

C8051F865-C-ISR



SILICON LABS



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Part Number: [C8051F865-C-ISR](#)

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

Description: IC MCU 8BIT 2KB FLASH 16SOIC

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

RoHs Status: Lead free / RoHS Compliant

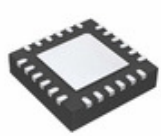
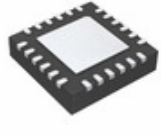
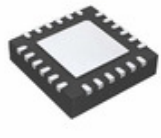
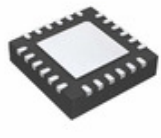
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F865-C-ISR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 2KB FLASH 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	95161 pcs	Data sheet	C8051F85x,86x C Errata C8051F85x, 86x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Speed	25MHz	Series	C8051F86x
RAM Size	256 x 8	Program Memory Type	FLASH
Program Memory Size	2KB (2K x 8)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Packaging	Tape & Reel (TR)	Package / Case	16-SOIC (0.154", 3.90mm Width)
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	13	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	8051 C8051F86x Microcontroller IC 8-Bit 25MHz 2KB (2K x 8) FLASH
Data Converters	-	Core Size	8-Bit
Core Processor	8051	Connectivity	I ² C, SPI, UART/USART
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	Part#: C8051F902-D-GMR Description: IC MCU 8BIT 8KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F863-C-IS Description: IC MCU 8BIT 8KB FLASH 16SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F864-C-GS Description: IC MCU 8BIT 4KB FLASH 16SOIC	Manufacturers: Silicon Labs	RFQ
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