



C8051F368-GQ

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | C8051F368-GQ                  |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)   |
| Product description | IC MCU 8BIT 16KB FLASH 32LQFP |
| Datasheets:         | C8051F368-GQ.pdf              |
| RoHs Status         | Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of C8051F368-GQ

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F368-GQ                                                                     |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                      |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32LQFP                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| DATA SHEET                       | C8051F368-GQ.pdf                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                    |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                    |
| SPEED                            | 50MHz                                                                            |
| SERIES                           | C8051F36x                                                                        |
| RAM SIZE                         | 1K x 8                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                            |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                   |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                       |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 32-LQFP                                                                          |
| OTHER NAMES                      | 336-1650                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| NUMBER OF I/O                    | 29                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| EEPROM SIZE                      | -                                                                                |
| DETAILED DESCRIPTION             | 8051 C8051F36x Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 32-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 21x10b; D/A 1x10b                                                            |
| CORE SIZE                        | 8-Bit                                                                            |
| CORE PROCESSOR                   | 8051                                                                             |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                              |
| BASE PART NUMBER                 | C8051F36                                                                         |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F368-GQ | C8051F368-GQ Distributor             | C8051F368-GQ Supplier                        |
| C8051F368-GQ Price                       | C8051F368-GQ Pictures                | C8051F368-GQ Image                           |
| C8051F368-GQ PDF Datasheet               | C8051F368-GQ Download Datasheet      | C8051F368-GQ Datasheet                       |
| C8051F368-GQ Stock                       | Buy C8051F368-GQ                     | Buy Energy Micro (Silicon Labs) C8051F368-GQ |
| Energy Micro (Silicon Labs) C8051F368-GQ | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F368-GQ | Energy Micro C8051F368-GQ            | Energy Micro (Silicon Labs) C8051F368-GQ     |
| Silicon Laboratories C8051F368-GQ        | Silicon Labs C8051F368-GQ            |                                              |

Related Products

|                                                                                                                                                               |                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>C8051F369-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>C8051F369-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 79 pcs</p> <p>RFQ</p>        |
| <p><b>C8051F369-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 73 pcs</p> <p>RFQ</p>     | <p><b>C8051F368-C-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>C8051F367-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>C8051F369-C-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>C8051F370-A-DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV FOR C8051F370<br/>In stock: 1 pcs</p> <p>RFQ</p>             | <p><b>C8051F367-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 96 pcs</p> <p>RFQ</p>      |
| <p><b>C8051F367-C-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>C8051F368-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |
| <p><b>C8051F367-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 4 pcs</p> <p>RFQ</p>        | <p><b>C8051F368-C-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |