



C8051F582-IM

Part Number:	C8051F582-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 128KB FLASH 32QFN
	 1.C8051F582-IM.pdf
	 2.C8051F582-IM.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

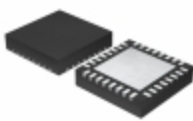
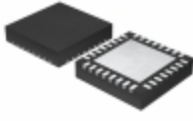
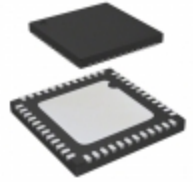
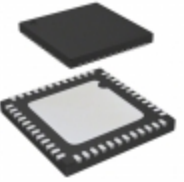
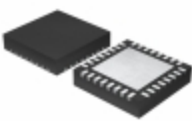
Specifications of C8051F582-IM

PART NUMBER	C8051F582-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 128KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.C8051F582-IM.pdf  2.C8051F582-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	336-1569-5 C8051F582IM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 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) C8051F582-IM	C8051F582-IM Distributor	C8051F582-IM Supplier
C8051F582-IM Price	C8051F582-IM Pictures	C8051F582-IM Image
C8051F582-IM PDF Datasheet	C8051F582-IM Download Datasheet	C8051F582-IM Datasheet
C8051F582-IM Stock	Buy C8051F582-IM	Buy Energy Micro (Silicon Labs) C8051F582-IM
Energy Micro (Silicon Labs) C8051F582-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F582-IM	Silicon Labs C8051F582-IM	

Related Products

 C8051F583-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: 109 pcs RFQ	 C8051F583-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 316 pcs RFQ
 C8051F583-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32QFN In stock: Out stock RFQ	 C8051F582-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: Out stock RFQ
 C8051F581-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: 129 pcs RFQ	 C8051F581-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48QFN In stock: Out stock RFQ
 C8051F581-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 48TQFP In stock: 374 pcs RFQ	 C8051F582-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 32LQFP In stock: 607 pcs RFQ
 C8051F580-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD TARGET C8051F58X MCU FAM In stock: Out stock RFQ	 C8051F580DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV C8051F58X/59X MCU FAMILY In stock: 8 pcs 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