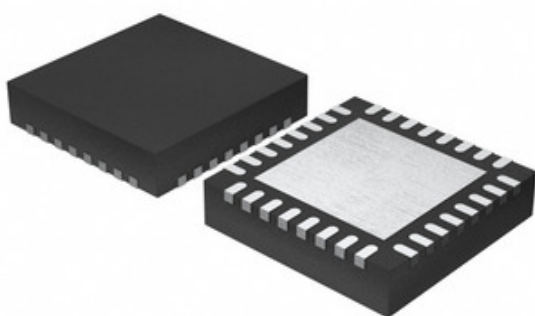




Energy Micro (Silicon Labs)



C8051T627-B-GMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051T627-B-GMR                                                                                              |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 32KB OTP 32QFN                                                                                   |
| Datasheets:         |  C8051T627-B-GMR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

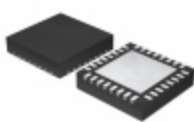
Specifications of C8051T627-B-GMR

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051T627-B-GMR                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 32KB OTP 32QFN                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| DATA SHEET                       |  C8051T627-B-GMR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.25 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                            |
| SPEED                            | 48 MIPS                                                                                                 |
| SERIES                           | C8051T62x                                                                                               |
| RAM SIZE                         | 3.25K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | OTP                                                                                                     |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                          |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 24                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | 8051 C8051T62x Microcontroller IC 8-Bit 48 MIPS 32KB (32K x 8) OTP 32-QFN (5x5)                         |
| DATA CONVERTERS                  | A/D 21x10b                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                   |
| CORE PROCESSOR                   | 8051                                                                                                    |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI, UART/USART, USB                                                                  |

Related Tags

|                                             |                                      |                                                 |
|---------------------------------------------|--------------------------------------|-------------------------------------------------|
| Energy Micro (Silicon Labs) C8051T627-B-GMR | C8051T627-B-GMR Distributor          | C8051T627-B-GMR Supplier                        |
| C8051T627-B-GMR Price                       | C8051T627-B-GMR Pictures             | C8051T627-B-GMR Image                           |
| C8051T627-B-GMR PDF Datasheet               | C8051T627-B-GMR Download Datasheet   | C8051T627-B-GMR Datasheet                       |
| C8051T627-B-GMR Stock                       | Buy C8051T627-B-GMR                  | Buy Energy Micro (Silicon Labs) C8051T627-B-GMR |
| Energy Micro (Silicon Labs) C8051T627-B-GMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor         |
| Energy Micro (Silicon Labs) C8051T627-B-GMR | Energy Micro C8051T627-B-GMR         | Energy Micro (Silicon Labs) C8051T627-B-GMR     |
| Silicon Laboratories C8051T627-B-GMR        | Silicon Labs C8051T627-B-GMR         |                                                 |

Related Products



**C8051T626-B-GM**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB OTP 32QFN

In stock: 60 pcs

RFQ



**C8051T630DB20**

Manufacturers: Energy Micro (Silicon Labs)

Description: BOARD SOCKET DAUGHTER 20-QFN

In stock: 1 pcs

RFQ



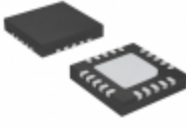
**C8051T623-GMR**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB OTP 24QFN

In stock: Out stock

RFQ



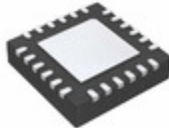
**C8051T630-GM**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB OTP 20QFN

In stock: 455 pcs

RFQ



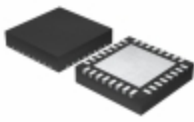
**C8051T623-GM**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB OTP 24QFN

In stock: 51 pcs

RFQ



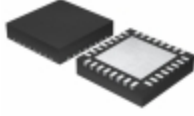
**C8051T626-B-GMR**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB OTP 32QFN

In stock: Out stock

RFQ



**C8051T627-B-GM**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 32KB OTP 32QFN

In stock: Out stock

RFQ



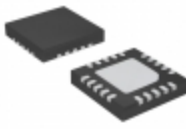
**C8051T630-GDI**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB OTP DIE

In stock: Out stock

RFQ



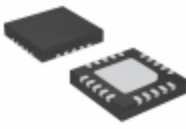
**C8051T631-GM**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB OTP 20QFN

In stock: Out stock

RFQ



**C8051T630-GMR**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 8KB OTP 20QFN

In stock: Out stock

RFQ



**C8051T622DK**

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR C8051T622

In stock: 2 pcs

RFQ



**C8051T630DK**

Manufacturers: Energy Micro (Silicon Labs)

Description: KIT DEV FOR C8051T630 FAMILY

In stock: Out stock

RFQ