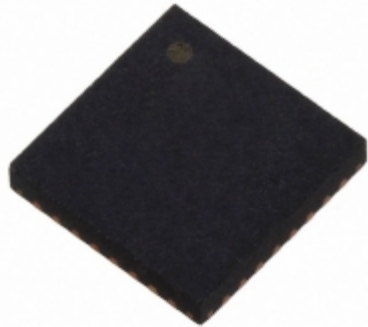


C8051F920-G-GMR



**SILICON LABS**

**Part Number:** [C8051F920-G-GMR](#)

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

**Description:** IC MCU 8BIT 32KB FLASH 32QFN

**Data sheet:**  [C8051F93x-C8051F92x](#)

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

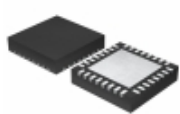
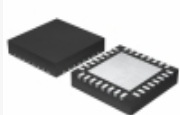
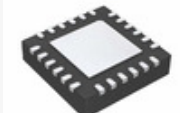
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy C8051F920-G-GMR with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                    |                                 |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | C8051F920-G-GMR                                                    | Manufacturer                    | <a href="#">Energy Micro (Silicon Labs)</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 8BIT 32KB FLASH 32QFN                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 77000 pcs                                                          | Data sheet                      | <a href="#">C8051F93x-C8051F92x</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)      | 0.9 V ~ 3.6 V                                      |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 25MHz                                                              | Series                          | C8051F9xx                                          |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.25K x 8                                                          | Program Memory Type             | FLASH                                              |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 32KB (32K x 8)                                                     | Peripherals                     | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cut Tape (CT)                                                      | Package / Case                  | 32-VFQFN Exposed Pad                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 336-4824-1                                                         | Oscillator Type                 | Internal                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                                                  | Number of I/O                   | 24                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                                                      | Manufacturer Standard Lead Time | 6 Weeks                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                                         | EEPROM Size                     | -                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH | Data Converters                 | A/D 23x10b                                         |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-Bit                                                              | Core Processor                  | 8051                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                   |                                 |                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 77000 pieces of Energy Micro (Silicon Labs) C8051F920-G-GMR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                    |                                 |                                                    |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                            |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">C8051F920-GMR</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F912DK</a><br>Description: KIT DEV FOR C8051F91X/C8051F90X   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F912-GUR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QSOP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-F-GMR</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-G-GM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F921-F-GM</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-GQ</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-G-GQ</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F921-F-GMR</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-F-GQR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-F-GM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F912-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F912-GU</a><br>Description: IC MCU 8BIT 16KB FLASH 24QSOP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-GQR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-F-GQ</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-GM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F921-G-GMR</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F912-TB-K</a><br>Description: EVAL BOARD C8051F912           | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F920-G-GQR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F921-G-GM</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |

Related keywords for **C8051F920-G-GMR**

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