



SILICON LABS

Energy Micro (Silicon Labs)



C8051T620-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051T620-GM                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 16KB OTP 32QFN                                                                                   |
| Datasheets:         |  C8051T620-GM.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 56179 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

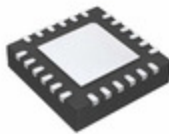
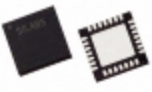
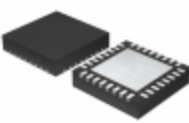
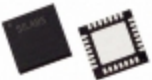
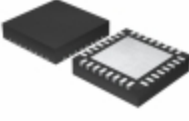
Specifications of C8051T620-GM

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051T620-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 16KB OTP 32QFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 56179 pcs                                                                                            |
| DATA SHEET                       |  C8051T620-GM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.25 V                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                         |
| SPEED                            | 48 MIPS                                                                                              |
| SERIES                           | C8051T62x                                                                                            |
| RAM SIZE                         | 1.25K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | OTP                                                                                                  |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                       |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                 |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                 |
| OTHER NAMES                      | 336-2039                                                                                             |
| 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 16KB (16K 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                                                               |
| BASE PART NUMBER                 | C8051T62                                                                                             |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) C8051T620-GM | C8051T620-GM Distributor             | C8051T620-GM Supplier                        |
| C8051T620-GM Price                       | C8051T620-GM Pictures                | C8051T620-GM Image                           |
| C8051T620-GM PDF Datasheet               | C8051T620-GM Download Datasheet      | C8051T620-GM Datasheet                       |
| C8051T620-GM Stock                       | Buy C8051T620-GM                     | Buy Energy Micro (Silicon Labs) C8051T620-GM |
| Energy Micro (Silicon Labs) C8051T620-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) C8051T620-GM | Energy Micro C8051T620-GM            | Energy Micro (Silicon Labs) C8051T620-GM     |
| Silicon Laboratories C8051T620-GM        | Silicon Labs C8051T620-GM            |                                              |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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| <div></div> <div><b>C8051T622-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 24QFN<br/>In stock: 68275 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>C8051T617-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 24QFN<br/>In stock: 43115 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051T617-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 24QFN<br/>In stock: 53888 pcs<br/><div>RFQ</div></div> | <div></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/><div>RFQ</div></div> |
| <div></div> <div><b>C8051T620DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEV KIT FOR C8051T620<br/>In stock: 341 pcs<br/><div>RFQ</div></div>          | <div></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/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051T621-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 32QFN<br/>In stock: 73704 pcs<br/><div>RFQ</div></div> | <div></div> <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/><div>RFQ</div></div>   |
| <div></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/><div>RFQ</div></div>  | <div></div> <div><b>C8051T621-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 32QFN<br/>In stock: 64548 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>C8051T620-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB OTP 32QFN<br/>In stock: 71100 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>C8051T620DB32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: SOCKET ADAPTER FOR C8051T620<br/>In stock: 908 pcs<br/><div>RFQ</div></div> |