



C8051F348-GQR

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F348-GQR                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                         |
| Product description | IC MCU 8BIT 32KB FLASH 48TQFP                                                                                       |
| Datasheets:         |  <a href="#">C8051F348-GQR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

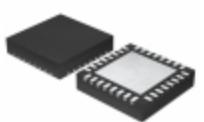
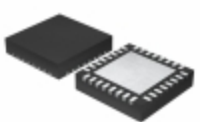
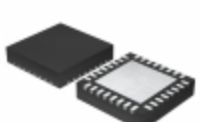
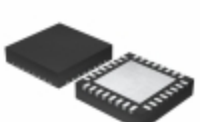
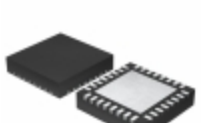
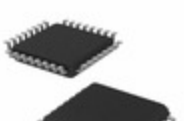
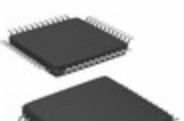
Specifications of C8051F348-GQR

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F348-GQR                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 48TQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                       |  <a href="#">C8051F348-GQR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-QFP (7x7)                                                                                                          |
| SPEED                            | 25MHz                                                                                                                 |
| 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, WDT                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 48-TQFP                                                                                                               |
| 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 C8051F34x Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH 48-QFP (7x7)                                       |
| DATA CONVERTERS                  | -                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                 |
| CORE PROCESSOR                   | 8051                                                                                                                  |
| CONNECTIVITY                     | EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART, USB                                                        |
| BASE PART NUMBER                 | C8051F34                                                                                                              |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F348-GQR | C8051F348-GQR Distributor            | C8051F348-GQR Supplier                        |
| C8051F348-GQR Price                       | C8051F348-GQR Pictures               | C8051F348-GQR Image                           |
| C8051F348-GQR PDF Datasheet               | C8051F348-GQR Download Datasheet     | C8051F348-GQR Datasheet                       |
| C8051F348-GQR Stock                       | Buy C8051F348-GQR                    | Buy Energy Micro (Silicon Labs) C8051F348-GQR |
| Energy Micro (Silicon Labs) C8051F348-GQR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F348-GQR | Energy Micro C8051F348-GQR           | Energy Micro (Silicon Labs) C8051F348-GQR     |
| Silicon Laboratories C8051F348-GQR        | Silicon Labs C8051F348-GQR           |                                               |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051F349-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 403 pcs<br/><b>RFQ</b></div>    |  <div><b>C8051F347-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 352 pcs<br/><b>RFQ</b></div>    |
|  <div><b>C8051F347-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>C8051F34A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>C8051F349-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>C8051F34A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>C8051F347-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>C8051F347-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>C8051F349-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>C8051F349-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>C8051F346-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>C8051F348-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |