

C8051F850-B-GU



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**SILICON LABS**

**Part Number:** [C8051F850-B-GU](#)

**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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| PRODUCT PARAMETER                |                                           |                                |                                                                          |
|----------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------|
| Part Number                      | C8051F850-B-GU                            | Manufacturer                   | <a href="#">Energy Micro (Silicon Labs)</a>                              |
| Description                      | IC MCU 8BIT 8KB FLASH 24QSOP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                               |
| Quantity Available               | 4651 pcs                                  | Data sheet                     | <a href="#">C8051F85x,86x C Errata</a><br><a href="#">C8051F85x, 86x</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | 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              | 8KB (8K x 8)                              | Peripherals                    | Brown-out Detect/Reset, POR, PWM, WDT                                    |
| Packaging                        | Tube                                      | Package / Case                 | 24-SSOP (0.154", 3.90mm Width)                                           |
| Other Names                      | 336-2545-5                                | Oscillator Type                | Internal                                                                 |
| Operating Temperature            | -40°C ~ 85°C (TA)                         | Number of I/O                  | 16                                                                       |
| Moisture Sensitivity Level (MSL) | 6 (Time on Label)                         | 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      |
| Data Converters                  | A/D 16x12b                                | Core Size                      | 8-Bit                                                                    |
| Core Processor                   | CIP-51™                                   | Connectivity                   | I²C, SMBus, SPI, UART/USART                                              |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 4651 pieces of Energy Micro (Silicon Labs) C8051F850-B-GU in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
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|  | Part#: <a href="#">C8051F834-GS</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F832-GSR</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F835-GSR</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F832-GS</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-C-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-C-GUR</a><br>Description: IC MCU 8BIT 8KB FLASH 24QSOP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C8051F850-C-IUR</a><br>Description: IC MCU 8BIT 8KB FLASH 24QSOP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-C-IU</a><br>Description: IC MCU 8BIT 8KB FLASH 24QSOP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F835-GS</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F833-GSR</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-C-IMR</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F834-GSR</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-B-DK</a><br>Description: KIT DEV C8051F850             | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C8051F850-BLDC-RD</a><br>Description: REF DESIGN C8051F850 BLDC  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-C-GU</a><br>Description: IC MCU 8BIT 8KB FLASH 24QSOP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-C-GMR</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F850-B-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F833-GS</a><br>Description: IC MCU 8BIT 4KB FLASH 16SOIC    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |

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