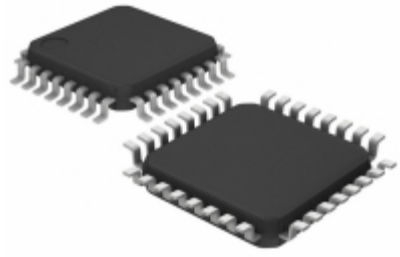


C8051F560-IQ



**SILICON LABS**

**Part Number:** [C8051F560-IQ](#)

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

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

**Data sheet:**  [C8051F55x, 56x, 57x Errata](#)  
 [C8051F55x, 56x, 57x Datasheet](#)

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

**Ship From:** Hong Kong

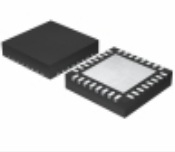
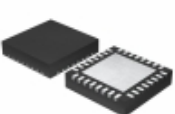
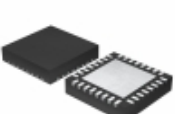
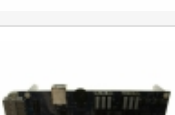
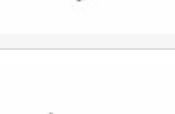
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy C8051F560-IQ with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER               |                                           |                                  |                                                                                             |
|---------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                     | C8051F560-IQ                              | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                                 |
| Description                     | IC MCU 8BIT 32KB FLASH 32LQFP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| Quantity Available              | 26951 pcs                                 | Data sheet                       | <a href="#">C8051F55x, 56x, 57x Errata</a><br><a href="#">C8051F55x, 56x, 57x Datasheet</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.25 V                                                                              |
| Supplier Device Package         | 32-QFP (7x7)                              | Speed                            | 50MHz                                                                                       |
| Series                          | C8051F56x                                 | RAM Size                         | 2.25K x 8                                                                                   |
| Program Memory Type             | FLASH                                     | Program Memory Size              | 32KB (32K x 8)                                                                              |
| Peripherals                     | POR, PWM, Temp Sensor, WDT                | Packaging                        | Tray                                                                                        |
| Package / Case                  | 32-LQFP                                   | Other Names                      | 336-1693<br>C8051F560IQ                                                                     |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 125°C (TA)                                                                          |
| Number of I/O                   | 25                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                               |
| Manufacturer Standard Lead Time | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| EEPROM Size                     | -                                         | Detailed Description             | 8051 C8051F56x Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 32-QFP (7x7)             |
| Data Converters                 | A/D 25x12b                                | Core Size                        | 8-Bit                                                                                       |
| Core Processor                  | 8051                                      | Connectivity                     | SMBus (2-Wire/I <sup>2</sup> C), CANbus, LINbus, SPI, UART/USART                            |
| Base Part Number                | C8051F56                                  |                                  |                                                                                             |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 26951 pieces of Energy Micro (Silicon Labs) C8051F560-IQ in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                    |                                                            |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">C8051F560DK</a><br>Description: KIT DEVELOPMENT FOR C8051F560   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F562-IM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F561-IM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F562-IMR</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F554-IM</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F556-IMR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F560-IQR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F557-IM</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F561-IQR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F561-IMR</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F556-IM</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F555-IMR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F554-IMR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F560-IMR</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F560-TB-K</a><br>Description: BOARD PROTOTYPE W/C8051F560  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F562-IQ</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F555-IM</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN   | Manufacturers: <a href="#">Silicon Labs</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F557-IMR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F560-IM</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F561-IQ</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

Related keywords for C8051F560-IQ

|                                          |                           |                                          |                                   |
|------------------------------------------|---------------------------|------------------------------------------|-----------------------------------|
| Energy Micro (Silicon Labs) C8051F560-IQ | C8051F560-IQ distributor  | C8051F560-IQ supplier                    | C8051F560-IQ price                |
| C8051F560-IQ download datasheet          | C8051F560-IQ datasheet    | C8051F560-IQ stock                       | buy C8051F560-IQ                  |
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