

**SILICON LABS**

Energy Micro (Silicon Labs)



C8051F586-IM

Part Number:	C8051F586-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 96KB FLASH 32QFN
	 1.C8051F586-IM.pdf
	 2.C8051F586-IM.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10718 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

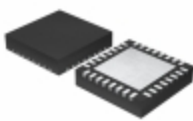
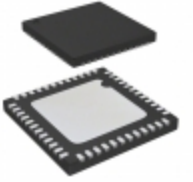
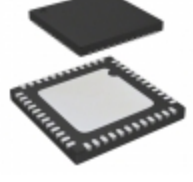
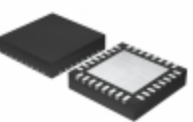
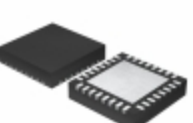
Specifications of C8051F586-IM

PART NUMBER	C8051F586-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 96KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10718 pcs
DATA SHEET	 1.C8051F586-IM.pdf  2.C8051F586-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	96KB (96K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	336-1577-5 C8051F586IM
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 96KB (96K x 8) FLASH 32-QFN (5x5)
DATA CONVERTERS	A/D 25x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), CANbus, LINbus, SPI, UART/USART
BASE PART NUMBER	C8051F58

Related Tags

Energy Micro (Silicon Labs) C8051F586-IM	C8051F586-IM Distributor	C8051F586-IM Supplier
C8051F586-IM Price	C8051F586-IM Pictures	C8051F586-IM Image
C8051F586-IM PDF Datasheet	C8051F586-IM Download Datasheet	C8051F586-IM Datasheet
C8051F586-IM Stock	Buy C8051F586-IM	Buy Energy Micro (Silicon Labs) C8051F586-IM
Energy Micro (Silicon Labs) C8051F586-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F586-IM	Energy Micro C8051F586-IM	Energy Micro (Silicon Labs) C8051F586-IM
Silicon Laboratories C8051F586-IM	Silicon Labs C8051F586-IM	

Related Products

 C8051F587-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 32QFN In stock: 14591 pcs RFQ	 C8051F585-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48QFN In stock: 15379 pcs RFQ
 C8051F586-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 32LQFP In stock: 10523 pcs RFQ	 C8051F586-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 32LQFP In stock: 14929 pcs RFQ
 C8051F585-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48QFN In stock: 14492 pcs RFQ	 C8051F585-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48TQFP In stock: 12450 pcs RFQ
 C8051F584-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48TQFP In stock: 14791 pcs RFQ	 C8051F585-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48TQFP In stock: 12552 pcs RFQ
 C8051F587-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 32LQFP In stock: 10029 pcs RFQ	 C8051F587-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 32QFN In stock: 13691 pcs RFQ
 C8051F584-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 48TQFP In stock: 11356 pcs RFQ	 C8051F586-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 96KB FLASH 32QFN In stock: 16449 pcs RFQ