



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

C8051F360-GQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F360-GQ                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 48TQFP                                                                                |
| Datasheets:         |  C8051F360-GQ.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16103 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of C8051F360-GQ

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F360-GQ                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 48TQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 16103 pcs                                                                                            |
| DATA SHEET                       |  C8051F360-GQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 48-QFP (7x7)                                                                                         |
| SPEED                            | 100MHz                                                                                               |
| SERIES                           | C8051F36x                                                                                            |
| RAM SIZE                         | 1K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                       |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                 |
| PACKAGE / CASE                   | 48-TQFP                                                                                              |
| OTHER NAMES                      | 336-1407<br>C8051F360GQ                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                    |
| NUMBER OF I/O                    | 39                                                                                                   |
| 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 100MHz 32KB (32K x 8) FLASH 48-QFP (7x7)                     |
| DATA CONVERTERS                  | A/D 17x10b; D/A 1x10b                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                 |
| CONNECTIVITY                     | EBI/EMI, SMBus (2-Wire/I²C), SPI, UART/USART                                                         |
| BASE PART NUMBER                 | C8051F36                                                                                             |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F360-GQ | C8051F360-GQ Distributor             | C8051F360-GQ Supplier                        |
| C8051F360-GQ Price                       | C8051F360-GQ Pictures                | C8051F360-GQ Image                           |
| C8051F360-GQ PDF Datasheet               | C8051F360-GQ Download Datasheet      | C8051F360-GQ Datasheet                       |
| C8051F360-GQ Stock                       | Buy C8051F360-GQ                     | Buy Energy Micro (Silicon Labs) C8051F360-GQ |
| Energy Micro (Silicon Labs) C8051F360-GQ | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F360-GQ | Energy Micro C8051F360-GQ            | Energy Micro (Silicon Labs) C8051F360-GQ     |
| Silicon Laboratories C8051F360-GQ        | Silicon Labs C8051F360-GQ            |                                              |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          |
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| <div><div><b>C8051F353-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 28MLP<br/>In stock: 25511 pcs<br/><div>RFQ</div></div></div>  | <div><div><b>C8051F361-C-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 15586 pcs<br/><div>RFQ</div></div></div> |
| <div><div><b>C8051F353R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 28MLP<br/>In stock: 7018 pcs<br/><div>RFQ</div></div></div>     | <div><div><b>C8051F360-TB-K</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD TARGET/PROTO W/C8051F360<br/>In stock: 1968 pcs<br/><div>RFQ</div></div></div>  |
| <div><div><b>C8051F361-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 4532 pcs<br/><div>RFQ</div></div></div> | <div><div><b>C8051F360-C-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 10502 pcs<br/><div>RFQ</div></div></div>  |
| <div><div><b>C8051F353</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 28MLP<br/>In stock: 3421 pcs<br/><div>RFQ</div></div></div>      | <div><div><b>C8051F360-C-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 11771 pcs<br/><div>RFQ</div></div></div> |
| <div><div><b>C8051F360DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV FOR C8051F360 FAMILY<br/>In stock: 920 pcs<br/><div>RFQ</div></div></div>    | <div><div><b>C8051F360-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 6093 pcs<br/><div>RFQ</div></div></div>    |
| <div><div><b>C8051F353-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB FLASH 28MLP<br/>In stock: 21796 pcs<br/><div>RFQ</div></div></div> | <div><div><b>C8051F361-C-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 12724 pcs<br/><div>RFQ</div></div></div>  |