



C8051F343-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F343-GM                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 32QFN                                                                                 |
| Datasheets:         |  C8051F343-GM.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14679 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

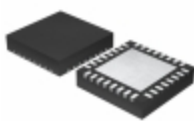
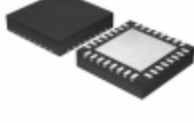
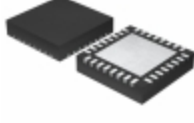
Specifications of C8051F343-GM

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F343-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 32QFN                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 14679 pcs                                                                                            |
| DATA SHEET                       |  C8051F343-GM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                         |
| SPEED                            | 48MHz                                                                                                |
| SERIES                           | C8051F34x                                                                                            |
| RAM SIZE                         | 2.25K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                                   |
| PACKAGING                        | Tube                                                                                                 |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                 |
| OTHER NAMES                      | 336-1346-5                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                    |
| NUMBER OF I/O                    | 25                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| EEPROM SIZE                      | -                                                                                                    |
| DETAILED DESCRIPTION             | 8051 C8051F34x Microcontroller IC 8-Bit 48MHz 32KB (32K x 8) FLASH 32-QFN (5x5)                      |
| DATA CONVERTERS                  | A/D 21x10b                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                 |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART, USB                                                             |
| BASE PART NUMBER                 | C8051F34                                                                                             |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F343-GM | C8051F343-GM Distributor             | C8051F343-GM Supplier                        |
| C8051F343-GM Price                       | C8051F343-GM Pictures                | C8051F343-GM Image                           |
| C8051F343-GM PDF Datasheet               | C8051F343-GM Download Datasheet      | C8051F343-GM Datasheet                       |
| C8051F343-GM Stock                       | Buy C8051F343-GM                     | Buy Energy Micro (Silicon Labs) C8051F343-GM |
| Energy Micro (Silicon Labs) C8051F343-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F343-GM | Energy Micro C8051F343-GM            | Energy Micro (Silicon Labs) C8051F343-GM     |
| Silicon Laboratories C8051F343-GM        | Silicon Labs C8051F343-GM            |                                              |

Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F342-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 12434 pcs<br/><b>RFQ</b></div>   |  <div><b>C8051F342-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 9965 pcs<br/><b>RFQ</b></div>   |
|  <div><b>C8051F343-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 15161 pcs<br/><b>RFQ</b></div>  |  <div><b>C8051F344-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 48TQFP<br/>In stock: 10390 pcs<br/><b>RFQ</b></div> |
|  <div><b>C8051F343-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 15417 pcs<br/><b>RFQ</b></div> |  <div><b>C8051F341-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 11205 pcs<br/><b>RFQ</b></div> |
|  <div><b>C8051F343-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 10981 pcs<br/><b>RFQ</b></div>  |  <div><b>C8051F345-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 14186 pcs<br/><b>RFQ</b></div>  |
|  <div><b>C8051F342-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 11107 pcs<br/><b>RFQ</b></div>  |  <div><b>C8051F344-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 48TQFP<br/>In stock: 11205 pcs<br/><b>RFQ</b></div>  |
|  <div><b>C8051F341-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 11530 pcs<br/><b>RFQ</b></div>  |  <div><b>C8051F342-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 13277 pcs<br/><b>RFQ</b></div> |