

C8051F853-C-GM



SILICON LABS



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Part Number: C8051F853-C-GM

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB FLASH 20QFN

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  |                                 |                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------|------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | C8051F853-C-GM                                                   | Manufacturer                    | Energy Micro (Silicon Labs)              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 8BIT 8KB FLASH 20QFN                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 92882 pcs                                                        | Data sheet                      | C8051F85x,86x C Errata<br>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                                                                                                                                                                                                                                                                                                                                                                                                                 | 8KB (8K x 8)                                                     | Peripherals                     | Brown-out Detect/Reset, POR, PWM, WDT    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                           | Tube                                                             | Package / Case                  | 20-VFQFN Exposed Pad                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                         | 336-4654<br>C8051F853-C-GM-ND                                    | Oscillator Type                 | Internal                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°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 8KB (8K x 8) FLASH | Data Converters                 | -                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-Bit                                                            | Core Processor                  | 8051                                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                        | I <sup>2</sup> C, 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 92882 pieces of Energy Micro (Silicon Labs) C8051F853-C-GM in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                  |                                 |                                          |

| RELATED PRODUCTS                                                                   |                                                                     |                                            |     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------|-----|
|  | Part#: C8051F852-C-IMR<br>Description: IC MCU 8BIT 2KB FLASH 20QFN  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F853-C-IUR<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F851-C-IU<br>Description: IC MCU 8BIT 4KB FLASH 24QSOP  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F852-C-GM<br>Description: IC MCU 8BIT 2KB FLASH 20QFN   | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F852-C-IUR<br>Description: IC MCU 8BIT 2KB FLASH 24QSOP | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F854-C-GU<br>Description: IC MCU 8BIT 4KB FLASH 24QSOP  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
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| Related keywords for C8051F853-C-GM        |                             |                                            |                                     |
| Energy Micro (Silicon Labs) C8051F853-C-GM | C8051F853-C-GM distributor  | C8051F853-C-GM supplier                    | C8051F853-C-GM price                |
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