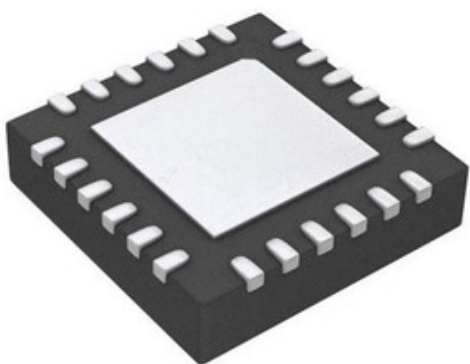




Energy Micro (Silicon Labs)



C8051F931-GM

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F931-GM                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                        |
| Product description | IC MCU 8BIT 64KB FLASH 24QFN                                                                                       |
| Datasheets:         |  <a href="#">C8051F931-GM.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant       |
| Stock Condition     | 5046 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

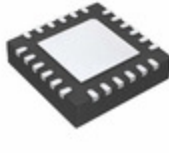
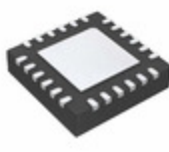
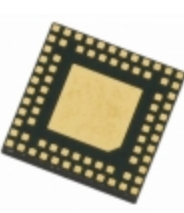
Specifications of C8051F931-GM

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F931-GM                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 24QFN                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE               | 5046 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">C8051F931-GM.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 0.9 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (4x4)                                                                                                         |
| SPEED                            | 25MHz                                                                                                                |
| SERIES                           | C8051F9xx                                                                                                            |
| 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                        | Tray                                                                                                                 |
| PACKAGE / CASE                   | 24-WFQFN Exposed Pad                                                                                                 |
| OTHER NAMES                      | 336-1468<br>C8051F931GM                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                    |
| NUMBER OF I/O                    | 16                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| EEPROM SIZE                      | -                                                                                                                    |
| DETAILED DESCRIPTION             | 8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 24-QFN (4x4)                                      |
| DATA CONVERTERS                  | A/D 15x10b                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                                 |
| CONNECTIVITY                     | SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                                                                     |
| BASE PART NUMBER                 | C8051F93                                                                                                             |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F931-GM | C8051F931-GM Distributor             | C8051F931-GM Supplier                        |
| C8051F931-GM Price                       | C8051F931-GM Pictures                | C8051F931-GM Image                           |
| C8051F931-GM PDF Datasheet               | C8051F931-GM Download Datasheet      | C8051F931-GM Datasheet                       |
| C8051F931-GM Stock                       | Buy C8051F931-GM                     | Buy Energy Micro (Silicon Labs) C8051F931-GM |
| Energy Micro (Silicon Labs) C8051F931-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F931-GM | Energy Micro C8051F931-GM            | Energy Micro (Silicon Labs) C8051F931-GM     |
| Silicon Laboratories C8051F931-GM        | Silicon Labs C8051F931-GM            |                                              |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>C8051F931-G-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 24QFN<br/>In stock: 63491 pcs</div><div>RFQ</div></div>   | <div><div><b>C8051F960-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 76DQFN<br/>In stock: 3758 pcs</div><div>RFQ</div></div> |
| <div><div><b>C8051F960-A-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 80TQFP<br/>In stock: 5631 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F960-A-DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEVELOPMENT C8051F96X<br/>In stock: 765 pcs</div><div>RFQ</div></div>        |
| <div><div><b>C8051F931-G-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 24QFN<br/>In stock: 56977 pcs</div><div>RFQ</div></div>  | <div><div><b>C8051F931-F-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 24QFN<br/>In stock: 5085 pcs</div><div>RFQ</div></div>    |
| <div><div><b>C8051F931-F-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 24QFN<br/>In stock: 4499 pcs</div><div>RFQ</div></div>   | <div><div><b>C8051F930-TB-K</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD TARGET/PROTO W/C8051F930<br/>In stock: 1664 pcs</div><div>RFQ</div></div>  |
| <div><div><b>C8051F931-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 24QFN<br/>In stock: 5939 pcs</div><div>RFQ</div></div>     | <div><div><b>C8051F930DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV C8051F920,F921,F930,F931<br/>In stock: 1049 pcs</div><div>RFQ</div></div>   |
| <div><div><b>C8051F960-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 76DQFN<br/>In stock: 4127 pcs</div><div>RFQ</div></div>  | <div><div><b>C8051F960-A-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 80TQFP<br/>In stock: 6232 pcs</div><div>RFQ</div></div>  |