



C8051F996-C-GUR

|                     |                                           |
|---------------------|-------------------------------------------|
| Part Number:        | C8051F996-C-GUR                           |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)               |
| Product description | IC MCU 8BIT 8KB FLASH 24QSOP              |
|                     | <a href="#">PDF</a> 1.C8051F996-C-GUR.pdf |
|                     | <a href="#">PDF</a> 2.C8051F996-C-GUR.pdf |
|                     | <a href="#">PDF</a> 3.C8051F996-C-GUR.pdf |
| Datasheets:         |                                           |
| RoHs Status         | Lead free / RoHS Compliant                |
| Ship From           | Hong Kong                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                     |

REQUEST FOR QUOTATION

Specifications of C8051F996-C-GUR

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F996-C-GUR                                                                                                                     |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 24QSOP                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                          |
| DATA SHEET                       | <a href="#">PDF</a> 1.C8051F996-C-GUR.pdf<br><a href="#">PDF</a> 2.C8051F996-C-GUR.pdf<br><a href="#">PDF</a> 3.C8051F996-C-GUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 24-QSOP                                                                                                                             |
| SPEED                            | 25MHz                                                                                                                               |
| SERIES                           | C8051F9xx                                                                                                                           |
| RAM SIZE                         | 512 x 8                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                               |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, Cap Sense, POR, PWM, Temp Sensor, WDT                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                    |
| PACKAGE / CASE                   | 24-SSOP (0.154", 3.90mm Width)                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                   |
| NUMBER OF I/O                    | 17                                                                                                                                  |
| 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             | CIP-51 8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 24-QSOP                                                     |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                               |
| CORE PROCESSOR                   | CIP-51 8051                                                                                                                         |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                                                 |

Related Tags

|                                             |                                      |                                                 |
|---------------------------------------------|--------------------------------------|-------------------------------------------------|
| Energy Micro (Silicon Labs) C8051F996-C-GUR | C8051F996-C-GUR Distributor          | C8051F996-C-GUR Supplier                        |
| C8051F996-C-GUR Price                       | C8051F996-C-GUR Pictures             | C8051F996-C-GUR Image                           |
| C8051F996-C-GUR PDF Datasheet               | C8051F996-C-GUR Download Datasheet   | C8051F996-C-GUR Datasheet                       |
| C8051F996-C-GUR Stock                       | Buy C8051F996-C-GUR                  | Buy Energy Micro (Silicon Labs) C8051F996-C-GUR |
| Energy Micro (Silicon Labs) C8051F996-C-GUR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor         |
| Energy Micro (Silicon Labs) C8051F996-C-GUR | Energy Micro C8051F996-C-GUR         | Energy Micro (Silicon Labs) C8051F996-C-GUR     |
| Silicon Laboratories C8051F996-C-GUR        | Silicon Labs C8051F996-C-GUR         |                                                 |

Related Products

|                                                                                                                                                              |                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>C8051F996-C-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>C8051F996-GU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QSOP<br/>In stock: Out stock</p> <p>RFQ</p>   |
| <p><b>C8051F991-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>C8051F996-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock</p> <p>RFQ</p>    |
| <p><b>C8051F991-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>C8051F996-C-GU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QSOP<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>C8051F996-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 59 pcs</p> <p>RFQ</p>     | <p><b>C8051F996-GUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QSOP<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>C8051F996-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>C8051F996-TB-K</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EVAL BOARD C8051F996<br/>In stock: 1 pcs</p> <p>RFQ</p>             |
| <p><b>C8051F996-GDI</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH DIE<br/>In stock: Out stock</p> <p>RFQ</p>     | <p><b>C8051F996-C-GDI</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH DIE<br/>In stock: Out stock</p> <p>RFQ</p>   |