



Energy Micro (Silicon Labs)

C8051F533A-IM

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| Part Number: | C8051F533A-IM |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | IC MCU 8BIT 4KB FLASH 20QFN |
| Datasheets: | 1.C8051F533A-IM.pdf 2.C8051F533A-IM.pdf |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 54490 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of C8051F533A-IM

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|----------------------------------|---|
| PART NUMBER | C8051F533A-IM |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | IC MCU 8BIT 4KB FLASH 20QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 54490 pcs |
| DATA SHEET | 1.C8051F533A-IM.pdf 2.C8051F533A-IM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.8 V ~ 5.25 V |
| SUPPLIER DEVICE PACKAGE | 20-QFN (4x4) |
| SPEED | 25MHz |
| SERIES | C8051F53x |
| RAM SIZE | 256 x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 4KB (4K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT |
| PACKAGING | Tube |
| PACKAGE / CASE | 20-VFQFN Exposed Pad |
| OTHER NAMES | 336-1497-5 |
| 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 4KB (4K x 8) FLASH 20-QFN (4x4) |
| DATA CONVERTERS | A/D 16x12b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | 8051 |
| CONNECTIVITY | LINbus, SPI, UART/USART |
| BASE PART NUMBER | C8051F53 |

Related Tags

| | | |
|---|--------------------------------------|---|
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| Silicon Laboratories C8051F533A-IM | Silicon Labs C8051F533A-IM | |

Related Products

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| <p>C8051F534-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 41474 pcs RFQ</p> | <p>C8051F533A-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 36632 pcs RFQ</p> |
| <p>C8051F533-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 37010 pcs RFQ</p> | <p>C8051F533A-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 65872 pcs RFQ</p> |
| <p>C8051F533-C-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 40961 pcs RFQ</p> | <p>C8051F534-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 35088 pcs RFQ</p> |
| <p>C8051F534-C-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 24233 pcs RFQ</p> | <p>C8051F533A-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 45450 pcs RFQ</p> |
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| <p>C8051F533-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 3548 pcs RFQ</p> | <p>C8051F533-C-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 31313 pcs RFQ</p> |