



C8051F707-GMR

|                     |                                       |
|---------------------|---------------------------------------|
| Part Number:        | C8051F707-GMR                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)           |
| Product description | IC MCU 8BIT 16KB FLASH 48QFN          |
| Datasheets:         | <a href="#">PDF C8051F707-GMR.pdf</a> |
| RoHs Status         | Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                 |

REQUEST FOR QUOTATION

Specifications of C8051F707-GMR

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F707-GMR                                                                   |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                     |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 48QFN                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| DATA SHEET                       | <a href="#">PDF C8051F707-GMR.pdf</a>                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                   |
| SUPPLIER DEVICE PACKAGE          | 48-QFN (7x7)                                                                    |
| SPEED                            | 25MHz                                                                           |
| SERIES                           | C8051F70x                                                                       |
| RAM SIZE                         | 512 x 8                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                           |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                  |
| PERIPHERALS                      | Cap Sense, POR, PWM, WDT                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                            |
| OTHER NAMES                      | 336-4448-2<br>C8051F707-GMR-ND                                                  |
| OSCILLATOR TYPE                  | Internal                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                               |
| NUMBER OF I/O                    | 39                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| EEPROM SIZE                      | -                                                                               |
| DETAILED DESCRIPTION             | 8051 C8051F70x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 48-QFN (7x7) |
| DATA CONVERTERS                  | -                                                                               |
| CORE SIZE                        | 8-Bit                                                                           |
| CORE PROCESSOR                   | 8051                                                                            |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                             |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F707-GMR | C8051F707-GMR Distributor            | C8051F707-GMR Supplier                        |
| C8051F707-GMR Price                       | C8051F707-GMR Pictures               | C8051F707-GMR Image                           |
| C8051F707-GMR PDF Datasheet               | C8051F707-GMR Download Datasheet     | C8051F707-GMR Datasheet                       |
| C8051F707-GMR Stock                       | Buy C8051F707-GMR                    | Buy Energy Micro (Silicon Labs) C8051F707-GMR |
| Energy Micro (Silicon Labs) C8051F707-GMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F707-GMR | Energy Micro C8051F707-GMR           | Energy Micro (Silicon Labs) C8051F707-GMR     |
| Silicon Laboratories C8051F707-GMR        | Silicon Labs C8051F707-GMR           |                                               |

Related Products

|                                                                                                                                                              |                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>C8051F709-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>C8051F707-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br/>In stock: 500 pcs</p> <p>RFQ</p>   |
| <p><b>C8051F707-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>C8051F708-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |
| <p><b>C8051F709-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>C8051F706-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>C8051F707-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>C8051F706-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>C8051F705-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 15KB FLASH 48TQFP<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>C8051F706-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br/>In stock: 262 pcs</p> <p>RFQ</p>    |
| <p><b>C8051F708-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>C8051F706-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |