

C8051F537A-IM



SILICON LABS



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Part Number: C8051F537A-IM

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 2KB FLASH 20QFN

Data sheet:  C8051F52x/F53x
 C8051F52x(A)-53x(A) Errata

RoHs Status: Lead free / RoHS Compliant

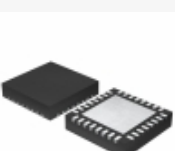
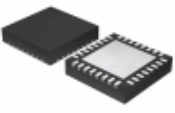
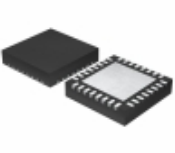
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F537A-IM	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 2KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	49056 pcs	Data sheet	C8051F52x/F53x C8051F52x(A)-53x(A) Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.25 V
Supplier Device Package	20-QFN (4x4)	Speed	25MHz
Series	C8051F53x	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	2KB (2K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tube
Package / Case	20-VFQFN Exposed Pad	Other Names	336-1503-5
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	16	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	8051 C8051F53x Microcontroller IC 8-Bit 25MHz 2KB (2K x 8) FLASH 20-QFN (4x4)	Data Converters	A/D 16x12b
Core Size	8-Bit	Core Processor	8051
Connectivity	SPI, UART/USART	Base Part Number	C8051F53
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	Part#: C8051F537-C-IMR Description: IC MCU 8BIT 2KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F541-IM Description: IC MCU 8BIT 16KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F537-C-IT Description: IC MCU 8BIT 2KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F536A-IM Description: IC MCU 8BIT 2KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F540-IMR Description: IC MCU 8BIT 16KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F540-IM Description: IC MCU 8BIT 16KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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