



Energy Micro (Silicon Labs)



C8051F583-IM

Part Number:	C8051F583-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 128KB FLASH 32QFN
Datasheets:	 1.C8051F583-IM.pdf
	 2.C8051F583-IM.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9949 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

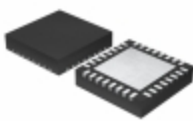
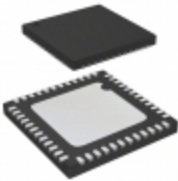
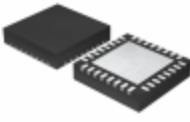
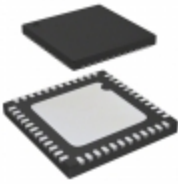
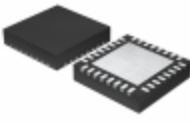
Specifications of C8051F583-IM

PART NUMBER	C8051F583-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 128KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9949 pcs
DATA SHEET	 1.C8051F583-IM.pdf  2.C8051F583-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
SPEED	50MHz
SERIES	C8051F58x
RAM SIZE	8.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	336-1571-5 C8051F583IM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F58x Microcontroller IC 8-Bit 50MHz 128KB (128K x 8) FLASH 32-QFN (5x5)
DATA CONVERTERS	A/D 25x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F58

Related Tags

Energy Micro (Silicon Labs) C8051F583-IM	C8051F583-IM Distributor	C8051F583-IM Supplier
C8051F583-IM Price	C8051F583-IM Pictures	C8051F583-IM Image
C8051F583-IM PDF Datasheet	C8051F583-IM Download Datasheet	C8051F583-IM Datasheet
C8051F583-IM Stock	Buy C8051F583-IM	Buy Energy Micro (Silicon Labs) C8051F583-IM
Energy Micro (Silicon Labs) C8051F583-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F583-IM	Silicon Labs C8051F583-IM	

Related Products

 C8051F583-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 8474 pcs RFQ	 C8051F582-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 10020 pcs RFQ
 C8051F584-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48QFN In stock: 12992 pcs RFQ	 C8051F584-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48TQFP In stock: 11356 pcs RFQ
 C8051F581-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 12791 pcs RFQ	 C8051F582-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 11294 pcs RFQ
 C8051F583-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 12438 pcs RFQ	 C8051F582-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 9786 pcs RFQ
 C8051F584-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48QFN In stock: 12472 pcs RFQ	 C8051F583-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 11452 pcs RFQ
 C8051F581-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 10947 pcs RFQ	 C8051F582-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 14036 pcs RFQ