



C8051F962-B-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F962-B-GM                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 128KB FLASH 76DQFN                                                                               |
| Datasheets:         |  C8051F962-B-GM.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

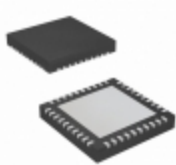
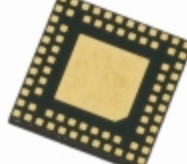
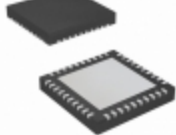
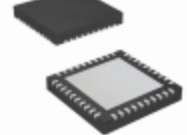
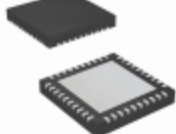
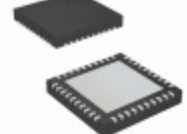
Specifications of C8051F962-B-GM

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F962-B-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 76DQFN                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  C8051F962-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, 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)                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                |
| 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) C8051F962-B-GM | C8051F962-B-GM Distributor           | C8051F962-B-GM Supplier                        |
| C8051F962-B-GM Price                       | C8051F962-B-GM Pictures              | C8051F962-B-GM Image                           |
| C8051F962-B-GM PDF Datasheet               | C8051F962-B-GM Download Datasheet    | C8051F962-B-GM Datasheet                       |
| C8051F962-B-GM Stock                       | Buy C8051F962-B-GM                   | Buy Energy Micro (Silicon Labs) C8051F962-B-GM |
| Energy Micro (Silicon Labs) C8051F962-B-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) C8051F962-B-GM | Energy Micro C8051F962-B-GM          | Energy Micro (Silicon Labs) C8051F962-B-GM     |
| Silicon Laboratories C8051F962-B-GM        | Silicon Labs C8051F962-B-GM          |                                                |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F961-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 40QFN<br/>In stock: 518 pcs<br/>RFQ</div>     |  <div><b>C8051F962-B-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 80TQFP<br/>In stock: 37 pcs<br/>RFQ</div>     |
|  <div><b>C8051F962-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 76DQFN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F962-A-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 80TQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>C8051F962-A-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 80TQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F962-B-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 80TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>C8051F962-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 76DQFN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>C8051F962-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 76DQFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>C8051F961-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 40QFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>C8051F963-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 40QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>C8051F963-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 40QFN<br/>In stock: 497 pcs<br/>RFQ</div>     |  <div><b>C8051F963-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 40QFN<br/>In stock: 14 pcs<br/>RFQ</div>      |