



Energy Micro (Silicon Labs)

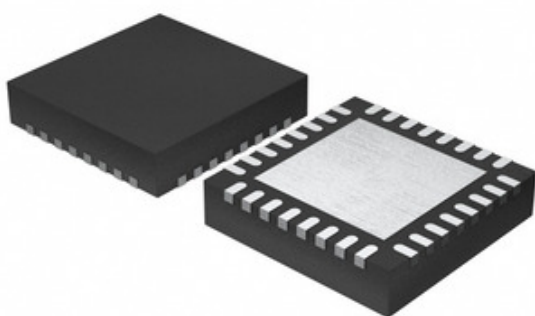


Image may be representation. See specifications for product details.

C8051F566-IMR

Part Number: C8051F566-IMR

Manufacturer/Brand: Energy Micro (Silicon Labs)

Product description: IC MCU 8BIT 16KB FLASH 32QFN

Datasheets: [1.C8051F566-IMR.pdf](#)
[2.C8051F566-IMR.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 27499 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

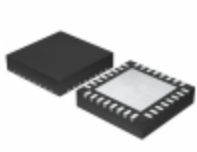
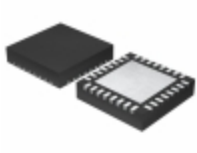
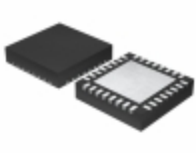
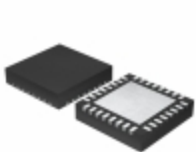
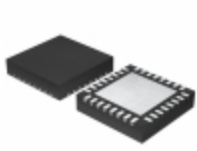
Specifications of C8051F566-IMR

PART NUMBER	C8051F566-IMR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	27499 pcs
DATA SHEET	1.C8051F566-IMR.pdf 2.C8051F566-IMR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
SPEED	50MHz
SERIES	C8051F56x
RAM SIZE	2.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	32-VFQFN Exposed Pad
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 C8051F56x Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 32-QFN (5x5)
DATA CONVERTERS	A/D 25x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), LINbus, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) C8051F566-IMR	C8051F566-IMR Distributor	C8051F566-IMR Supplier
C8051F566-IMR Price	C8051F566-IMR Pictures	C8051F566-IMR Image
C8051F566-IMR PDF Datasheet	C8051F566-IMR Download Datasheet	C8051F566-IMR Datasheet
C8051F566-IMR Stock	Buy C8051F566-IMR	Buy Energy Micro (Silicon Labs) C8051F566-IMR
Energy Micro (Silicon Labs) C8051F566-IMR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F566-IMR	Energy Micro C8051F566-IMR	Energy Micro (Silicon Labs) C8051F566-IMR
Silicon Laboratories C8051F566-IMR	Silicon Labs C8051F566-IMR	

Related Products

 C8051F567-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 24128 pcs RFQ	 C8051F567-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 21114 pcs RFQ
 C8051F566-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 20892 pcs RFQ	 C8051F565-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 26381 pcs RFQ
 C8051F567-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 24495 pcs RFQ	 C8051F565-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 18264 pcs RFQ
 C8051F565-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 23745 pcs RFQ	 C8051F566-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 20527 pcs RFQ
 C8051F564-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 21245 pcs RFQ	 C8051F567-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 24192 pcs RFQ
 C8051F565-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 30915 pcs RFQ	 C8051F566-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 23897 pcs RFQ