

C8051F851-C-IM



SILICON LABS



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Part Number: C8051F851-C-IM

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 4KB FLASH 20QFN

Data sheet:  C8051F85x,86x C Errata
 C8051F85x, 86x

RoHs Status: Lead free / RoHS Compliant

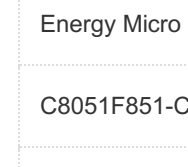
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PRODUCT PARAMETER			
Part Number	C8051F851-C-IM	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 4KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	67605 pcs	Data sheet	C8051F85x,86x C Errata C8051F85x, 86x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Speed	25MHz	Series	C8051F85x
RAM Size	512 x 8	Program Memory Type	FLASH
Program Memory Size	4KB (4K x 8)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Packaging	Tube	Package / Case	20-WFQFN Exposed Pad
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	15	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 C8051F85x Microcontroller IC 8-Bit 25MHz 4KB (4K x 8) FLASH
Data Converters	A/D 15x12b	Core Size	8-Bit
Core Processor	8051	Connectivity	I ² C, SPI, UART/USART
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	Part#: C8051F850-C-GUR Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F851-C-GM Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F850-C-IMR Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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