

C8051F537-C-IT



**SILICON LABS**

Part Number: [C8051F537-C-IT](#)

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

Description: IC MCU 8BIT 2KB FLASH 20TSSOP

Data sheet:  [C8051F52x/F53x](#)

RoHs Status: Lead free / RoHS Compliant

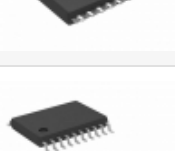
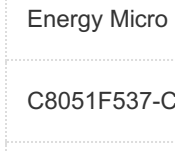
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PRODUCT PARAMETER			
Part Number	C8051F537-C-IT	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 2KB FLASH 20TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35592 pcs	Data sheet	C8051F52x/F53x
Category	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	2KB (2K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	20-TSSOP (0.173", 4.40mm Width)	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 2KB (2K 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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