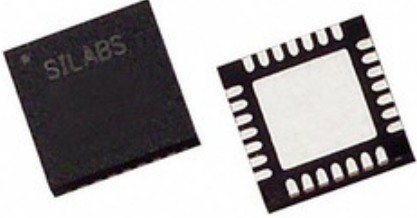




Energy Micro (Silicon Labs)



C8051F311-GMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F311-GMR                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 16KB FLASH 28QFN                                                                                 |
| Datasheets:         |  C8051F311-GMR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

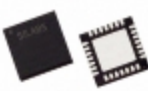
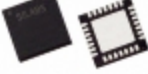
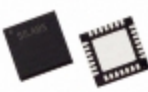
Specifications of C8051F311-GMR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F311-GMR                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 28QFN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  C8051F311-GMR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (5x5)                                                                                          |
| SPEED                            | 25MHz                                                                                                 |
| SERIES                           | C8051F31x                                                                                             |
| RAM SIZE                         | 1.25K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                        |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 28-VFQFN Exposed Pad                                                                                  |
| OTHER NAMES                      | C8051F311-GMR-ND<br>C8051F311-GMRTR                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 25                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | -                                                                                                     |
| DETAILED DESCRIPTION             | 8051 C8051F31x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 28-QFN (5x5)                       |
| DATA CONVERTERS                  | A/D 17x10b                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                 |
| CORE PROCESSOR                   | 8051                                                                                                  |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                   |
| BASE PART NUMBER                 | C8051F31                                                                                              |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F311-GMR | C8051F311-GMR Distributor            | C8051F311-GMR Supplier                        |
| C8051F311-GMR Price                       | C8051F311-GMR Pictures               | C8051F311-GMR Image                           |
| C8051F311-GMR PDF Datasheet               | C8051F311-GMR Download Datasheet     | C8051F311-GMR Datasheet                       |
| C8051F311-GMR Stock                       | Buy C8051F311-GMR                    | Buy Energy Micro (Silicon Labs) C8051F311-GMR |
| Energy Micro (Silicon Labs) C8051F311-GMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F311-GMR | Energy Micro C8051F311-GMR           | Energy Micro (Silicon Labs) C8051F311-GMR     |
| Silicon Laboratories C8051F311-GMR        | Silicon Labs C8051F311-GMR           |                                               |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F311R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>C8051F310DK-K</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051F310/F311<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>C8051F310DK-U</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051F310/F311<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>C8051F312</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>C8051F312-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F311</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>C8051F310DK-T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051F310/F311<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>C8051F313</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>C8051F312-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>C8051F311-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>C8051F313-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 28QFN<br/>In stock: 233 pcs<br/>RFQ</div>     |  <div><b>C8051F310R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>  |