



Energy Micro (Silicon Labs)

C8051F501-IQ

Part Number:	C8051F501-IQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 64KB FLASH 48TQFP
Datasheets:	1.C8051F501-IQ.pdf 2.C8051F501-IQ.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	15582 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of C8051F501-IQ

PART NUMBER	C8051F501-IQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15582 pcs
DATA SHEET	1.C8051F501-IQ.pdf 2.C8051F501-IQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	48-QFP (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	Tray
PACKAGE / CASE	48-TQFP
OTHER NAMES	336-1512 C8051F501IQ
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-QFP (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-IQ	C8051F501-IQ Distributor	C8051F501-IQ Supplier
C8051F501-IQ Price	C8051F501-IQ Pictures	C8051F501-IQ Image
C8051F501-IQ PDF Datasheet	C8051F501-IQ Download Datasheet	C8051F501-IQ Datasheet
C8051F501-IQ Stock	Buy C8051F501-IQ	Buy Energy Micro (Silicon Labs) C8051F501-IQ
Energy Micro (Silicon Labs) C8051F501-IQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F501-IQ	Silicon Labs C8051F501-IQ	

Related Products

<p>C8051F502-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: 14125 pcs RFQ</p>	<p>C8051F501-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 19921 pcs RFQ</p>
<p>C8051F501-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 16997 pcs RFQ</p>	<p>C8051F502-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32LQFN In stock: 16063 pcs RFQ</p>
<p>C8051F502-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32LQFN In stock: 12232 pcs RFQ</p>	<p>C8051F500-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPE W/C8051F500 In stock: 1637 pcs RFQ</p>
<p>C8051F502-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: 14325 pcs RFQ</p>	<p>C8051F501-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48QFN In stock: 12411 pcs RFQ</p>
<p>C8051F500DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV FOR C8051F50X In stock: 809 pcs RFQ</p>	<p>C8051F500-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 16025 pcs RFQ</p>
<p>C8051F500-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 12250 pcs RFQ</p>	<p>C8051F503-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: 18028 pcs RFQ</p>