



Image may be representation. See specifications for product details.

STM32L031G6U7STR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L031G6U7STR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                     |
| Product description | UFQFPN 4X4X0.55 28L                                                                                                    |
| Datasheets:         |  <a href="#">STM32L031G6U7STR.pdf</a> |
| Stock Condition     | 80472 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

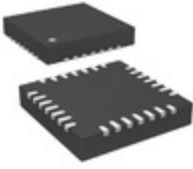
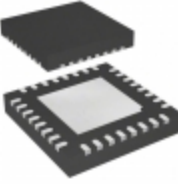
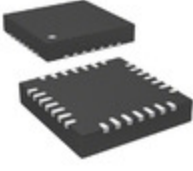
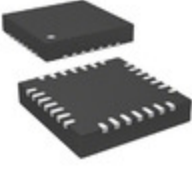
Specifications of STM32L031G6U7STR

|                                |                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | STM32L031G6U7STR                                                                                                         |
| MANUFACTURER                   | STMicroelectronics                                                                                                       |
| DESCRIPTION                    | UFQFPN 4X4X0.55 28L                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                                          |
| QUANTITY AVAILABLE             | 80472 pcs                                                                                                                |
| DATA SHEET                     |  <a href="#">STM32L031G6U7STR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)     | 1.8 V ~ 3.6 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE        | 28-UFQFPN (4x4)                                                                                                          |
| SPEED                          | 32MHz                                                                                                                    |
| SERIES                         | STM32L0                                                                                                                  |
| RAM SIZE                       | 8K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE            | 32KB (32K x 8)                                                                                                           |
| PERIPHERALS                    | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                               |
| PACKAGING                      | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                 | 28-UFQFN                                                                                                                 |
| OSCILLATOR TYPE                | Internal                                                                                                                 |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                                                       |
| NUMBER OF I/O                  | 21                                                                                                                       |
| EEPROM SIZE                    | 1K x 8                                                                                                                   |
| DETAILED DESCRIPTION           | ARM® Cortex®-M0+ STM32L0 Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH 28-UFQFPN (4x4)                            |
| DATA CONVERTERS                | A/D 10x12b                                                                                                               |
| CORE SIZE                      | 32-Bit                                                                                                                   |
| CORE PROCESSOR                 | ARM® Cortex®-M0+                                                                                                         |
| CONNECTIVITY                   | I²C, IrDA, LINbus, SPI, UART/USART                                                                                       |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L031G6U7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 28QFPN<br/>In stock: 37816 pcs<br/><div>RFQ</div></div>   |  <div><b>STM32L031K6T7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br/>In stock: 28708 pcs<br/><div>RFQ</div></div>     |
|  <div><b>STM32L031F6P7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 20TSSOP<br/>In stock: 45712 pcs<br/><div>RFQ</div></div>  |  <div><b>STM32L031K6U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32UFQFN<br/>In stock: 84808 pcs<br/><div>RFQ</div></div>    |
|  <div><b>STM32L031K6T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br/>In stock: 39395 pcs<br/><div>RFQ</div></div>   |  <div><b>STM32L031G6U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 28UFQFPN<br/>In stock: 93551 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32L031K6T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br/>In stock: 78065 pcs<br/><div>RFQ</div></div> |  <div><b>STM32L031K4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32QFPN<br/>In stock: 99013 pcs<br/><div>RFQ</div></div>     |
|  <div><b>STM32L031G4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 28QFPN<br/>In stock: 98569 pcs<br/><div>RFQ</div></div>   |  <div><b>STM32L031G6U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 28QFPN<br/>In stock: 47434 pcs<br/><div>RFQ</div></div>     |
|  <div><b>STM32L031F6P6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: TSSOP 20 BODY 4.4 PI<br/>In stock: 83330 pcs<br/><div>RFQ</div></div>           |  <div><b>STM32L031K4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32UFQFPN<br/>In stock: 70564 pcs<br/><div>RFQ</div></div> |