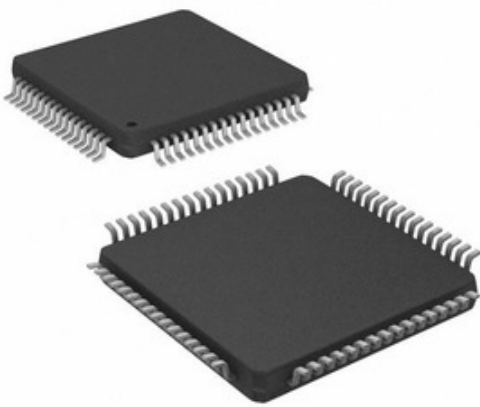




Energy Micro (Silicon Labs)



C8051F065-GQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F065-GQ                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 64KB FLASH 64TQFP                                                                                |
| Datasheets:         |  C8051F065-GQ.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

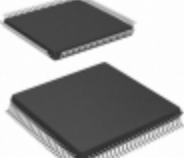
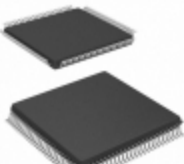
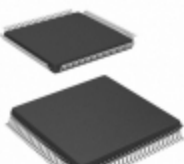
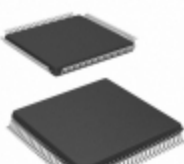
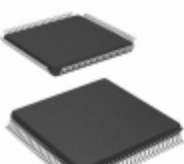
Specifications of C8051F065-GQ

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F065-GQ                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 64TQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DATA SHEET                       |  C8051F065-GQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                      |
| SPEED                            | 25MHz                                                                                                |
| SERIES                           | C8051F06x                                                                                            |
| RAM SIZE                         | 4.25K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                 |
| PACKAGE / CASE                   | 64-TQFP                                                                                              |
| OTHER NAMES                      | 336-1220<br>C8051F065GQ                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                    |
| NUMBER OF I/O                    | 24                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| EEPROM SIZE                      | -                                                                                                    |
| DETAILED DESCRIPTION             | 8051 C8051F06x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 64-TQFP (10x10)                   |
| DATA CONVERTERS                  | A/D 2x16b                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                 |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                  |
| BASE PART NUMBER                 | C8051F06                                                                                             |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051F065-GQ | C8051F065-GQ Distributor             | C8051F065-GQ Supplier                        |
| C8051F065-GQ Price                       | C8051F065-GQ Pictures                | C8051F065-GQ Image                           |
| C8051F065-GQ PDF Datasheet               | C8051F065-GQ Download Datasheet      | C8051F065-GQ Datasheet                       |
| C8051F065-GQ Stock                       | Buy C8051F065-GQ                     | Buy Energy Micro (Silicon Labs) C8051F065-GQ |
| Energy Micro (Silicon Labs) C8051F065-GQ | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051F065-GQ | Energy Micro C8051F065-GQ            | Energy Micro (Silicon Labs) C8051F065-GQ     |
| Silicon Laboratories C8051F065-GQ        | Silicon Labs C8051F065-GQ            |                                              |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>C8051F066-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>C8051F064R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>C8051F064EK-U</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL FOR C8051F064<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>C8051F065R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>C8051F065</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>C8051F064-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051F064EK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL FOR C8051F064<br/>In stock: 1 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>C8051F066-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051F065-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051F066R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>C8051F066</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>C8051F064-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |