



Energy Micro (Silicon Labs)

C8051F540-IM

Part Number:	C8051F540-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 16KB FLASH 32QFN
Datasheets:	1.C8051F540-IM.pdf 2.C8051F540-IM.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	21283 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 C8051F540-IM

PART NUMBER	C8051F540-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21283 pcs
DATA SHEET	1.C8051F540-IM.pdf 2.C8051F540-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
SPEED	50MHz
SERIES	C8051F54x
RAM SIZE	1.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	336-1670-5
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 C8051F54x 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/I ² C), LINbus, SPI, UART/USART
BASE PART NUMBER	C8051F54

Related Tags

Energy Micro (Silicon Labs) C8051F540-IM	C8051F540-IM Distributor	C8051F540-IM Supplier
C8051F540-IM Price	C8051F540-IM Pictures	C8051F540-IM Image
C8051F540-IM PDF Datasheet	C8051F540-IM Download Datasheet	C8051F540-IM Datasheet
C8051F540-IM Stock	Buy C8051F540-IM	Buy Energy Micro (Silicon Labs) C8051F540-IM
Energy Micro (Silicon Labs) C8051F540-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F540-IM	Silicon Labs C8051F540-IM	

Related Products

<p>C8051F537A-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20TSSOP In stock: 39714 pcs RFQ</p>	<p>C8051F537A-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20QFN In stock: 48221 pcs RFQ</p>
<p>C8051F541-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 19649 pcs RFQ</p>	<p>C8051F540DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEVELOPMENT FOR C8051F540 In stock: 968 pcs RFQ</p>
<p>C8051F540-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 18710 pcs RFQ</p>	<p>C8051F537A-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20QFN In stock: 61557 pcs RFQ</p>
<p>C8051F540-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 17905 pcs RFQ</p>	<p>C8051F540-TB Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPE W/C8051F540 In stock: 2061 pcs RFQ</p>
<p>C8051F537-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20TSSOP In stock: 5482 pcs RFQ</p>	<p>C8051F537A-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20TSSOP In stock: 50107 pcs RFQ</p>
<p>C8051F537-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20QFN In stock: 3857 pcs RFQ</p>	<p>C8051F540-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 27251 pcs RFQ</p>