



C8051F331R

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F331R                                                                                                           |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                          |
| Product description | IC MCU 8BIT 8KB FLASH 20MLP                                                                                          |
| Datasheets:         |  C8051F331R.pdf                     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

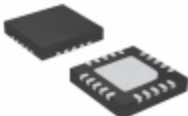
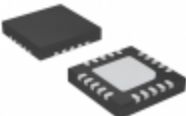
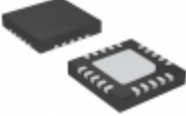
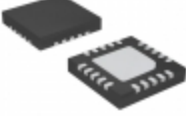
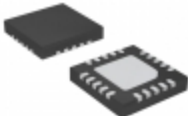
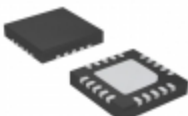
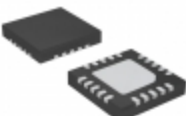
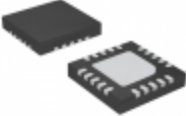
Specifications of C8051F331R

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F331R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20MLP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| DATA SHEET                       |  C8051F331R.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                        | Cut Tape (CT)                                                                                      |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                               |
| OTHER NAMES                      | 336-1070-1                                                                                         |
| 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   | Contains lead / RoHS non-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) C8051F331R | C8051F331R Distributor               | C8051F331R Supplier                        |
| C8051F331R Price                       | C8051F331R Pictures                  | C8051F331R Image                           |
| C8051F331R PDF Datasheet               | C8051F331R Download Datasheet        | C8051F331R Datasheet                       |
| C8051F331R Stock                       | Buy C8051F331R                       | Buy Energy Micro (Silicon Labs) C8051F331R |
| Energy Micro (Silicon Labs) C8051F331R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor    |
| Energy Micro (Silicon Labs) C8051F331R | Energy Micro C8051F331R              | Energy Micro (Silicon Labs) C8051F331R     |
| Silicon Laboratories C8051F331R        | Silicon Labs C8051F331R              |                                            |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F331-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 132 pcs<br/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></div>    |  <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/><div>RFQ</div></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/><div>RFQ</div></div>    |  <div><b>C8051F334-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>C8051F334-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: Out stock<br/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></div>     |
|  <div><b>C8051F332-GM</b><br/>Manufacturers: Silicon Labs<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 32 pcs<br/><div>RFQ</div></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/><div>RFQ</div></div>    |