

C8051F330-GM



SILICON LABS



SILICON LABS

Part Number: [C8051F330-GM](#)

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

Description: IC MCU 8BIT 8KB FLASH 20QFN

Data sheet:  [C8051F330-35](#)

RoHs Status: Lead free / RoHS Compliant

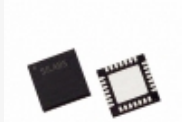
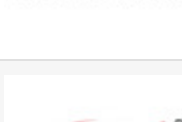
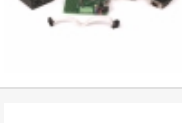
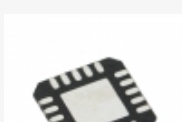
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy C8051F330-GM with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                               |                                  |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | C8051F330-GM                                                                  | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 8BIT 8KB FLASH 20QFN                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 24035 pcs                                                                     | Data sheet                       | <a href="#">C8051F330-35</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 3.6 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 20-MLP (4x4)                                                                  | Speed                            | 25MHz                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | C8051F33x                                                                     | RAM Size                         | 768 x 8                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                                                         | Program Memory Size              | 8KB (8K x 8)                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                       | POR, PWM, Temp Sensor, WDT                                                    | Packaging                        | Tube                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 20-VFQFN Exposed Pad                                                          | Other Names                      | 336-1262<br>C8051F330GM                     |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                   | Internal                                                                      | Operating Temperature            | -40°C ~ 85°C (TA)                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                     | 17                                                                            | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                                    | EEPROM Size                      | -                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                              | 8051 C8051F33x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 20-MLP (4x4) | Data Converters                  | A/D 16x10b; D/A 1x10b                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-Bit                                                                         | Core Processor                   | 8051                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                      | SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                              | Base Part Number                 | C8051F33                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 24035 pieces of Energy Micro (Silicon Labs) C8051F330-GM 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                                                                   |                                                                                     |                                                            |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">C8051F331</a><br>Description: IC MCU 8BIT 8KB FLASH 20MLP        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F321R</a><br>Description: IC MCU 8BIT 16KB FLASH 28MLP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F326-GDI</a><br>Description: IC MCU 8BIT 16KB FLASH DIE     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330D</a><br>Description: IC MCU 8BIT 8KB FLASH 20DIP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F326-TB</a><br>Description: BOARD PROTOTYPING W/C8051F326   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330DK</a><br>Description: DEV KIT FOR C8051F330/F331       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330-GMR</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F331-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330DK-U</a><br>Description: DEV KIT FOR C8051F330/F331     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330-GP</a><br>Description: IC MCU 8BIT 8KB FLASH 20DIP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330-GDI</a><br>Description: IC MCU 8BIT 8KB FLASH DIE      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F327-GM</a><br>Description: IC MCU 8BIT 16KB FLASH 28QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330</a><br>Description: IC MCU 8BIT 8KB FLASH 20MLP        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330-TB-K</a><br>Description: BOARD PROTOTYPING W/C8051F330 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F326-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 28QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F326DK</a><br>Description: KIT DEV FOR C8051F326/7          | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F326-GM</a><br>Description: IC MCU 8BIT 16KB FLASH 28QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330R</a><br>Description: IC MCU 8BIT 8KB FLASH 20MLP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F327-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 28QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F330P</a><br>Description: IC MCU 8BIT 8KB FLASH 24DIP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

Related keywords for **C8051F330-GM**

|                                          |                           |                                          |                                   |
|------------------------------------------|---------------------------|------------------------------------------|-----------------------------------|
| Energy Micro (Silicon Labs) C8051F330-GM | C8051F330-GM distributor  | C8051F330-GM supplier                    | C8051F330-GM price                |
| C8051F330-GM download datasheet          | C8051F330-GM datasheet    | C8051F330-GM stock                       | buy C8051F330-GM                  |
| Energy Micro (Silicon Labs) C8051F330-GM | Energy Micro C8051F330-GM | Energy Micro (Silicon Labs) C8051F330-GM | Silicon Laboratories C8051F330-GM |
| Silicon Labs C8051F330-GM                |                           |                                          |                                   |