

C8051F806-GU





SILICON LABS

**Part Number:** [C8051F806-GU](#)

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

**Description:** IC MCU 8BIT 16KB FLASH 24QSOP

**Data sheet:**  [C8051F80x-83x](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |                                  |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | C8051F806-GU                                                               | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 8BIT 16KB FLASH 24QSOP                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 67930 pcs                                                                  | Data sheet                       | <a href="#">C8051F80x-83x</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 24-QSOP                                                                    | Speed                            | 25MHz                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | C8051F80x                                                                  | RAM Size                         | 512 x 8                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                                                      | Program Memory Size              | 16KB (16K x 8)                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                       | Cap Sense, POR, PWM, WDT                                                   | Packaging                        | Tube                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 24-SSOP (0.154", 3.90mm Width)                                             | Other Names                      | 336-1776-5<br>C8051F806GU                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                   | Internal                                                                   | Operating Temperature            | -40°C ~ 85°C (TA)                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                     | 17                                                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                                 | EEPROM Size                      | -                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                              | 8051 C8051F80x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 24-QSOP | Data Converters                  | -                                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-Bit                                                                      | Core Processor                   | 8051                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                      | SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                           | Base Part Number                 | C8051F80                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 67930 pieces of Energy Micro (Silicon Labs) C8051F806-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.<br>RFQ Email: info@Components-World.com |                                                                            |                                  |                                             |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                            |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">C8051F807-GUR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QSOP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F806-GUR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QSOP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F802-GUR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QSOP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F807-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F808-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F806-GM</a><br>Description: IC MCU 8BIT 16KB FLASH 20QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F806-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F802-GU</a><br>Description: IC MCU 8BIT 16KB FLASH 24QSOP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F803-GSR</a><br>Description: IC MCU 8BIT 16KB FLASH 16SOIC | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F809-GS</a><br>Description: IC MCU 8BIT 16KB FLASH 16SOIC  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F804-GSR</a><br>Description: IC MCU 8BIT 16KB FLASH 16SOIC | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F808-GUR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QSOP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C8051F805-GSR</a><br>Description: IC MCU 8BIT 16KB FLASH 16SOIC | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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Related keywords for C8051F806-GU

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|------------------------------------------|---------------------------|------------------------------------------|-----------------------------------|
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