

C8051F124



SILICON LABS



SILICON LABS

Part Number: [C8051F124](#)

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

Description IC MCU 8BIT 128KB FLASH 100TQFP

Data sheet:  [C8051F120-27/130-33](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy C8051F124 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |                                |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | C8051F124                                          | Manufacturer                   | <a href="#">Energy Micro (Silicon Labs)</a>                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 8BIT 128KB FLASH 100TQFP                    | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 5443 pcs                                           | Data sheet                     | <a href="#">C8051F120-27/130-33</a>                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>          | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 3.6 V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 100-TQFP (14x14)                                   | Speed                          | 50MHz                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | C8051F12x                                          | RAM Size                       | 8.25K x 8                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                              | Program Memory Size            | 128KB (128K x 8)                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT | Packaging                      | Tray                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 100-TQFP                                           | Oscillator Type                | Internal                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                  | Number of I/O                  | 64                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                      | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                  | Detailed Description           | 8051 C8051F12x Microcontroller IC 8-Bit 50MHz 128KB (128K x 8) FLASH 100-TQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 8x8b, 8x12b; D/A 2x12b                         | Core Size                      | 8-Bit                                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                | 8051                                               | Connectivity                   | EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | C8051F12                                           |                                |                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 5443 pieces of Energy Micro (Silicon Labs) C8051F124 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: info@Components-World.com |                                                    |                                |                                                                                       |

| RELATED PRODUCTS                                                                                           |                                                                                      |                                                            |                |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F122R</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124DK-H</a><br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124DK-T</a><br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124-GQ</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124-GQR</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F122-GQR</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124DK-K</a><br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F123-GQ</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F123R</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F121R</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F123-GQR</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F122</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F123</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F122-GQ</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F121-GQR</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124DK-A</a><br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124DK-E</a><br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124-TB</a><br>Description: BOARD PROTOTYPING W/C8051F124    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124DK-J</a><br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  <div>SILICON LABS</div> | Part#: <a href="#">C8051F124DK-B</a><br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

| Related keywords for C8051F124        |                        |                                       |                                |
|---------------------------------------|------------------------|---------------------------------------|--------------------------------|
| Energy Micro (Silicon Labs) C8051F124 | C8051F124 distributor  | C8051F124 supplier                    | C8051F124 price                |
| C8051F124 download datasheet          | C8051F124 datasheet    | C8051F124 stock                       | buy C8051F124                  |
| Energy Micro (Silicon Labs) C8051F124 | Energy Micro C8051F124 | Energy Micro (Silicon Labs) C8051F124 | Silicon Laboratories C8051F124 |
| Silicon Labs C8051F124                |                        |                                       |                                |