

C8051F531-C-IT



**SILICON LABS**

Part Number: [C8051F531-C-IT](#)

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

Description IC MCU 8BIT 8KB FLASH 20TSSOP

Data sheet:  [C8051F52x/F53x](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	C8051F531-C-IT	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 20TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32842 pcs	Data sheet	C8051F52x/F53x
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	Tray
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Other Names	336-4389 C8051F531-C-IT-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	16	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	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
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	Part#: C8051F531A-ITR Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531A-IMR Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F531-IT Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F531A-IT Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F530A-TB Description: BOARD TARGET/PROTO W/C8051F530A	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530A-ITR Description: IC MCU 8BIT 8KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530A-IM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F533-C-IM Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F530A-IMR Description: IC MCU 8BIT 8KB FLASH 20QFN	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#: C8051F533-C-IT Description: IC MCU 8BIT 4KB FLASH 20TSSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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