



Energy Micro (Silicon Labs)



C8051F530A-IMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F530A-IMR                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 8KB FLASH 20QFN                                                                                  |
|                     |  1.C8051F530A-IMR.pdf       |
|                     |  2.C8051F530A-IMR.pdf       |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 60167 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of C8051F530A-IMR

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F530A-IMR                                                                                                                                                                                                       |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20QFN                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 60167 pcs                                                                                                                                                                                                            |
| DATA SHEET                       |  1.C8051F530A-IMR.pdf<br> 2.C8051F530A-IMR.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              | 8KB (8K x 8)                                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                                                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                                                                                                                 |
| 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 8KB (8K x 8) FLASH 20-QFN (4x4)                                                                                                                                        |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                                 |
| CONNECTIVITY                     | LINbus, SPI, UART/USART                                                                                                                                                                                              |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) C8051F530A-IMR | C8051F530A-IMR Distributor           | C8051F530A-IMR Supplier                        |
| C8051F530A-IMR Price                       | C8051F530A-IMR Pictures              | C8051F530A-IMR Image                           |
| C8051F530A-IMR PDF Datasheet               | C8051F530A-IMR Download Datasheet    | C8051F530A-IMR Datasheet                       |
| C8051F530A-IMR Stock                       | Buy C8051F530A-IMR                   | Buy Energy Micro (Silicon Labs) C8051F530A-IMR |
| Energy Micro (Silicon Labs) C8051F530A-IMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) C8051F530A-IMR | Energy Micro C8051F530A-IMR          | Energy Micro (Silicon Labs) C8051F530A-IMR     |
| Silicon Laboratories C8051F530A-IMR        | Silicon Labs C8051F530A-IMR          |                                                |

Related Products

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|  <div>C8051F531-C-IM<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 37587 pcs</div> <div>RFQ</div>   |  <div>C8051F530A-IT<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 32582 pcs</div> <div>RFQ</div>   |
|  <div>C8051F530DK<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV FOR C8051F520,F530<br/>In stock: 6671 pcs</div> <div>RFQ</div>        |  <div>C8051F530-C-ITR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 39015 pcs</div> <div>RFQ</div> |
|  <div>C8051F530-IM<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 6959 pcs</div> <div>RFQ</div>      |  <div>C8051F530-IT<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 3950 pcs</div> <div>RFQ</div>     |
|  <div>C8051F530-C-IT<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 21991 pcs</div> <div>RFQ</div> |  <div>C8051F530-TB<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD PROTOTYPE W/C8051F530<br/>In stock: 4771 pcs</div> <div>RFQ</div>       |
|  <div>C8051F530A-TB<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD TARGET/PROTO W/C8051F530A<br/>In stock: 3855 pcs</div> <div>RFQ</div> |  <div>C8051F530ADK<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV C8051F53XA, C8051F52XA<br/>In stock: 899 pcs</div> <div>RFQ</div>     |
|  <div>C8051F530A-IM<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 35135 pcs</div> <div>RFQ</div>    |  <div>C8051F530A-ITR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 40861 pcs</div> <div>RFQ</div>  |