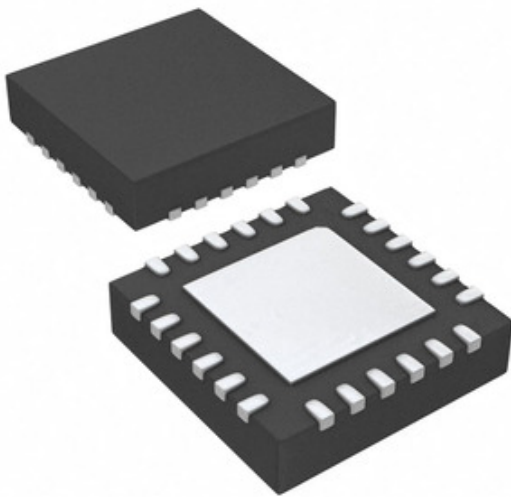




Energy Micro (Silicon Labs)



C8051F370-A-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F370-A-GM                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 16KB FLASH 24QFN                                                                                 |
| Datasheets:         |  C8051F370-A-GM.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 77910 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

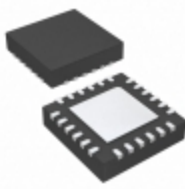
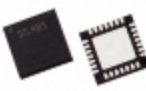
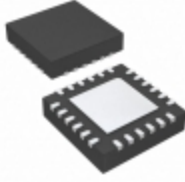
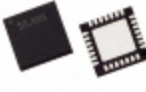
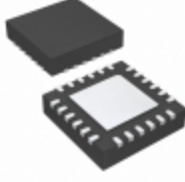
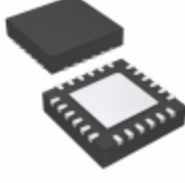
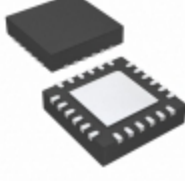
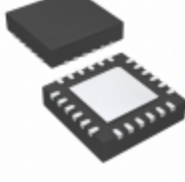
Specifications of C8051F370-A-GM

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F370-A-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 24QFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 77910 pcs                                                                                              |
| DATA SHEET                       |  C8051F370-A-GM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (4x4)                                                                                           |
| SPEED                            | 50MHz                                                                                                  |
| SERIES                           | C8051F37x                                                                                              |
| RAM SIZE                         | 1K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                         |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                             |
| PACKAGING                        | Tube                                                                                                   |
| PACKAGE / CASE                   | 24-WFQFN Exposed Pad                                                                                   |
| OTHER NAMES                      | 336-2300-5<br>C8051F370AGM                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 21                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | 512 x 8                                                                                                |
| DETAILED DESCRIPTION             | 8051 C8051F37x Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 24-QFN (4x4)                        |
| DATA CONVERTERS                  | A/D 20x10b; D/A 2x10b                                                                                  |
| CORE SIZE                        | 8-Bit                                                                                                  |
| CORE PROCESSOR                   | 8051                                                                                                   |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                    |
| BASE PART NUMBER                 | C8051F37                                                                                               |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) C8051F370-A-GM | C8051F370-A-GM Distributor           | C8051F370-A-GM Supplier                        |
| C8051F370-A-GM Price                       | C8051F370-A-GM Pictures              | C8051F370-A-GM Image                           |
| C8051F370-A-GM PDF Datasheet               | C8051F370-A-GM Download Datasheet    | C8051F370-A-GM Datasheet                       |
| C8051F370-A-GM Stock                       | Buy C8051F370-A-GM                   | Buy Energy Micro (Silicon Labs) C8051F370-A-GM |
| Energy Micro (Silicon Labs) C8051F370-A-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) C8051F370-A-GM | Energy Micro C8051F370-A-GM          | Energy Micro (Silicon Labs) C8051F370-A-GM     |
| Silicon Laboratories C8051F370-A-GM        | Silicon Labs C8051F370-A-GM          |                                                |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>C8051F370-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: 64038 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>C8051F369-C-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 23101 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>C8051F375-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 83808 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>C8051F369-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 18729 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051F371-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: 72999 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>C8051F369-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 19577 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>C8051F374-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 71726 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>C8051F369-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 6266 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>C8051F374-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 77328 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051F368-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 6345 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>C8051F371-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: 74253 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051F370-A-DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV FOR C8051F370<br/>In stock: 1126 pcs<br/><div>RFQ</div></div>          |