



STM32L151C8U6TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L151C8U6TR                                                                                              |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 64KB FLASH 48UFQFPN                                                                             |
| Datasheets:         |  STM32L151C8U6TR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 38864 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

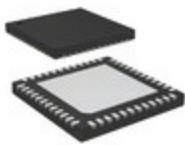
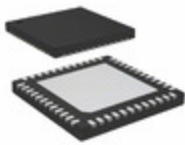
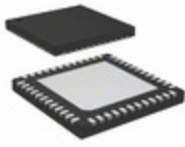
Specifications of STM32L151C8U6TR

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L151C8U6TR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 48UFQFPN                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 38864 pcs                                                                                               |
| DATA SHEET                       |  STM32L151C8U6TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                           |
| SPEED                            | 32MHz                                                                                                   |
| SERIES                           | STM32L1                                                                                                 |
| RAM SIZE                         | 10K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 37                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | 4K x 8                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH                            |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                 |
| BASE PART NUMBER                 | STM32L151                                                                                               |

Related Tags

|                                    |                                    |                                        |
|------------------------------------|------------------------------------|----------------------------------------|
| STMicroelectronics STM32L151C8U6TR | STM32L151C8U6TR Distributor        | STM32L151C8U6TR Supplier               |
| STM32L151C8U6TR Price              | STM32L151C8U6TR Pictures           | STM32L151C8U6TR Image                  |
| STM32L151C8U6TR PDF Datasheet      | STM32L151C8U6TR Download Datasheet | STM32L151C8U6TR Datasheet              |
| STM32L151C8U6TR Stock              | Buy STM32L151C8U6TR                | Buy STMicroelectronics STM32L151C8U6TR |
| STMicroelectronics STM32L151C8U6TR | STMicroelectronics Supplier        | STMicroelectronics Distributor         |
| STM32L151C8U6TR                    |                                    |                                        |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L151C8U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48UFQFPN<br/>In stock: 23778 pcs<br/><div>RFQ</div></div>   |  <div><b>STM32L151CBT6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 19866 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32L151C8U6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48UFQFPN<br/>In stock: 41597 pcs<br/><div>RFQ</div></div>  |  <div><b>STM32L151C8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 40638 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32L151C8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 23747 pcs<br/><div>RFQ</div></div>     |  <div><b>STM32L151CBT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 41019 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32L151C6U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48UFQFPN<br/>In stock: 48100 pcs<br/><div>RFQ</div></div> |  <div><b>STM32L151CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 19266 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32L151CBU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48QFPN<br/>In stock: 20651 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32L151C8T6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 22567 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32L151CBT6D</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: 37334 pcs<br/><div>RFQ</div></div>                 |  <div><b>STM32L151CBT6ATR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: 39084 pcs<br/><div>RFQ</div></div>              |