



Energy Micro (Silicon Labs)



C8051F510-IM

Part Number:	C8051F510-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 32KB FLASH 40QFN
	PDF 1.C8051F510-IM.pdf
	PDF 2.C8051F510-IM.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F510-IM

PART NUMBER	C8051F510-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 40QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.C8051F510-IM.pdf PDF 2.C8051F510-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	40-QFN (6x6)
SPEED	50MHz
SERIES	C8051F51x
RAM SIZE	4.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	40-VFQFN Exposed Pad
OTHER NAMES	336-1562-5
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	33
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F51x Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 40-QFN (6x6)
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	C8051F51

Related Tags

Energy Micro (Silicon Labs) C8051F510-IM	C8051F510-IM Distributor	C8051F510-IM Supplier
C8051F510-IM Price	C8051F510-IM Pictures	C8051F510-IM Image
C8051F510-IM PDF Datasheet	C8051F510-IM Download Datasheet	C8051F510-IM Datasheet
C8051F510-IM Stock	Buy C8051F510-IM	Buy Energy Micro (Silicon Labs) C8051F510-IM
Energy Micro (Silicon Labs) C8051F510-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F510-IM	Energy Micro C8051F510-IM	Energy Micro (Silicon Labs) C8051F510-IM
Silicon Laboratories C8051F510-IM	Silicon Labs C8051F510-IM	

Related Products



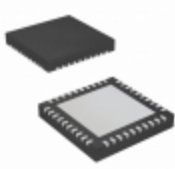
C8051F520-IM
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 8KB FLASH 10DFN
In stock: Out stock

RFQ



C8051F520-C-IMR
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 8KB FLASH 10DFN
In stock: Out stock

RFQ



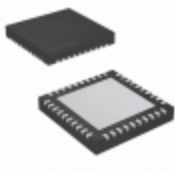
C8051F509-IM
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 64KB FLASH 40QFN
In stock: 50 pcs

RFQ



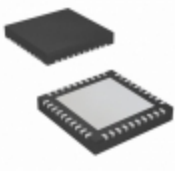
C8051F507-IQ
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 32LQFP
In stock: 64 pcs

RFQ



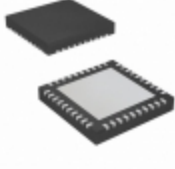
C8051F510-IMR
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 40QFN
In stock: Out stock

RFQ



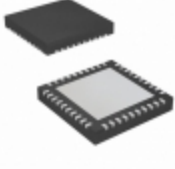
C8051F511-IM
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 40QFN
In stock: Out stock

RFQ



C8051F511-IMR
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 40QFN
In stock: Out stock

RFQ



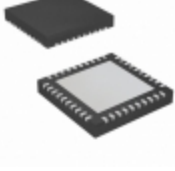
C8051F508-IMR
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 64KB FLASH 40QFN
In stock: Out stock

RFQ



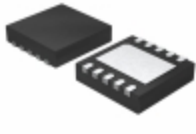
C8051F507-IQR
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 32LQFP
In stock: Out stock

RFQ



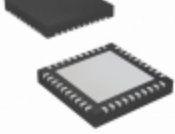
C8051F509-IMR
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 64KB FLASH 40QFN
In stock: Out stock

RFQ



C8051F520-C-IM
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 8KB FLASH 10DFN
In stock: 102 pcs

RFQ



C8051F508-IM
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 64KB FLASH 40QFN
In stock: 333 pcs

RFQ