



C8051F960-B-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F960-B-GM                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 128KB FLASH 76DQFN                                                                               |
| Datasheets:         |  C8051F960-B-GM.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11582 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

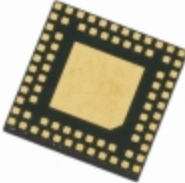
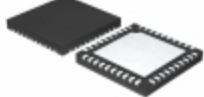
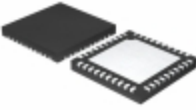
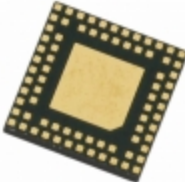
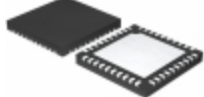
Specifications of C8051F960-B-GM

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F960-B-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 76DQFN                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 11582 pcs                                                                                              |
| DATA SHEET                       |  C8051F960-B-GM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.8 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 76-DQFN (6x6)                                                                                          |
| SPEED                            | 25MHz                                                                                                  |
| SERIES                           | C8051F9xx                                                                                              |
| RAM SIZE                         | 8.25K x 8                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                       |
| PERIPHERALS                      | DMA, LCD, POR, PWM, WDT                                                                                |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 76-VFQFN Dual Rows, Exposed Pad                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 57                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | 8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 128KB (128K x 8) FLASH 76-DQFN (6x6)                     |
| DATA CONVERTERS                  | A/D 16x10b/12b                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                  |
| CORE PROCESSOR                   | 8051                                                                                                   |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI, UART/USART                                                                      |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) C8051F960-B-GM | C8051F960-B-GM Distributor           | C8051F960-B-GM Supplier                        |
| C8051F960-B-GM Price                       | C8051F960-B-GM Pictures              | C8051F960-B-GM Image                           |
| C8051F960-B-GM PDF Datasheet               | C8051F960-B-GM Download Datasheet    | C8051F960-B-GM Datasheet                       |
| C8051F960-B-GM Stock                       | Buy C8051F960-B-GM                   | Buy Energy Micro (Silicon Labs) C8051F960-B-GM |
| Energy Micro (Silicon Labs) C8051F960-B-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) C8051F960-B-GM | Energy Micro C8051F960-B-GM          | Energy Micro (Silicon Labs) C8051F960-B-GM     |
| Silicon Laboratories C8051F960-B-GM        | Silicon Labs C8051F960-B-GM          |                                                |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 |
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| <div><div>C8051F960-B-GQR</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 80TQFP</div><div>In stock: 6305 pcs</div><div>RFQ</div></div> | <div><div>C8051F960-A-GMR</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 76DQFN</div><div>In stock: 3758 pcs</div><div>RFQ</div></div>  |
| <div><div>C8051F961-A-GMR</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 40QFN</div><div>In stock: 3544 pcs</div><div>RFQ</div></div>  | <div><div>C8051F960-A-GM</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 76DQFN</div><div>In stock: 4127 pcs</div><div>RFQ</div></div>   |
| <div><div>C8051F960-B-GQ</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 80TQFP</div><div>In stock: 8104 pcs</div><div>RFQ</div></div>  | <div><div>C8051F931-GMR</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 64KB FLASH 24QFN</div><div>In stock: 5939 pcs</div><div>RFQ</div></div>      |
| <div><div>C8051F960-A-DK</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: KIT DEVELOPMENT C8051F96X</div><div>In stock: 765 pcs</div><div>RFQ</div></div>        | <div><div>C8051F961-B-GM</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 40QFN</div><div>In stock: 11752 pcs</div><div>RFQ</div></div>   |
| <div><div>C8051F960-A-GQ</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 80TQFP</div><div>In stock: 6232 pcs</div><div>RFQ</div></div>  | <div><div>C8051F960-B-GMR</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 76DQFN</div><div>In stock: 14318 pcs</div><div>RFQ</div></div> |
| <div><div>C8051F961-A-GM</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 40QFN</div><div>In stock: 6570 pcs</div><div>RFQ</div></div>   | <div><div>C8051F960-A-GQR</div><div>Manufacturers: Energy Micro (Silicon Labs)</div><div>Description: IC MCU 8BIT 128KB FLASH 80TQFP</div><div>In stock: 5631 pcs</div><div>RFQ</div></div>  |