



C8051F581-IM

Part Number:	C8051F581-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 128KB FLASH 48QFN
Datasheets:	1.C8051F581-IM.pdf 2.C8051F581-IM.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

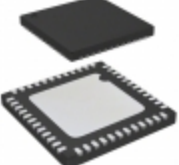
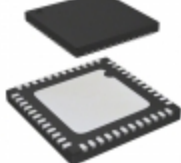
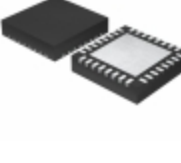
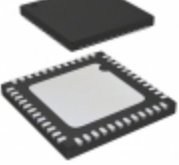
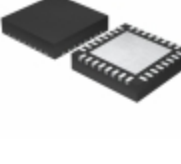
Specifications of C8051F581-IM

PART NUMBER	C8051F581-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 128KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.C8051F581-IM.pdf 2.C8051F581-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
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	48-VFQFN Exposed Pad
OTHER NAMES	336-1567-5
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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 48-QFN (7x7)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	EBI/EMI, SMBus (2-Wire/I ² C), SPI, UART/USART
BASE PART NUMBER	C8051F58

Related Tags

Energy Micro (Silicon Labs) C8051F581-IM	C8051F581-IM Distributor	C8051F581-IM Supplier
C8051F581-IM Price	C8051F581-IM Pictures	C8051F581-IM Image
C8051F581-IM PDF Datasheet	C8051F581-IM Download Datasheet	C8051F581-IM Datasheet
C8051F581-IM Stock	Buy C8051F581-IM	Buy Energy Micro (Silicon Labs) C8051F581-IM
Energy Micro (Silicon Labs) C8051F581-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F581-IM	Energy Micro C8051F581-IM	Energy Micro (Silicon Labs) C8051F581-IM
Silicon Laboratories C8051F581-IM	Silicon Labs C8051F581-IM	

Related Products

 C8051F581-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 374 pcs RFQ	 C8051F580DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV C8051F58X/59X MCU FAMILY In stock: 8 pcs RFQ
 C8051F580-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: 845 pcs RFQ	 C8051F580-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD TARGET C8051F58X MCU FAM In stock: Out stock RFQ
 C8051F582-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 607 pcs RFQ	 C8051F580-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: Out stock RFQ
 C8051F580-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: Out stock RFQ	 C8051F580-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: Out stock RFQ
 C8051F581-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 500 pcs RFQ	 C8051F582-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: Out stock RFQ
 C8051F581-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: Out stock RFQ	 C8051F582-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 66 pcs RFQ