




Energy Micro (Silicon Labs)



C8051F540-IM

Part Number:	C8051F540-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 16KB FLASH 32QFN
	<a href="#">PDF</a> 1.C8051F540-IM.pdf
	<a href="#">PDF</a> 2.C8051F540-IM.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.


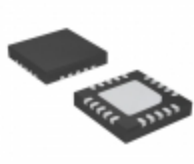

Specifications of C8051F540-IM

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
DATA SHEET	<a href="#">PDF</a> 1.C8051F540-IM.pdf <a href="#">PDF</a> 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)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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 <sup>2</sup> 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
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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

 <div><b>C8051F537A-ITR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20TSSOP In stock: Out stock <div>RFQ</div></div>	 <div><b>C8051F537A-IMR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20QFN In stock: Out stock <div>RFQ</div></div>
 <div><b>C8051F541-IM</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 511 pcs <div>RFQ</div></div>	 <div><b>C8051F537-IT</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20TSSOP In stock: Out stock <div>RFQ</div></div>
 <div><b>C8051F537A-IT</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20TSSOP In stock: 34 pcs <div>RFQ</div></div>	 <div><b>C8051F537-IM</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20QFN In stock: Out stock <div>RFQ</div></div>
 <div><b>C8051F540DK</b> Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEVELOPMENT FOR C8051F540 In stock: 1 pcs <div>RFQ</div></div>	 <div><b>C8051F540-IMR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: Out stock <div>RFQ</div></div>
 <div><b>C8051F540-TB</b> Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPE W/C8051F540 In stock: 1 pcs <div>RFQ</div></div>	 <div><b>C8051F540-IQ</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 250 pcs <div>RFQ</div></div>
 <div><b>C8051F537A-IM</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 2KB FLASH 20QFN In stock: Out stock <div>RFQ</div></div>	 <div><b>C8051F540-IQR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: Out stock <div>RFQ</div></div>