8051F501-IM.pdf PDF 2.C8051F501-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	336-1513-5 C8051F501IM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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), SPI, UART/USART
BASE PART NUMBER	C8051F50

Related Tags

Energy Micro (Silicon Labs) C8051F501-IM	C8051F501-IM Distributor	C8051F501-IM Supplier
C8051F501-IM Price	C8051F501-IM Pictures	C8051F501-IM Image
C8051F501-IM PDF Datasheet	C8051F501-IM Download Datasheet	C8051F501-IM Datasheet
C8051F501-IM Stock	Buy C8051F501-IM	Buy Energy Micro (Silicon Labs) C8051F501-IM
Energy Micro (Silicon Labs) C8051F501-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F501-IM	Energy Micro C8051F501-IM	Energy Micro (Silicon Labs) C8051F501-IM
Silicon Laboratories C8051F501-IM	Silicon Labs C8051F501-IM	

Related Products

 C8051F502-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: 14125 pcs RFQ	 C8051F500-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 17185 pcs RFQ
 C8051F500-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 16025 pcs RFQ	 C8051F501-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 19921 pcs RFQ
 C8051F502-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32LQFP In stock: 12232 pcs RFQ	 C8051F501-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 15582 pcs RFQ
 C8051F502-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: 14325 pcs RFQ	 C8051F500DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV FOR C8051F50X In stock: 809 pcs RFQ
 C8051F500-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPE W/C8051F500 In stock: 1637 pcs RFQ	 C8051F501-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 16997 pcs RFQ
 C8051F500-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 12250 pcs RFQ	 C8051F500-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 12133 pcs RFQ