



C8051F581-IQ

Part Number:	C8051F581-IQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 128KB FLASH 48TQFP
Datasheets:	PDF 1.C8051F581-IQ.pdf PDF 2.C8051F581-IQ.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	10947 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

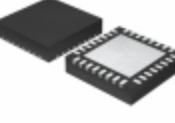
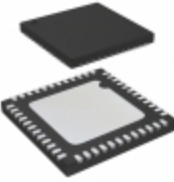
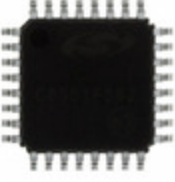
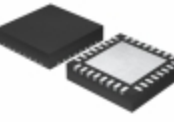
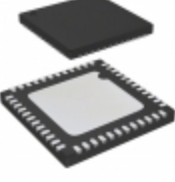
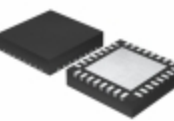
Specifications of C8051F581-IQ

PART NUMBER	C8051F581-IQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 128KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10947 pcs
DATA SHEET	PDF 1.C8051F581-IQ.pdf PDF 2.C8051F581-IQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	48-QFP (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	Tray
PACKAGE / CASE	48-TQFP
OTHER NAMES	336-1566 C8051F581IQ
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-QFP (7x7)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	EBI/EMI, SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F58

Related Tags

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

Related Products

 C8051F580-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 12839 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	 C8051F582-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 14036 pcs RFQ
 C8051F581-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: 13900 pcs RFQ	 C8051F582-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 10020 pcs RFQ
 C8051F583-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 9949 pcs RFQ	 C8051F581-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: 11095 pcs RFQ
 C8051F580-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD TARGET C8051F58X MCU FAM In stock: 2096 pcs RFQ	 C8051F580-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 9416 pcs RFQ
 C8051F582-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 9786 pcs RFQ	 C8051F580DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV C8051F58X/59X MCU FAMILY In stock: 874 pcs RFQ