



Energy Micro (Silicon Labs)



C8051F545-IMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F545-IMR                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 8KB FLASH 32QFN                                                                                  |
|                     |  1.C8051F545-IMR.pdf        |
|                     |  2.C8051F545-IMR.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

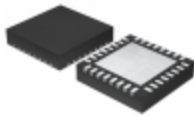
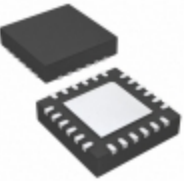
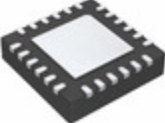
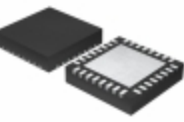
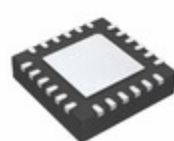
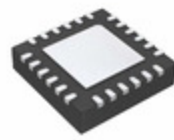
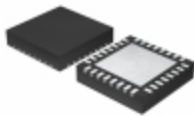
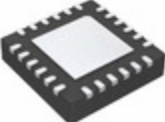
Specifications of C8051F545-IMR

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F545-IMR                                                                                                                                                                                                      |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 32QFN                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| DATA SHEET                       |  1.C8051F545-IMR.pdf<br> 2.C8051F545-IMR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.25 V                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                                                                                                                                       |
| SPEED                            | 50MHz                                                                                                                                                                                                              |
| SERIES                           | C8051F54x                                                                                                                                                                                                          |
| RAM SIZE                         | 1.25K x 8                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | 8051 C8051F54x Microcontroller IC 8-Bit 50MHz 8KB (8K x 8) FLASH 32-QFN (5x5)                                                                                                                                      |
| DATA CONVERTERS                  | A/D 25x12b                                                                                                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                               |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                                                                                                                                |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F545-IMR | C8051F545-IMR Distributor            | C8051F545-IMR Supplier                        |
| C8051F545-IMR Price                       | C8051F545-IMR Pictures               | C8051F545-IMR Image                           |
| C8051F545-IMR PDF Datasheet               | C8051F545-IMR Download Datasheet     | C8051F545-IMR Datasheet                       |
| C8051F545-IMR Stock                       | Buy C8051F545-IMR                    | Buy Energy Micro (Silicon Labs) C8051F545-IMR |
| Energy Micro (Silicon Labs) C8051F545-IMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F545-IMR | Energy Micro C8051F545-IMR           | Energy Micro (Silicon Labs) C8051F545-IMR     |
| Silicon Laboratories C8051F545-IMR        | Silicon Labs C8051F545-IMR           |                                               |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F544-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>C8051F547-IM</b><br/>Manufacturers: Silicon Labs<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>                  |
|  <div><b>C8051F544-IQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F546-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>C8051F545-IQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F545-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>C8051F546-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>C8051F545-IQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 74 pcs<br/>RFQ</div>     |
|  <div><b>C8051F547-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>C8051F544-IQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 536 pcs<br/>RFQ</div>    |
|  <div><b>C8051F544-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>C8051F543-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div> |