

C8051F531-IT



**SILICON LABS**

Part Number: [C8051F531-IT](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 8BIT 8KB FLASH 20TSSOP

Data sheet:  [C8051F52x-53x/A](#)
 [C8051F52x\(A\)-53x\(A\) Errata](#)
 [C8051F531 Data Short](#)

RoHs Status: Lead free / RoHS Compliant

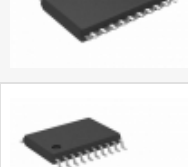
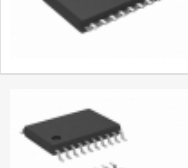
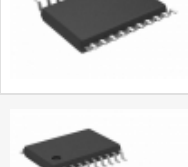
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PRODUCT PARAMETER			
Part Number	C8051F531-IT	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 20TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4251 pcs	Data sheet	C8051F52x-53x/A C8051F52x(A)-53x(A) Errata C8051F531 Data Short
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.25 V
Supplier Device Package	20-TSSOP	Speed	25MHz
Series	C8051F53x	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tube
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Other Names	336-1393
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 8KB (8K x 8) FLASH 20-TSSOP	Data Converters	A/D 16x12b
Core Size	8-Bit	Core Processor	8051
Connectivity	SPI, UART/USART	Base Part Number	C8051F53
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RELATED PRODUCTS			
	Part#: C8051F533-IM Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531A-IT Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530A-IT Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F533-IT Description: IC MCU 8BIT 4KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530ADK Description: KIT DEV C8051F53XA, C8051F52XA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531-C-IM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530DK Description: KIT DEV FOR C8051F520,F530	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F533-C-IMR Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531-C-IMR Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F533-C-IT Description: IC MCU 8BIT 4KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531A-ITR Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531-C-ITR Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531A-IM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F533-C-ITR Description: IC MCU 8BIT 4KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531-IM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530A-TB Description: BOARD TARGET/PROTO W/C8051F530A	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531-C-IT Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530A-ITR Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ

Related keywords for C8051F531-IT			
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