

C8051F817-GSR



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SILICON LABS

Part Number: C8051F817-GSR

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB FLASH 16SOIC

Data sheet:  C8051F80x-83x

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                  |                                |                                |                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | C8051F817-GSR                  | Manufacturer                   | Energy Micro (Silicon Labs)                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                        | IC MCU 8BIT 8KB FLASH 16SOIC   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                 | 78844 pcs                      | Data sheet                     | C8051F80x-83x                                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                           | Integrated Circuits (ICs)      | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 3.6 V                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                            | 16-SOIC                        | Speed                          | 25MHz                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                             | C8051F81x                      | RAM Size                       | 512 x 8                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                          | Program Memory Size            | 8KB (8K x 8)                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                        | POR, PWM, Temp Sensor, WDT     | Packaging                      | Tape & Reel (TR)                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-SOIC (0.154", 3.90mm Width) | Oscillator Type                | Internal                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C (TA)              | Number of I/O                  | 13                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                   | 3 (168 Hours)                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                        | -                              | Detailed Description           | 8051 C8051F81x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 16-SOIC |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                    | A/D 12x10b                     | Core Size                      | 8-Bit                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                     | 8051                           | Connectivity                   | SMBus (2-Wire/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 78844 pieces of Energy Micro (Silicon Labs) C8051F817-GSR 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                                                                   |                                                                   |                                            |     |
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|  | Part#: C8051F818-GMR<br>Description: IC MCU 8BIT 8KB FLASH 20QFN  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F820-GMR<br>Description: IC MCU 8BIT 8KB FLASH 20QFN  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F818-GU<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F818-GUR<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F814-GMR<br>Description: IC MCU 8BIT 8KB FLASH 20QFN  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F820-GM<br>Description: IC MCU 8BIT 8KB FLASH 20QFN   | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F819-GU<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F819-GM<br>Description: IC MCU 8BIT 8KB FLASH 20QFN   | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
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|  | Part#: C8051F819-GUR<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F813-GUR<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
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|  | Part#: C8051F816-GS<br>Description: IC MCU 8BIT 8KB FLASH 16SOIC  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F815-GSR<br>Description: IC MCU 8BIT 8KB FLASH 16SOIC | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F814-GUR<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F814-GU<br>Description: IC MCU 8BIT 8KB FLASH 24QSOP  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  | Part#: C8051F817-GS<br>Description: IC MCU 8BIT 8KB FLASH 16SOIC  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
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Related keywords for C8051F817-GSR

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