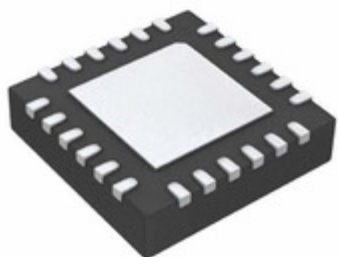


C8051F550-IMR



**SILICON LABS**

**Part Number:** [C8051F550-IMR](#)

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

**Description** IC MCU 8BIT 32KB FLASH 24QFN

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

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

**Ship From:** Hong Kong

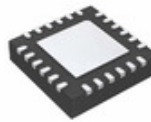
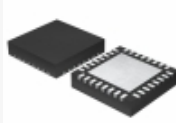
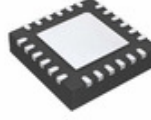
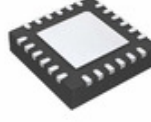
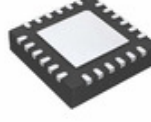
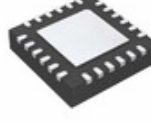
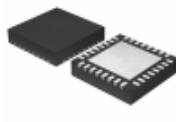
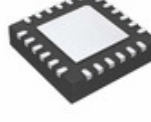
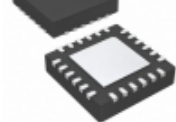
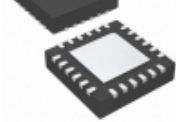
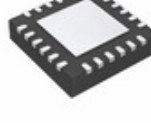
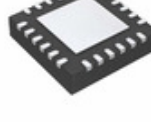
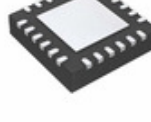
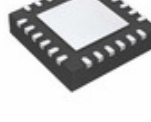
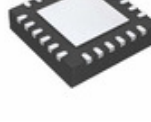
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
**Buy C8051F550-IMR with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                |                                                                                 |                                 |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                      | C8051F550-IMR                                                                   | Manufacturer                    | <a href="#">Energy Micro (Silicon Labs)</a>                                                 |
| Description                      | IC MCU 8BIT 32KB FLASH 24QFN                                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                  |
| Quantity Available               | 30540 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          | 24-QFN (4x4)                                                                    | Speed                           | 50MHz                                                                                       |
| Series                           | C8051F55x                                                                       | RAM Size                        | 2.25K x 8                                                                                   |
| Program Memory Type              | FLASH                                                                           | Program Memory Size             | 32KB (32K x 8)                                                                              |
| Peripherals                      | POR, PWM, Temp Sensor, WDT                                                      | Packaging                       | Tape & Reel (TR)                                                                            |
| Package / Case                   | 24-WFQFN Exposed Pad                                                            | Oscillator Type                 | Internal                                                                                    |
| Operating Temperature            | -40°C ~ 125°C (TA)                                                              | Number of I/O                   | 18                                                                                          |
| 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 C8051F55x Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 24-QFN (4x4) | Data Converters                 | A/D 18x12b                                                                                  |
| Core Size                        | 8-Bit                                                                           | Core Processor                  | 8051                                                                                        |
| Connectivity                     | SMBus (2-Wire/I <sup>2</sup> C), CANbus, LINbus, 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 30540 pieces of Energy Micro (Silicon Labs) C8051F550-IMR 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="#">C8051F553-IM</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F545-IMR</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F554-IM</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F545-IQR</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F551-IMR</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F546-IM</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F552-IMR</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F551-IM</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F545-IM</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F546-IMR</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F555-IM</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN  | Manufacturers: <a href="#">Silicon Labs</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F550-IM</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F547-IM</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN   | Manufacturers: <a href="#">Silicon Labs</a>                | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C8051F555-IMR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F552-IM</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F545-IQ</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F553-IMR</a><br>Description: IC MCU 8BIT 32KB FLASH 24QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C8051F544-IQR</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |

Related keywords for **C8051F550-IMR**

|                                           |                            |                                           |                                    |
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| Energy Micro (Silicon Labs) C8051F550-IMR | C8051F550-IMR distributor  | C8051F550-IMR supplier                    | C8051F550-IMR price                |
| C8051F550-IMR download datasheet          | C8051F550-IMR datasheet    | C8051F550-IMR stock                       | buy C8051F550-IMR                  |
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| Silicon Labs C8051F550-IMR                |                            |                                           |                                    |