



Energy Micro (Silicon Labs)

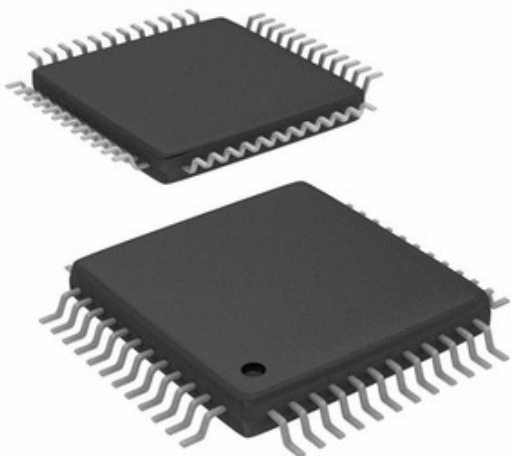


Image may be representation. See specifications for product details.

C8051F706-GQR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F706-GQR                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 16KB FLASH 48TQFP                                                                                |
| Datasheets:         |  C8051F706-GQR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 43599 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

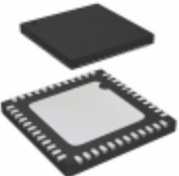
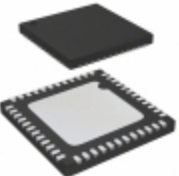
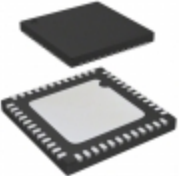
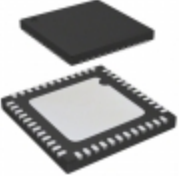
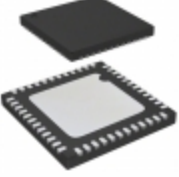
Specifications of C8051F706-GQR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F706-GQR                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 48TQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 43599 pcs                                                                                             |
| DATA SHEET                       |  C8051F706-GQR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-QFP (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, Temp Sensor, WDT                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 48-TQFP                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 39                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| 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-QFP (7x7)                       |
| DATA CONVERTERS                  | A/D 12x10b                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                 |
| CORE PROCESSOR                   | 8051                                                                                                  |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                   |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F706-GQR | C8051F706-GQR Distributor            | C8051F706-GQR Supplier                        |
| C8051F706-GQR Price                       | C8051F706-GQR Pictures               | C8051F706-GQR Image                           |
| C8051F706-GQR PDF Datasheet               | C8051F706-GQR Download Datasheet     | C8051F706-GQR Datasheet                       |
| C8051F706-GQR Stock                       | Buy C8051F706-GQR                    | Buy Energy Micro (Silicon Labs) C8051F706-GQR |
| Energy Micro (Silicon Labs) C8051F706-GQR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F706-GQR | Energy Micro C8051F706-GQR           | Energy Micro (Silicon Labs) C8051F706-GQR     |
| Silicon Laboratories C8051F706-GQR        | Silicon Labs C8051F706-GQR           |                                               |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>C8051F708-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 64TQFP<br/>In stock: 6975 pcs</div><div>RFQ</div></div>   | <div><div><b>C8051F705-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 15KB FLASH 48TQFP<br/>In stock: 40656 pcs</div><div>RFQ</div></div> |
| <div><div><b>C8051F706-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 38059 pcs</div><div>RFQ</div></div>  | <div><div><b>C8051F707-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 31944 pcs</div><div>RFQ</div></div>   |
| <div><div><b>C8051F706-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 24284 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F707-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br/>In stock: 40303 pcs</div><div>RFQ</div></div> |
| <div><div><b>C8051F705-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 15KB FLASH 48QFN<br/>In stock: 35892 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F708-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 64TQFP<br/>In stock: 6199 pcs</div><div>RFQ</div></div>   |
| <div><div><b>C8051F705-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 15KB FLASH 48TQFP<br/>In stock: 42719 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F706-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br/>In stock: 35201 pcs</div><div>RFQ</div></div>  |
| <div><div><b>C8051F707-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 47835 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F707-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br/>In stock: 45526 pcs</div><div>RFQ</div></div>  |