

C8051F850-C-IU



SILICON LABS



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Part Number: [C8051F850-C-IU](#)

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

Description: IC MCU 8BIT 8KB FLASH 24QSOP

Data sheet:  [C8051F85x,86x C Errata](#)
 [C8051F85x, 86x](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	C8051F850-C-IU	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 24QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	65373 pcs	Data sheet	C8051F85x,86x C Errata C8051F85x, 86x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Supplier Device Package	24-QSOP	Speed	25MHz
Series	C8051F85x	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	24-SSOP (0.154", 3.90mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	16
Moisture Sensitivity Level (MSL)	2 (1 Year)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	CIP-51™ C8051F85x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 24-QSOP	Data Converters	A/D 16x12b
Core Size	8-Bit	Core Processor	CIP-51™
Connectivity	I²C, SMBus, SPI, UART/USART		
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 SILICON LABS	Part#: C8051F850-C-IM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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 SILICON LABS	Part#: C8051F850-C-GUR Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F850-B-GU Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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