



Energy Micro (Silicon Labs)

C8051F568-IM

Part Number:	C8051F568-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 32KB FLASH 40QFN
Datasheets:	1.C8051F568-IM.pdf 2.C8051F568-IM.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	14226 pcs stock
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 C8051F568-IM

PART NUMBER	C8051F568-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 40QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14226 pcs
DATA SHEET	1.C8051F568-IM.pdf 2.C8051F568-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	40-QFN (6x6)
SPEED	50MHz
SERIES	C8051F56x
RAM SIZE	2.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	40-VFQFN Exposed Pad
OTHER NAMES	336-1709-5 C8051F568IM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	33
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F56x Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 40-QFN (6x6)
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
BASE PART NUMBER	C8051F56

Related Tags

Energy Micro (Silicon Labs) C8051F568-IM	C8051F568-IM Distributor	C8051F568-IM Supplier
C8051F568-IM Price	C8051F568-IM Pictures	C8051F568-IM Image
C8051F568-IM PDF Datasheet	C8051F568-IM Download Datasheet	C8051F568-IM Datasheet
C8051F568-IM Stock	Buy C8051F568-IM	Buy Energy Micro (Silicon Labs) C8051F568-IM
Energy Micro (Silicon Labs) C8051F568-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F568-IM	Silicon Labs C8051F568-IM	

Related Products

<p>C8051F567-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 21114 pcs RFQ</p>	<p>C8051F567-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 24495 pcs RFQ</p>
<p>C8051F571-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 40QFN In stock: 14306 pcs RFQ</p>	<p>C8051F567-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 24128 pcs RFQ</p>
<p>C8051F566-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 20892 pcs RFQ</p>	<p>C8051F569-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 40QFN In stock: 21888 pcs RFQ</p>
<p>C8051F570-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 40QFN In stock: 20214 pcs RFQ</p>	<p>C8051F568-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 40QFN In stock: 18630 pcs RFQ</p>
<p>C8051F570-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 40QFN In stock: 17396 pcs RFQ</p>	<p>C8051F569-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 40QFN In stock: 17421 pcs RFQ</p>
<p>C8051F567-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 24192 pcs RFQ</p>	<p>C8051F566-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 23897 pcs RFQ</p>