



Energy Micro (Silicon Labs)



C8051F331-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F331-GM                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 8KB FLASH 20QFN                                                                                  |
| Datasheets:         |  C8051F331-GM.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

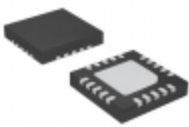
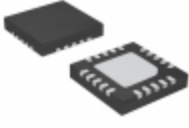
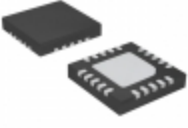
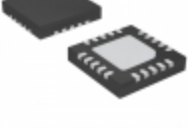
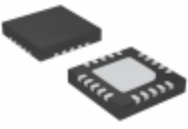
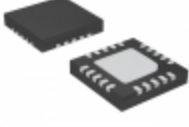
Specifications of C8051F331-GM

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F331-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20QFN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DATA SHEET                       |  C8051F331-GM.pdf |
| 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, WDT                                                                                        |
| PACKAGING                        | Tube                                                                                                 |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                 |
| OTHER NAMES                      | 336-1265<br>C8051F331GM                                                                              |
| 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                  | -                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                 |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                  |
| BASE PART NUMBER                 | C8051F33                                                                                             |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F331-GM | C8051F331-GM Distributor             | C8051F331-GM Supplier                        |
| C8051F331-GM Price                       | C8051F331-GM Pictures                | C8051F331-GM Image                           |
| C8051F331-GM PDF Datasheet               | C8051F331-GM Download Datasheet      | C8051F331-GM Datasheet                       |
| C8051F331-GM Stock                       | Buy C8051F331-GM                     | Buy Energy Micro (Silicon Labs) C8051F331-GM |
| Energy Micro (Silicon Labs) C8051F331-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F331-GM | Energy Micro C8051F331-GM            | Energy Micro (Silicon Labs) C8051F331-GM     |
| Silicon Laboratories C8051F331-GM        | Silicon Labs C8051F331-GM            |                                              |

Related Products

|                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F331-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F330R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20MLP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>C8051F333-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 541 pcs<br/>RFQ</div>    |  <div><b>C8051F333-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>C8051F332-GM</b><br/>Manufacturers: Silicon Labs<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 32 pcs<br/>RFQ</div>                    |  <div><b>C8051F330DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051F330/F331<br/>In stock: 3 pcs<br/>RFQ</div>        |
|  <div><b>C8051F330D</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20DIP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>C8051F331R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20MLP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>C8051F330DK-U</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051F330/F331<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>C8051F331</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20MLP<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>C8051F332-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F330P</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24DIP<br/>In stock: Out stock<br/>RFQ</div>    |