



Energy Micro (Silicon Labs)



C8051F853-C-GMR

|                     |                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F853-C-GMR                                                                                                                                                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                                                                                                                                   |
| Product description | IC MCU 8BIT 8KB FLASH 20QFN                                                                                                                                                                                                                   |
| Datasheets:         | <div><div>1.C8051F853-C-GMR.pdf</div><div>2.C8051F853-C-GMR.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                        |
| Stock Condition     | 136832 pcs stock                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

Specifications of C8051F853-C-GMR

|                                  |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F853-C-GMR                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20QFN                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 136832 pcs                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div><div>1.C8051F853-C-GMR.pdf</div><div>2.C8051F853-C-GMR.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                                                                                                                                                                                     |
| SPEED                            | 25MHz                                                                                                                                                                                                                                             |
| SERIES                           | C8051F85x                                                                                                                                                                                                                                         |
| RAM SIZE                         | 512 x 8                                                                                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 15                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | 8051 C8051F85x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH                                                                                                                                                                                  |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI, UART/USART                                                                                                                                                                                                                 |

Related Tags

|                                             |                                      |                                                 |
|---------------------------------------------|--------------------------------------|-------------------------------------------------|
| Energy Micro (Silicon Labs) C8051F853-C-GMR | C8051F853-C-GMR Distributor          | C8051F853-C-GMR Supplier                        |
| C8051F853-C-GMR Price                       | C8051F853-C-GMR Pictures             | C8051F853-C-GMR Image                           |
| C8051F853-C-GMR PDF Datasheet               | C8051F853-C-GMR Download Datasheet   | C8051F853-C-GMR Datasheet                       |
| C8051F853-C-GMR Stock                       | Buy C8051F853-C-GMR                  | Buy Energy Micro (Silicon Labs) C8051F853-C-GMR |
| Energy Micro (Silicon Labs) C8051F853-C-GMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor         |
| Energy Micro (Silicon Labs) C8051F853-C-GMR | Energy Micro C8051F853-C-GMR         | Energy Micro (Silicon Labs) C8051F853-C-GMR     |
| Silicon Laboratories C8051F853-C-GMR        | Silicon Labs C8051F853-C-GMR         |                                                 |

Related Products

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| <div><div><b>C8051F852-C-GUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 24QSOP<br/>In stock: 142631 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F853-C-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QSOP<br/>In stock: 114989 pcs</div><div>RFQ</div></div> |
| <div><div><b>C8051F852-C-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 24QSOP<br/>In stock: 111282 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F852-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 153917 pcs</div><div>RFQ</div></div>  |
| <div><div><b>C8051F852-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 131383 pcs</div><div>RFQ</div></div>   | <div><div><b>C8051F853-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 143202 pcs</div><div>RFQ</div></div>  |
| <div><div><b>C8051F853-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 112776 pcs</div><div>RFQ</div></div>   | <div><div><b>C8051F853-C-GUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QSOP<br/>In stock: 135901 pcs</div><div>RFQ</div></div> |
| <div><div><b>C8051F852-C-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB FLASH 24QSOP<br/>In stock: 117854 pcs</div><div>RFQ</div></div>  | <div><div><b>C8051F853-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 113698 pcs</div><div>RFQ</div></div>   |
| <div><div><b>C8051F853-C-GU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QSOP<br/>In stock: 131398 pcs</div><div>RFQ</div></div>  | <div><div><b>C8051F853-C-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QSOP<br/>In stock: 96213 pcs</div><div>RFQ</div></div>   |