



Energy Micro (Silicon Labs)



C8051F543-IM

Part Number:	C8051F543-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 16KB FLASH 24QFN
	PDF 1.C8051F543-IM.pdf
	PDF 2.C8051F543-IM.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

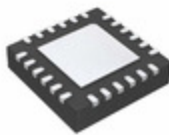
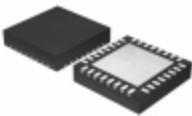
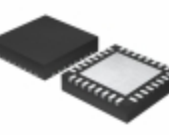
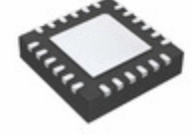
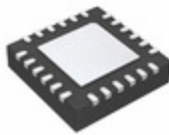
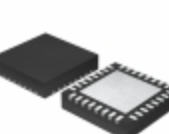
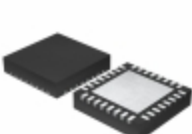
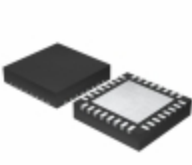
Specifications of C8051F543-IM

PART NUMBER	C8051F543-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 24QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.C8051F543-IM.pdf PDF 2.C8051F543-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	24-QFN (4x4)
SPEED	50MHz
SERIES	C8051F54x
RAM SIZE	1.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	24-WFQFN Exposed Pad
OTHER NAMES	336-1676-5
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	18
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F54x Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 24-QFN (4x4)
DATA CONVERTERS	A/D 18x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F54

Related Tags

Energy Micro (Silicon Labs) C8051F543-IM	C8051F543-IM Distributor	C8051F543-IM Supplier
C8051F543-IM Price	C8051F543-IM Pictures	C8051F543-IM Image
C8051F543-IM PDF Datasheet	C8051F543-IM Download Datasheet	C8051F543-IM Datasheet
C8051F543-IM Stock	Buy C8051F543-IM	Buy Energy Micro (Silicon Labs) C8051F543-IM
Energy Micro (Silicon Labs) C8051F543-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F543-IM	Silicon Labs C8051F543-IM	

Related Products

 C8051F542-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 28 pcs RFQ	 C8051F544-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32QFN In stock: Out stock RFQ
 C8051F544-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32LQFP In stock: Out stock RFQ	 C8051F541-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: Out stock RFQ
 C8051F545-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QFN In stock: Out stock RFQ	 C8051F543-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: Out stock RFQ
 C8051F542-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: Out stock RFQ	 C8051F544-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32LQFP In stock: 536 pcs RFQ
 C8051F544-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32QFN In stock: Out stock RFQ	 C8051F541-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 511 pcs RFQ
 C8051F541-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 250 pcs RFQ	 C8051F541-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: Out stock RFQ