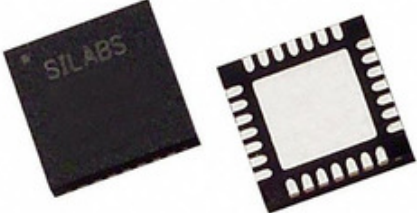




Energy Micro (Silicon Labs)



C8051T613-GMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051T613-GMR                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 8KB OTP 28QFN                                                                                    |
|                     |  1.C8051T613-GMR.pdf        |
|                     |  2.C8051T613-GMR.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Stock Condition     | 57230 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

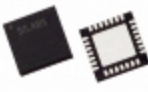
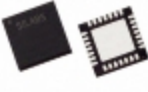
Specifications of C8051T613-GMR

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051T613-GMR                                                                                                                                                                                                      |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 8KB OTP 28QFN                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 57230 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.C8051T613-GMR.pdf<br> 2.C8051T613-GMR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (5x5)                                                                                                                                                                                                       |
| SPEED                            | 25MHz                                                                                                                                                                                                              |
| SERIES                           | C8051T61x                                                                                                                                                                                                          |
| RAM SIZE                         | 1.25K x 8                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 28-VFQFN Exposed Pad                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | 8051 C8051T61x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) OTP 28-QFN (5x5)                                                                                                                                        |
| DATA CONVERTERS                  | A/D 17x10b                                                                                                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                               |
| CONNECTIVITY                     | SMBus (2-Wire/I²C), SPI, UART/USART                                                                                                                                                                                |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) C8051T613-GMR | C8051T613-GMR Distributor            | C8051T613-GMR Supplier                        |
| C8051T613-GMR Price                       | C8051T613-GMR Pictures               | C8051T613-GMR Image                           |
| C8051T613-GMR PDF Datasheet               | C8051T613-GMR Download Datasheet     | C8051T613-GMR Datasheet                       |
| C8051T613-GMR Stock                       | Buy C8051T613-GMR                    | Buy Energy Micro (Silicon Labs) C8051T613-GMR |
| Energy Micro (Silicon Labs) C8051T613-GMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051T613-GMR | Energy Micro C8051T613-GMR           | Energy Micro (Silicon Labs) C8051T613-GMR     |
| Silicon Laboratories C8051T613-GMR        | Silicon Labs C8051T613-GMR           |                                               |

Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>C8051T615-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 28QFN<br/>In stock: 45755 pcs<br/>RFQ</div>   |  <div><b>C8051T614-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 32LQFP<br/>In stock: 37219 pcs<br/>RFQ</div> |
|  <div><b>C8051T612-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 32LQFP<br/>In stock: 36533 pcs<br/>RFQ</div> |  <div><b>C8051T616-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 24QFN<br/>In stock: 38167 pcs<br/>RFQ</div>  |
|  <div><b>C8051T615-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 28QFN<br/>In stock: 44100 pcs<br/>RFQ</div>  |  <div><b>C8051T613-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 28QFN<br/>In stock: 47501 pcs<br/>RFQ</div>   |
|  <div><b>C8051T611-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 28QFN<br/>In stock: 39655 pcs<br/>RFQ</div> |  <div><b>C8051T614-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 32LQFP<br/>In stock: 37537 pcs<br/>RFQ</div>  |
|  <div><b>C8051T616-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 24QFN<br/>In stock: 37578 pcs<br/>RFQ</div> |  <div><b>C8051T612-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 8KB OTP 32LQFP<br/>In stock: 37177 pcs<br/>RFQ</div>  |
|  <div><b>C8051T610DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV FOR C8051T61X MCU'S<br/>In stock: 287 pcs<br/>RFQ</div>    |  <div><b>C8051T611-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 28QFN<br/>In stock: 31763 pcs<br/>RFQ</div>  |