



**C8051F520A-IM**

|                                 |  |
|---------------------------------|--|
| Manufacturer Part Number:       | C8051F520A-IM                                |
| Manufacturer / Brand            | Energy Micro (Silicon Labs)                  |
| Part of Description:            | IC MCU 8BIT 8KB FLASH 10DFN                  |
| Datasheets:                     | C8051F520A-IM(1).pdf<br>C8051F520A-IM(2).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant                   |
| Stock Condition:                | New original, 100 pcs Stock Available.       |
| Ship From:                      | Hong Kong                                    |
| Shipment Way:                   | DHL/Fedex/TNT/UPS                            |

**GET A QUOTE**

**C8051F520A-IM** 100% New Original 100pcs in Stock, Find C8051F520A-IM Price, Stock, datasheet at IC Components Ltd Online, buy C8051F520A-IM Energy Micro (Silicon Labs) with warrantied. 100% guarantee confidence. RFQ C8051F520A-IM: [Info@IC-Components.com](mailto:Info@IC-Components.com)

The specifications of C8051F520A-IM

|                            |  |                                  |   |
|----------------------------|--|----------------------------------|---|
| Part Number                | C8051F520A-IM                                      | Manufacturer / Brand             | Energy Micro (Silicon Labs)   |
| Series                     | C8051F52x  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)   |
| Base Part Number           | C8051F52   | Package / Case                   | 10-VDFN Exposed Pad   |
| Packaging                  | Tube   | Supplier Device Package          | 10-DFN (3x3)  |
| Operating Temperature      | -40°C ~ 125°C (TA)                                 | Detailed Description             | 8051 C8051F52x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 10-DFN (3x3) |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT | Core Processor                   | 8051  |
| Speed                      | 25MHz  | Number of I/O                    | 6   |
| EEPROM Size                | -  | RAM Size                         | 256 x 8   |
| Core Size                  | 8-Bit  | Connectivity                     | LINbus, SPI, UART/USART   |
| Program Memory Size        | 8KB (8K x 8)                                       | Program Memory Type              | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 5.25 V                                     | Data Converters                  | A/D 6x12b   |
| Oscillator Type            | Internal   | Other Names                      | 336-1484-5<br>C8051F520AIM  |
| Stock Quantity             | 100 pcs Stock                                      | Category                         | <a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>    |
| Description                | IC MCU 8BIT 8KB FLASH 10DFN                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |

Keywords related to C8051F520A-IM

|   |  |   |   |
|---|--|---|---|
| <a href="#">Energy Micro (Silicon Labs) C8051F520A-IM</a> | <a href="#">C8051F520A-IM part</a>                       | <a href="#">C8051F520A-IM Price</a>                       | <a href="#">C8051F520A-IM Distributor</a>   |
| <a href="#">C8051F520A-IM Technical</a>                   | <a href="#">C8051F520A-IM Stock</a>                      | <a href="#">C8051F520A-IM Inventory</a>                   | <a href="#">C8051F520A-IM Supplier</a>      |
| <a href="#">C8051F520A-IM Online Order</a>                | <a href="#">C8051F520A-IM Inquiry</a>                    | <a href="#">C8051F520A-IM Image</a>                       | <a href="#">C8051F520A-IM Picture</a>       |
| <a href="#">C8051F520A-IM pdf</a>                         | <a href="#">C8051F520A-IM datasheet</a>                  | <a href="#">C8051F520A-IM data sheet</a>                  | <a href="#">C8051F520A-IM pdf datasheet</a> |
| <a href="#">Download C8051F520A-IM datasheet</a>          | <a href="#">Energy Micro (Silicon Labs) Manufacturer</a> | <a href="#">Energy Micro (Silicon Labs) C8051F520A-IM</a> | <a href="#">Energy Micro C8051F520A-IM</a>  |
| <a href="#">Energy Micro (Silicon Labs) C8051F520A-IM</a> | <a href="#">Silicon Laboratories C8051F520A-IM</a>       | <a href="#">Silicon Labs C8051F520A-IM</a>                |   |

You May Be Also Be interested In:

|  |   |  |
|--|---|--|
| <br><b>C8051F527A</b><br>Description: C8051F527A SILICON QFN<br>Manufacturers: SILICON<br>In Stock: New original, 5200 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                               | <br><b>C8051F392-A-GMR</b><br>Description: IC MCU 8BIT 16KB FLASH 20QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 9100 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/> | <br><b>C8051F501-IQR</b><br>Description: IC MCU 8BIT 64KB FLASH 48TQFP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>  |
| <br><b>C8051F564-IQ</b><br>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   | <br><b>C8051F557-IMR</b><br>Description: IC MCU 8BIT 16KB FLASH 24QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 800 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>    | <br><b>C8051F591-IM</b><br>Description: IC MCU 8BIT 96KB FLASH 40QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 800 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>    |
| <br><b>C8051F531A</b><br>Description: C8051F531A SILICON TSOP<br>Manufacturers: SILICON<br>In Stock: New original, 3600 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                              | <br><b>C8051F410</b><br>Description: C8051F410 SILICON QFP<br>Manufacturers: SILICON<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                                   | <br><b>C8051F706-GQR</b><br>Description: IC MCU 8BIT 16KB FLASH 48TQFP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 1100 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/> |
| <br><b>C8051F530A-ITR</b><br>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 300 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/> | <br><b>C8051F410-GQR</b><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 56200 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/> | <br><b>C8051F413-GMR</b><br>Description: IC MCU 8BIT 16KB FLASH 28QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   |
| <br><b>C8051F530</b><br>Description: C8051F530 SILICON TSOP20<br>Manufacturers: SILICON<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                               | <br><b>C8051F500-IQR</b><br>Description: IC MCU 8BIT 64KB FLASH 48TQFP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 900 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   | <br><b>C8051F390-A-GMR</b><br>Description: IC MCU 8BIT 16KB FLASH 24QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 700 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/> |
| <br><b>C8051F523-IM</b><br>Description: IC MCU 8BIT 4KB FLASH 10DFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 1100 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>    | <br><b>C8051F530A</b><br>Description: C8051F530A SILICON TSSOP20<br>Manufacturers: SILICON<br>In Stock: New original, 200 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                             | <br><b>C8051F534-IM</b><br>Description: IC MCU 8BIT 4KB FLASH 20QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 700 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>     |
| <br><b>C8051F507-GQ</b><br>Description: C8051F507-GQ SILICON QFP32<br>Manufacturers: SILICON<br>In Stock: New original, 800 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                          | <br><b>C8051F620-GM</b><br>Description: C8051F620-GM SILICON QFN<br>Manufacturers: SILICON<br>In Stock: New original, 3800 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                            | <br><b>C8051F411-GMR</b><br>Description: IC MCU 8BIT 32KB FLASH 28QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 900 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   |
| <br><b>C8051F396-A-GM</b><br>Description: IC MCU 8BIT 8KB FLASH 20QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 200 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   | <br><b>C8051F531A-IM</b><br>Description: IC MCU 8BIT 8KB FLASH 20QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 3800 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>    | <br><b>C8051F501</b><br>Description: C8051F501 SILICON QFN<br>Manufacturers: SILICON<br>In Stock: New original, 1400 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>                                 |
| <br><b>C8051F410-GQ</b><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   | <br><b>C8051F411-GM</b><br>Description: IC MCU 8BIT 32KB FLASH 28QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 900 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>     | <br><b>C8051F540-IM</b><br>Description: IC MCU 8BIT 16KB FLASH 32QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 2900 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   |
| <br><b>C8051F500-IM</b><br>Description: IC MCU 8BIT 64KB FLASH 48QFN<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>    | <br><b>C8051F388-GQR</b><br>Description: IC MCU 8BIT 64KB FLASH 48TQFP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 200 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>   | <br><b>C8051F531A-IT</b><br>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br>Manufacturers: Energy Micro (Silicon Labs)<br>In Stock: New original, 800 pcs Stock Available.<br>Quote: <input type="text" value="RFQ"/>  |



**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
TEL: 00 852 - 30501935  
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong