



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

C8051F389-GMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F389-GMR                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 64KB FLASH 32QFN                                                                                 |
|                     |  1.C8051F389-GMR.pdf        |
|                     |  2.C8051F389-GMR.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 50647 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

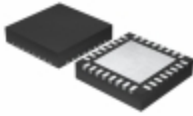
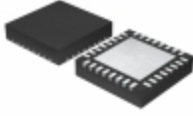
Specifications of C8051F389-GMR

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F389-GMR                                                                                                                                                                                                      |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 32QFN                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 50647 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.C8051F389-GMR.pdf<br> 2.C8051F389-GMR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.25 V                                                                                                                                                                                                     |
| SPEED                            | 48 MIPS                                                                                                                                                                                                            |
| SERIES                           | C8051F38x                                                                                                                                                                                                          |
| RAM SIZE                         | 4.25K x 8                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                                                                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | 8051 C8051F38x Microcontroller IC 8-Bit 48 MIPS 64KB (64K x 8) FLASH                                                                                                                                               |
| DATA CONVERTERS                  | A/D 21x10b                                                                                                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                               |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI, UART/USART                                                                                                                                                                                  |
| BASE PART NUMBER                 | C8051F38                                                                                                                                                                                                           |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F389-GMR | C8051F389-GMR Distributor            | C8051F389-GMR Supplier                        |
| C8051F389-GMR Price                       | C8051F389-GMR Pictures               | C8051F389-GMR Image                           |
| C8051F389-GMR PDF Datasheet               | C8051F389-GMR Download Datasheet     | C8051F389-GMR Datasheet                       |
| C8051F389-GMR Stock                       | Buy C8051F389-GMR                    | Buy Energy Micro (Silicon Labs) C8051F389-GMR |
| Energy Micro (Silicon Labs) C8051F389-GMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F389-GMR | Energy Micro C8051F389-GMR           | Energy Micro (Silicon Labs) C8051F389-GMR     |
| Silicon Laboratories C8051F389-GMR        | Silicon Labs C8051F389-GMR           |                                               |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F389-B-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 48441 pcs</div> <div>RFQ</div> |  <div><b>C8051F389-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 33081 pcs</div> <div>RFQ</div>    |
|  <div><b>C8051F389-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 49564 pcs</div> <div>RFQ</div>  |  <div><b>C8051F38A-B-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 58751 pcs</div> <div>RFQ</div> |
|  <div><b>C8051F38A-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 52593 pcs</div> <div>RFQ</div>   |  <div><b>C8051F389-B-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 49379 pcs</div> <div>RFQ</div>  |
|  <div><b>C8051F388-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 48TQFP<br/>In stock: 34823 pcs</div> <div>RFQ</div>   |  <div><b>C8051F38A-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 38764 pcs</div> <div>RFQ</div>    |
|  <div><b>C8051F388-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 48TQFP<br/>In stock: 52258 pcs</div> <div>RFQ</div>    |  <div><b>C8051F389-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 46387 pcs</div> <div>RFQ</div>   |
|  <div><b>C8051F389-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 48483 pcs</div> <div>RFQ</div>   |  <div><b>C8051F38A-B-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 44634 pcs</div> <div>RFQ</div>  |