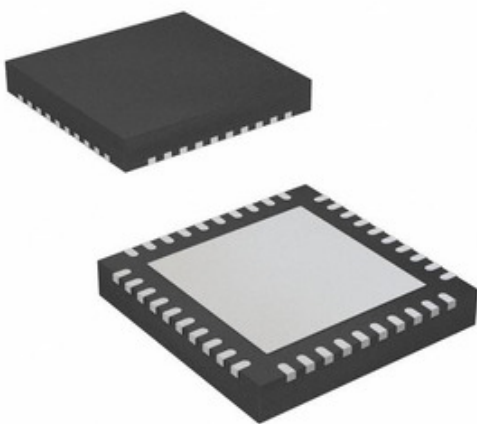




Energy Micro (Silicon Labs)



C8051F511-IMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F511-IMR                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 40QFN                                                                                 |
|                     | <a href="#">PDF</a> 1.C8051F511-IMR.pdf                                                                      |
|                     | <a href="#">PDF</a> 2.C8051F511-IMR.pdf                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

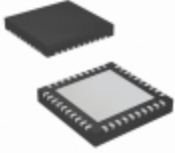
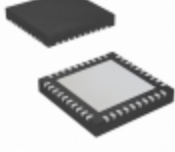
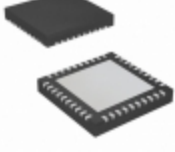
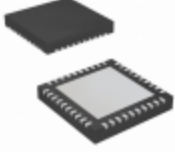
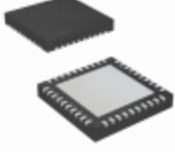
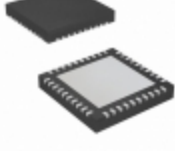
Specifications of C8051F511-IMR

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F511-IMR                                                                      |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40QFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| DATA SHEET                       | <a href="#">PDF</a> 1.C8051F511-IMR.pdf<br><a href="#">PDF</a> 2.C8051F511-IMR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.25 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 40-QFN (6x6)                                                                       |
| SPEED                            | 50MHz                                                                              |
| SERIES                           | C8051F51x                                                                          |
| RAM SIZE                         | 4.25K x 8                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                     |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                   |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                                               |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                 |
| NUMBER OF I/O                    | 33                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| EEPROM SIZE                      | -                                                                                  |
| DETAILED DESCRIPTION             | 8051 C8051F51x Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 40-QFN (6x6)    |
| DATA CONVERTERS                  | A/D 32x12b                                                                         |
| CORE SIZE                        | 8-Bit                                                                              |
| CORE PROCESSOR                   | 8051                                                                               |
| CONNECTIVITY                     | EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                          |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F511-IMR | C8051F511-IMR Distributor            | C8051F511-IMR Supplier                        |
| C8051F511-IMR Price                       | C8051F511-IMR Pictures               | C8051F511-IMR Image                           |
| C8051F511-IMR PDF Datasheet               | C8051F511-IMR Download Datasheet     | C8051F511-IMR Datasheet                       |
| C8051F511-IMR Stock                       | Buy C8051F511-IMR                    | Buy Energy Micro (Silicon Labs) C8051F511-IMR |
| Energy Micro (Silicon Labs) C8051F511-IMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F511-IMR | Energy Micro C8051F511-IMR           | Energy Micro (Silicon Labs) C8051F511-IMR     |
| Silicon Laboratories C8051F511-IMR        | Silicon Labs C8051F511-IMR           |                                               |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F520-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 10DFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>C8051F511-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 40QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>C8051F509-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 40QFN<br/>In stock: 50 pcs<br/><a href="#">RFQ</a></div>      |  <div><b>C8051F510-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 40QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>C8051F520A-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 10DFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>C8051F520-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 10DFN<br/>In stock: 102 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>C8051F520-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 10DFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>C8051F508-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 40QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>C8051F521-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 10DFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>C8051F509-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 40QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>C8051F510-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 40QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>C8051F520A-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 10DFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |