



Energy Micro (Silicon Labs)



C8051F38A-GQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F38A-GQ                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 48TQFP                                                                                |
| Datasheets:         |  C8051F38A-GQ.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 38764 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of C8051F38A-GQ

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F38A-GQ                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 48TQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 38764 pcs                                                                                            |
| DATA SHEET                       |  C8051F38A-GQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.25 V                                                                                       |
| SPEED                            | 48 MIPS                                                                                              |
| SERIES                           | C8051F38x                                                                                            |
| 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                   | 48-TQFP                                                                                              |
| OTHER NAMES                      | 336-2590<br>C8051F38A-GQ-ND                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                    |
| NUMBER OF I/O                    | 40                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| EEPROM SIZE                      | -                                                                                                    |
| DETAILED DESCRIPTION             | 8051 C8051F38x Microcontroller IC 8-Bit 48 MIPS 32KB (32K x 8) FLASH                                 |
| DATA CONVERTERS                  | A/D 32x10b                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                 |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                        |
| BASE PART NUMBER                 | C8051F38                                                                                             |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F38A-GQ | C8051F38A-GQ Distributor             | C8051F38A-GQ Supplier                        |
| C8051F38A-GQ Price                       | C8051F38A-GQ Pictures                | C8051F38A-GQ Image                           |
| C8051F38A-GQ PDF Datasheet               | C8051F38A-GQ Download Datasheet      | C8051F38A-GQ Datasheet                       |
| C8051F38A-GQ Stock                       | Buy C8051F38A-GQ                     | Buy Energy Micro (Silicon Labs) C8051F38A-GQ |
| Energy Micro (Silicon Labs) C8051F38A-GQ | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F38A-GQ | Energy Micro C8051F38A-GQ            | Energy Micro (Silicon Labs) C8051F38A-GQ     |
| Silicon Laboratories C8051F38A-GQ        | Silicon Labs C8051F38A-GQ            |                                              |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>C8051F38B-B-GQR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 60275 pcs</div> <div>RFQ</div> |  <div>C8051F38A-B-GQR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 58751 pcs</div> <div>RFQ</div> |
|  <div>C8051F38B-GM</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 41490 pcs</div> <div>RFQ</div>     |  <div>C8051F38A-B-GQ</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 44634 pcs</div> <div>RFQ</div>  |
|  <div>C8051F389-GQR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 48936 pcs</div> <div>RFQ</div>   |  <div>C8051F38B-B-GM</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 63932 pcs</div> <div>RFQ</div>   |
|  <div>C8051F38B-B-GQ</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 48936 pcs</div> <div>RFQ</div>  |  <div>C8051F38A-GQR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 52593 pcs</div> <div>RFQ</div>   |
|  <div>C8051F38B-B-GMR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 54648 pcs</div> <div>RFQ</div>  |  <div>C8051F389-GQ</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 33081 pcs</div> <div>RFQ</div>    |
|  <div>C8051F389-GMR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 50647 pcs</div> <div>RFQ</div>    |  <div>C8051F389-B-GQR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 48441 pcs</div> <div>RFQ</div> |