

**SILICON LABS**

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

### C8051T602-GS

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051T602-GS                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                        |
| Product description | IC MCU 8BIT 4KB OTP 14SOIC                                                                                         |
| Datasheets:         |  <a href="#">C8051T602-GS.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Stock Condition     | 90268 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

#### Specifications of C8051T602-GS

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051T602-GS                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 4KB OTP 14SOIC                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE               | 90268 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">C8051T602-GS.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                              |
| SPEED                            | 25MHz                                                                                                                |
| SERIES                           | C8051T60x                                                                                                            |
| RAM SIZE                         | 256 x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                  |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                                         |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                                           |
| PACKAGING                        | Tube                                                                                                                 |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                       |
| OTHER NAMES                      | 336-1655-5                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                    |
| NUMBER OF I/O                    | 8                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| EEPROM SIZE                      | -                                                                                                                    |
| DETAILED DESCRIPTION             | 8051 C8051T60x Microcontroller IC 8-Bit 25MHz 4KB (4K x 8) OTP 14-SOIC                                               |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                                 |
| CONNECTIVITY                     | SMBus (2-Wire/I <sup>2</sup> C), UART/USART                                                                          |
| BASE PART NUMBER                 | C8051T60                                                                                                             |

#### Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051T602-GS | C8051T602-GS Distributor             | C8051T602-GS Supplier                        |
| C8051T602-GS Price                       | C8051T602-GS Pictures                | C8051T602-GS Image                           |
| C8051T602-GS PDF Datasheet               | C8051T602-GS Download Datasheet      | C8051T602-GS Datasheet                       |
| C8051T602-GS Stock                       | Buy C8051T602-GS                     | Buy Energy Micro (Silicon Labs) C8051T602-GS |
| Energy Micro (Silicon Labs) C8051T602-GS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051T602-GS | Energy Micro C8051T602-GS            | Energy Micro (Silicon Labs) C8051T602-GS     |
| Silicon Laboratories C8051T602-GS        | Silicon Labs C8051T602-GS            |                                              |

#### Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>SILICON LABS</b></div> <div><b>C8051T603-GSR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB OTP 14SOIC<br/>In stock: 99895 pcs</div> <div>RFQ</div> | <div><b>MICROCHIP</b></div> <div><b>C8051T601-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 11QFN<br/>In stock: 85048 pcs</div> <div>RFQ</div>     |
| <div><b>SILICON LABS</b></div> <div><b>C8051T601-GS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 14SOIC<br/>In stock: 72777 pcs</div> <div>RFQ</div>  | <div><b>MICROCHIP</b></div> <div><b>C8051T602-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB OTP 11QFN<br/>In stock: 76408 pcs</div> <div>RFQ</div>     |
| <div><b>MICROCHIP</b></div> <div><b>C8051T601-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 11QFN<br/>In stock: 82259 pcs</div> <div>RFQ</div>      | <div><b>MICROCHIP</b></div> <div><b>C8051T602-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB OTP 11QFN<br/>In stock: 80321 pcs</div> <div>RFQ</div>      |
| <div><b>SILICON LABS</b></div> <div><b>C8051T601-GSR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 14SOIC<br/>In stock: 88591 pcs</div> <div>RFQ</div> | <div><b>MICROCHIP</b></div> <div><b>C8051T603-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB OTP 11QFN<br/>In stock: 96221 pcs</div> <div>RFQ</div>      |
| <div><b>MICROCHIP</b></div> <div><b>C8051T603-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB OTP 11QFN<br/>In stock: 93297 pcs</div> <div>RFQ</div>     | <div><b>SILICON LABS</b></div> <div><b>C8051T602-GSR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB OTP 14SOIC<br/>In stock: 87116 pcs</div> <div>RFQ</div> |
| <div><b>SILICON LABS</b></div> <div><b>C8051T603-GS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 4KB OTP 14SOIC<br/>In stock: 85395 pcs</div> <div>RFQ</div>  | <div><b>MICROCHIP</b></div> <div><b>C8051T604-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 2KB OTP 11QFN<br/>In stock: 86906 pcs</div> <div>RFQ</div>      |