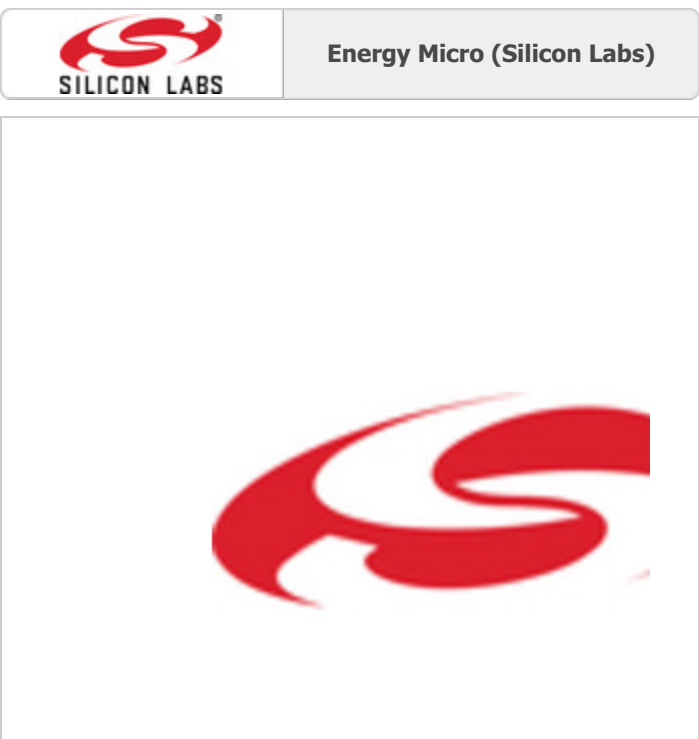




C8051F123R

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F123R                                                                                                           |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                          |
| Product description | IC MCU 8BIT 128KB FLASH 64TQFP                                                                                       |
| Datasheets:         |  C8051F123R.pdf                     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6260 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of C8051F123R

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F123R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 64TQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| QUANTITY AVAILABLE               | 6260 pcs                                                                                           |
| DATA SHEET                       |  C8051F123R.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                    |
| SPEED                            | 100MHz                                                                                             |
| SERIES                           | C8051F12x                                                                                          |
| RAM SIZE                         | 8.25K x 8                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                   |
| PACKAGE / CASE                   | 64-TQFP                                                                                            |
| OTHER NAMES                      | 336-1082-2                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF I/O                    | 32                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | 8051 C8051F12x Microcontroller IC 8-Bit 100MHz 128KB (128K x 8) FLASH 64-TQFP (10x10)              |
| DATA CONVERTERS                  | A/D 8x8b, 8x10b; D/A 2x12b                                                                         |
| CORE SIZE                        | 8-Bit                                                                                              |
| CORE PROCESSOR                   | 8051                                                                                               |
| CONNECTIVITY                     | EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                                          |
| BASE PART NUMBER                 | C8051F12                                                                                           |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Energy Micro (Silicon Labs) C8051F123R | C8051F123R Distributor               | C8051F123R Supplier                        |
| C8051F123R Price                       | C8051F123R Pictures                  | C8051F123R Image                           |
| C8051F123R PDF Datasheet               | C8051F123R Download Datasheet        | C8051F123R Datasheet                       |
| C8051F123R Stock                       | Buy C8051F123R                       | Buy Energy Micro (Silicon Labs) C8051F123R |
| Energy Micro (Silicon Labs) C8051F123R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor    |
| Energy Micro (Silicon Labs) C8051F123R | Energy Micro C8051F123R              | Energy Micro (Silicon Labs) C8051F123R     |
| Silicon Laboratories C8051F123R        | Silicon Labs C8051F123R              |                                            |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>C8051F123</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 5619 pcs</div><div>RFQ</div></div>     | <div><div>C8051F124-GQR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 6288 pcs</div><div>RFQ</div></div> |
| <div><div>C8051F124-GQ</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 4960 pcs</div><div>RFQ</div></div> | <div><div>C8051F124DK-B</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR F124/F125/F126/F127<br/>In stock: 6648 pcs</div><div>RFQ</div></div> |
| <div><div>C8051F124</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 3227 pcs</div><div>RFQ</div></div>    | <div><div>C8051F123-GQR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 5278 pcs</div><div>RFQ</div></div>  |
| <div><div>C8051F124-TB</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD PROTOTYPING W/C8051F124<br/>In stock: 5080 pcs</div><div>RFQ</div></div>   | <div><div>C8051F122-GQR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 5021 pcs</div><div>RFQ</div></div> |
| <div><div>C8051F123-GQ</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 4527 pcs</div><div>RFQ</div></div>  | <div><div>C8051F122R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 4441 pcs</div><div>RFQ</div></div>    |
| <div><div>C8051F122-GQ</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 5314 pcs</div><div>RFQ</div></div> | <div><div>C8051F124DK-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR F124/F125/F126/F127<br/>In stock: 6984 pcs</div><div>RFQ</div></div> |