



Energy Micro (Silicon Labs)



C8051F536-IT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F536-IT                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 2KB FLASH 20TSSOP                                                                                |
|                     |  1.C8051F536-IT.pdf         |
|                     |  2.C8051F536-IT.pdf         |
|                     |  3.C8051F536-IT.pdf         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3414 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of C8051F536-IT

|                                  |                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F536-IT                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 2KB FLASH 20TSSOP                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 3414 pcs                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.C8051F536-IT.pdf<br> 2.C8051F536-IT.pdf<br> 3.C8051F536-IT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.25 V                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 20-TSSOP                                                                                                                                                                                                                                                                                                                   |
| SPEED                            | 25MHz                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | C8051F53x                                                                                                                                                                                                                                                                                                                  |
| RAM SIZE                         | 256 x 8                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 2KB (2K x 8)                                                                                                                                                                                                                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 20-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | 336-1399                                                                                                                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 16                                                                                                                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | 8051 C8051F53x Microcontroller IC 8-Bit 25MHz 2KB (2K x 8) FLASH 20-TSSOP                                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                                                                                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | C8051F53                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F536-IT | C8051F536-IT Distributor             | C8051F536-IT Supplier                        |
| C8051F536-IT Price                       | C8051F536-IT Pictures                | C8051F536-IT Image                           |
| C8051F536-IT PDF Datasheet               | C8051F536-IT Download Datasheet      | C8051F536-IT Datasheet                       |
| C8051F536-IT Stock                       | Buy C8051F536-IT                     | Buy Energy Micro (Silicon Labs) C8051F536-IT |
| Energy Micro (Silicon Labs) C8051F536-IT | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F536-IT | Energy Micro C8051F536-IT            | Energy Micro (Silicon Labs) C8051F536-IT     |
| Silicon Laboratories C8051F536-IT        | Silicon Labs C8051F536-IT            |                                              |

Related Products

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|  <div>C8051F536-C-IM<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 43750 pcs</div> <div>RFQ</div>   |  <div>C8051F536A-ITR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20TSSOP<br/>In stock: 55042 pcs</div> <div>RFQ</div>  |
|  <div>C8051F534A-ITR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: 52160 pcs</div> <div>RFQ</div> |  <div>C8051F537-C-IM<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 43487 pcs</div> <div>RFQ</div>    |
|  <div>C8051F537-C-IMR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 43633 pcs</div> <div>RFQ</div>  |  <div>C8051F536-IM<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 6881 pcs</div> <div>RFQ</div>       |
|  <div>C8051F536-C-IT<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20TSSOP<br/>In stock: 31587 pcs</div> <div>RFQ</div> |  <div>C8051F536-C-ITR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20TSSOP<br/>In stock: 37230 pcs</div> <div>RFQ</div> |
|  <div>C8051F536A-IM<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 51641 pcs</div> <div>RFQ</div>    |  <div>C8051F536A-IMR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 57115 pcs</div> <div>RFQ</div>    |
|  <div>C8051F536A-IT<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20TSSOP<br/>In stock: 40755 pcs</div> <div>RFQ</div>  |  <div>C8051F536-C-IMR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 43108 pcs</div> <div>RFQ</div>   |