



C8051F542-IM

Part Number:	C8051F542-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 16KB FLASH 24QFN
Datasheets:	 1.C8051F542-IM.pdf  2.C8051F542-IM.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19505 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

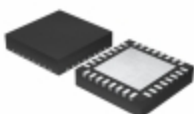
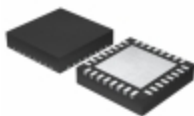
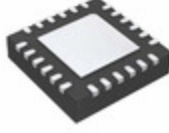
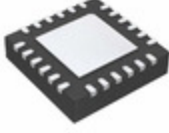
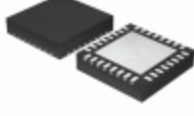
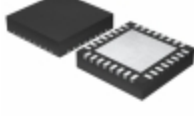
Specifications of C8051F542-IM

PART NUMBER	C8051F542-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 24QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19505 pcs
DATA SHEET	 1.C8051F542-IM.pdf  2.C8051F542-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	336-1675-5 C8051F542IM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	18
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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), LINbus, SPI, UART/USART
BASE PART NUMBER	C8051F54

Related Tags

Energy Micro (Silicon Labs) C8051F542-IM	C8051F542-IM Distributor	C8051F542-IM Supplier
C8051F542-IM Price	C8051F542-IM Pictures	C8051F542-IM Image
C8051F542-IM PDF Datasheet	C8051F542-IM Download Datasheet	C8051F542-IM Datasheet
C8051F542-IM Stock	Buy C8051F542-IM	Buy Energy Micro (Silicon Labs) C8051F542-IM
Energy Micro (Silicon Labs) C8051F542-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F542-IM	Silicon Labs C8051F542-IM	

Related Products

 C8051F543-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 24977 pcs RFQ	 C8051F544-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32QFN In stock: 27042 pcs RFQ
 C8051F541-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 28738 pcs RFQ	 C8051F544-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32LQFP In stock: 19816 pcs RFQ
 C8051F540-TB Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPE W/C8051F540 In stock: 2061 pcs RFQ	 C8051F541-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 16896 pcs RFQ
 C8051F543-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 21937 pcs RFQ	 C8051F542-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 25806 pcs RFQ
 C8051F541-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 19649 pcs RFQ	 C8051F540DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEVELOPMENT FOR C8051F540 In stock: 968 pcs RFQ
 C8051F544-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32QFN In stock: 21084 pcs RFQ	 C8051F541-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 20693 pcs RFQ