

C8051F930-GQ



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**Part Number:** [C8051F930-GQ](#)

**Manufacturer:** [Energy Micro \(Silicon Labs\)](#)

**Description:** IC MCU 8BIT 64KB FLASH 32LQFP

**Data sheet:**  [C8051F93x/92x](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

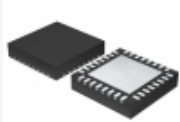
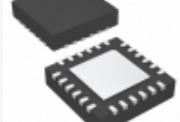
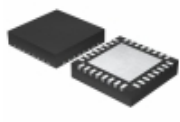
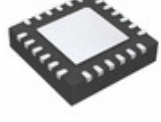
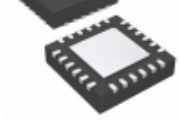
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER              |                                                                                  |                                  |                                             |
|--------------------------------|----------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                    | C8051F930-GQ                                                                     | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a> |
| Description                    | IC MCU 8BIT 64KB FLASH 32LQFP                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                  |
| Quantity Available             | 5864 pcs                                                                         | Data sheet                       | <a href="#">C8051F93x/92x</a>               |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - Supply (Vcc/Vdd)       | 0.9 V ~ 3.6 V                               |
| Supplier Device Package        | 32-LQFP (7x7)                                                                    | 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                 | 32-LQFP                                                                          | Other Names                      | 336-1466<br>C8051F930GQ                     |
| Oscillator Type                | Internal                                                                         | Operating Temperature            | -40°C ~ 85°C (TA)                           |
| Number of I/O                  | 24                                                                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                               |
| 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 32-LQFP (7x7) | Data Converters                  | A/D 23x10b                                  |
| Core Size                      | 8-Bit                                                                            | Core Processor                   | 8051                                        |
| Connectivity                   | SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                                 | Base Part Number                 | C8051F93                                    |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                      |                                                            |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">C8051F931-GM</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-GMR</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F931-F-GM</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F931-G-GM</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-GDI</a><br>Description: IC MCU 8BIT 64KB FLASH DIE      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-G-GMR</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-TB-K</a><br>Description: BOARD TARGET/PROTO W/C8051F930 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-G-QQR</a><br>Description: IC MCU 8BIT 64KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-GM</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F931-F-GMR</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-G-GQ</a><br>Description: IC MCU 8BIT 64KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-GQR</a><br>Description: IC MCU 8BIT 64KB FLASH 32LQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-G-GM</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-F-GQR</a><br>Description: IC MCU 8BIT 64KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F931-GMR</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930DK</a><br>Description: KIT DEV C8051F920,F921,F930,F931  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F931-G-GMR</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-G-GDI</a><br>Description: IC MCU 8BIT 64KB FLASH DIE    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F930-F-GQ</a><br>Description: IC MCU 8BIT 64KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F960-A-DK</a><br>Description: KIT DEVELOPMENT C8051F96X      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |

| Related keywords for C8051F930-GQ        |                           |                                          |                                   |
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