

C8051F852-C-GU



**SILICON LABS**

Part Number: [C8051F852-C-GU](#)

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

Description IC MCU 8BIT 2KB 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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PRODUCT PARAMETER			
Part Number	C8051F852-C-GU	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 2KB FLASH 24QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	84503 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	256 x 8
Program Memory Type	FLASH	Program Memory Size	2KB (2K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	24-SSOP (0.154", 3.90mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°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	8051 C8051F85x Microcontroller IC 8-Bit 25MHz 2KB (2K x 8) FLASH 24-QSOP	Data Converters	A/D 16x12b
Core Size	8-Bit	Core Processor	8051
Connectivity	I ² C, SPI, UART/USART		
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 SILICON LABS	Part#: C8051F853-C-GM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F851-C-GU Description: IC MCU 8BIT 4KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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