



C8051F580-IQR

Part Number:	C8051F580-IQR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 128KB FLASH 48TQFP
Datasheets:	PDF 1.C8051F580-IQR.pdf PDF 2.C8051F580-IQR.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	12839 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

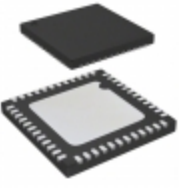
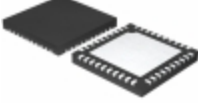
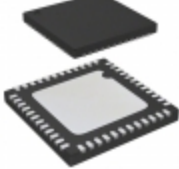
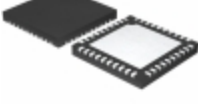
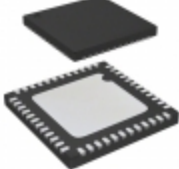
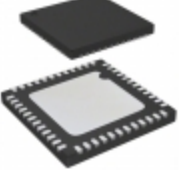
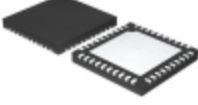
Specifications of C8051F580-IQR

PART NUMBER	C8051F580-IQR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 128KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12839 pcs
DATA SHEET	PDF 1.C8051F580-IQR.pdf PDF 2.C8051F580-IQR.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	Tape & Reel (TR)
PACKAGE / CASE	48-TQFP
OTHER NAMES	336-4199-2 C8051F580-IQR-ND
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/I ² C), CANbus, LINbus, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) C8051F580-IQR	C8051F580-IQR Distributor	C8051F580-IQR Supplier
C8051F580-IQR Price	C8051F580-IQR Pictures	C8051F580-IQR Image
C8051F580-IQR PDF Datasheet	C8051F580-IQR Download Datasheet	C8051F580-IQR Datasheet
C8051F580-IQR Stock	Buy C8051F580-IQR	Buy Energy Micro (Silicon Labs) C8051F580-IQR
Energy Micro (Silicon Labs) C8051F580-IQR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F580-IQR	Energy Micro C8051F580-IQR	Energy Micro (Silicon Labs) C8051F580-IQR
Silicon Laboratories C8051F580-IQR	Silicon Labs C8051F580-IQR	

Related Products

 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
 C8051F581-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 12791 pcs RFQ	 C8051F580DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV C8051F58X/59X MCU FAMILY In stock: 874 pcs RFQ
 C8051F575-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 40QFN In stock: 16330 pcs RFQ	 C8051F580-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: 9750 pcs RFQ
 C8051F575-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 40QFN In stock: 19818 pcs RFQ	 C8051F580-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: 12764 pcs RFQ
 C8051F581-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: 13900 pcs RFQ	 C8051F580-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 9416 pcs RFQ
 C8051F574-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 40QFN In stock: 20574 pcs RFQ	 C8051F581-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 10947 pcs RFQ