



C8051F551-IM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F551-IM                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 24QFN                                                                                 |
| Datasheets:         |  1.C8051F551-IM.pdf         |
|                     |  2.C8051F551-IM.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 22515 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

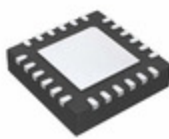
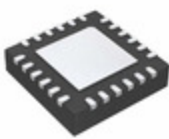
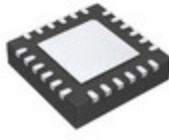
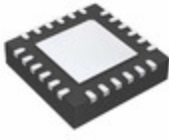
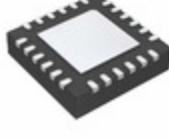
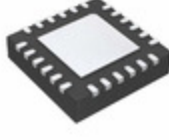
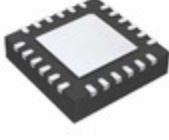
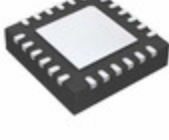
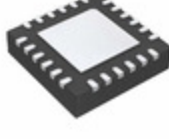
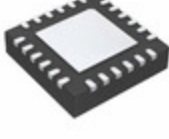
Specifications of C8051F551-IM

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F551-IM                                                                                           |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 24QFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 22515 pcs                                                                                              |
| DATA SHEET                       |  1.C8051F551-IM.pdf |
|                                  |  2.C8051F551-IM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.25 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (4x4)                                                                                           |
| SPEED                            | 50MHz                                                                                                  |
| SERIES                           | C8051F55x                                                                                              |
| RAM SIZE                         | 2.25K x 8                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                         |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                             |
| PACKAGING                        | Tube                                                                                                   |
| PACKAGE / CASE                   | 24-WFQFN Exposed Pad                                                                                   |
| OTHER NAMES                      | 336-1684-5<br>C8051F551IM                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                     |
| NUMBER OF I/O                    | 18                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | 8051 C8051F55x Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 24-QFN (4x4)                        |
| DATA CONVERTERS                  | A/D 18x12b                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                  |
| CORE PROCESSOR                   | 8051                                                                                                   |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), CANbus, SPI, UART/USART                                                            |
| BASE PART NUMBER                 | C8051F55                                                                                               |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F551-IM | C8051F551-IM Distributor             | C8051F551-IM Supplier                        |
| C8051F551-IM Price                       | C8051F551-IM Pictures                | C8051F551-IM Image                           |
| C8051F551-IM PDF Datasheet               | C8051F551-IM Download Datasheet      | C8051F551-IM Datasheet                       |
| C8051F551-IM Stock                       | Buy C8051F551-IM                     | Buy Energy Micro (Silicon Labs) C8051F551-IM |
| Energy Micro (Silicon Labs) C8051F551-IM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F551-IM | Energy Micro C8051F551-IM            | Energy Micro (Silicon Labs) C8051F551-IM     |
| Silicon Laboratories C8051F551-IM        | Silicon Labs C8051F551-IM            |                                              |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F546-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 24707 pcs<br/><div>RFQ</div></div>   |  <div><b>C8051F550-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 22584 pcs<br/><div>RFQ</div></div>  |
|  <div><b>C8051F554-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: 24571 pcs<br/><div>RFQ</div></div>  |  <div><b>C8051F553-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 24332 pcs<br/><div>RFQ</div></div>  |
|  <div><b>C8051F551-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 29979 pcs<br/><div>RFQ</div></div> |  <div><b>C8051F547-IM</b><br/>Manufacturers: Silicon Labs<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 33723 pcs<br/><div>RFQ</div></div>                  |
|  <div><b>C8051F550-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 25915 pcs<br/><div>RFQ</div></div> |  <div><b>C8051F546-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 26656 pcs<br/><div>RFQ</div></div>  |
|  <div><b>C8051F552-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 26348 pcs<br/><div>RFQ</div></div>  |  <div><b>C8051F547-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 34304 pcs<br/><div>RFQ</div></div>  |
|  <div><b>C8051F552-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 28628 pcs<br/><div>RFQ</div></div> |  <div><b>C8051F553-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 27673 pcs<br/><div>RFQ</div></div> |