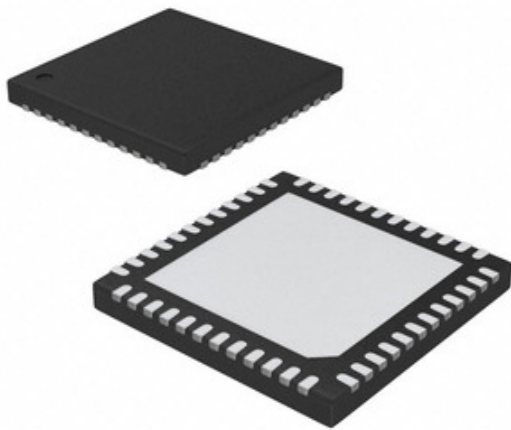




Energy Micro (Silicon Labs)



C8051F970-A-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F970-A-GM                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 48QFN                                                                                 |
| Datasheets:         |  C8051F970-A-GM.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 31054 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

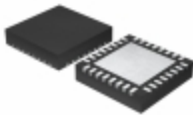
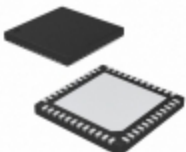
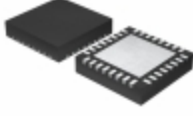
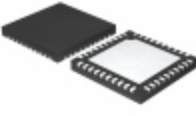
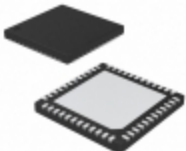
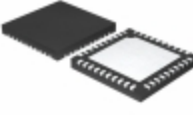
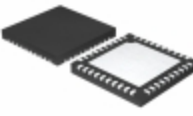
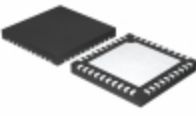
Specifications of C8051F970-A-GM

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F970-A-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 48QFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 31054 pcs                                                                                              |
| DATA SHEET                       |  C8051F970-A-GM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 48-QFN (6x6)                                                                                           |
| SPEED                            | 25MHz                                                                                                  |
| SERIES                           | C8051F9xx                                                                                              |
| RAM SIZE                         | 8K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                         |
| PERIPHERALS                      | CapSense, DMA, POR, PWM, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                                   |
| OTHER NAMES                      | 336-3002-5<br>C8051F970-GM                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 43                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | CIP-51™ C8051F9xx Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH 48-QFN (6x6)                     |
| DATA CONVERTERS                  | A/D 43x10b                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                  |
| CORE PROCESSOR                   | CIP-51™                                                                                                |
| CONNECTIVITY                     | I²C/SMBus, I²C Slave, SPI, UART/USART                                                                  |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) C8051F970-A-GM | C8051F970-A-GM Distributor           | C8051F970-A-GM Supplier                        |
| C8051F970-A-GM Price                       | C8051F970-A-GM Pictures              | C8051F970-A-GM Image                           |
| C8051F970-A-GM PDF Datasheet               | C8051F970-A-GM Download Datasheet    | C8051F970-A-GM Datasheet                       |
| C8051F970-A-GM Stock                       | Buy C8051F970-A-GM                   | Buy Energy Micro (Silicon Labs) C8051F970-A-GM |
| Energy Micro (Silicon Labs) C8051F970-A-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) C8051F970-A-GM | Energy Micro C8051F970-A-GM          | Energy Micro (Silicon Labs) C8051F970-A-GM     |
| Silicon Laboratories C8051F970-A-GM        | Silicon Labs C8051F970-A-GM          |                                                |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>C8051F971-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 48444 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>C8051F970-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 43847 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051F971-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 38467 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051F969-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 40QFN<br/>In stock: 19333 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051F972-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 36497 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051F968-B-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br/>In stock: 12013 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>C8051F972-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 45086 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>C8051F973-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 40056 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>C8051F969-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 40QFN<br/>In stock: 17614 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051F970-A-DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV FOR C8051F97X<br/>In stock: 1612 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>C8051F969-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: 4448 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051F969-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 40QFN<br/>In stock: 16271 pcs<br/><div>RFQ</div></div>   |