



Energy Micro (Silicon Labs)

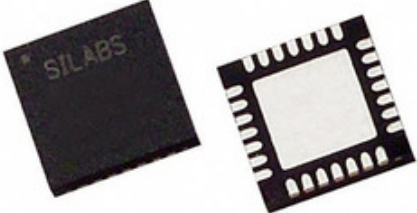


Image may be representation. See specifications for product details.

C8051F321

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F321                                                                                                            |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                          |
| Product description | IC MCU 8BIT 16KB FLASH 28MLP                                                                                         |
| Datasheets:         |  C8051F321.pdf                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3621 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

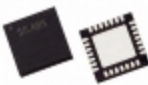
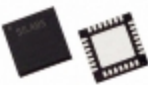
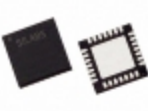
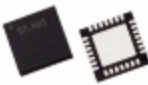
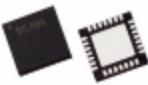
Specifications of C8051F321

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F321                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 28MLP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                |
| QUANTITY AVAILABLE               | 3621 pcs                                                                                          |
| DATA SHEET                       |  C8051F321.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 28-MLP (5x5)                                                                                      |
| SPEED                            | 25MHz                                                                                             |
| SERIES                           | C8051F32x                                                                                         |
| RAM SIZE                         | 2.25K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                             |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                                |
| PACKAGING                        | Tube                                                                                              |
| PACKAGE / CASE                   | 28-VFQFN Exposed Pad                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                 |
| NUMBER OF I/O                    | 21                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                |
| EEPROM SIZE                      | -                                                                                                 |
| DETAILED DESCRIPTION             | 8051 C8051F32x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 28-MLP (5x5)                   |
| DATA CONVERTERS                  | A/D 13x10b                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                             |
| CORE PROCESSOR                   | 8051                                                                                              |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART, USB                                                          |
| BASE PART NUMBER                 | C8051F32                                                                                          |

Related Tags

|                                       |                                      |                                           |
|---------------------------------------|--------------------------------------|-------------------------------------------|
| Energy Micro (Silicon Labs) C8051F321 | C8051F321 Distributor                | C8051F321 Supplier                        |
| C8051F321 Price                       | C8051F321 Pictures                   | C8051F321 Image                           |
| C8051F321 PDF Datasheet               | C8051F321 Download Datasheet         | C8051F321 Datasheet                       |
| C8051F321 Stock                       | Buy C8051F321                        | Buy Energy Micro (Silicon Labs) C8051F321 |
| Energy Micro (Silicon Labs) C8051F321 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor   |
| Energy Micro (Silicon Labs) C8051F321 | Energy Micro C8051F321               | Energy Micro (Silicon Labs) C8051F321     |
| Silicon Laboratories C8051F321        | Silicon Labs C8051F321               |                                           |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>C8051F321R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28MLP<br/>In stock: 5991 pcs</div><div>RFQ</div></div>      | <div><div><b>C8051F326-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 66236 pcs</div><div>RFQ</div></div>  |
| <div><div><b>C8051F320-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 17268 pcs</div><div>RFQ</div></div>  | <div><div><b>C8051F326-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 56511 pcs</div><div>RFQ</div></div>   |
| <div><div><b>C8051F320DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051F320/F321<br/>In stock: 1090 pcs</div><div>RFQ</div></div>       | <div><div><b>C8051F320-TB-K</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD PROTOTYPING W/C8051F320<br/>In stock: 1627 pcs</div><div>RFQ</div></div> |
| <div><div><b>C8051F321-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 18240 pcs</div><div>RFQ</div></div>   | <div><div><b>C8051F321-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 18301 pcs</div><div>RFQ</div></div>  |
| <div><div><b>C8051F320-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 17510 pcs</div><div>RFQ</div></div> | <div><div><b>C8051F320DK-U</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051F320/F321<br/>In stock: 3322 pcs</div><div>RFQ</div></div>     |
| <div><div><b>C8051F326-GDI</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH DIE<br/>In stock: 3605 pcs</div><div>RFQ</div></div>     | <div><div><b>C8051F320R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 4983 pcs</div><div>RFQ</div></div>     |