



STM32L151VCT6TR

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L151VCT6TR                                                                                                         |
| Manufacturer/Brand: | STMicroelectronics                                                                                                      |
| Product description | IC MCU 32BIT 256KB FLASH 100LQFP                                                                                        |
| Datasheets:         | <a href="#">1.STM32L151VCT6TR.pdf</a><br><a href="#">2.STM32L151VCT6TR.pdf</a><br><a href="#">3.STM32L151VCT6TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

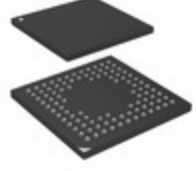
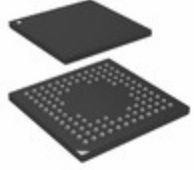
Specifications of STM32L151VCT6TR

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L151VCT6TR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       | <a href="#">1.STM32L151VCT6TR.pdf</a><br><a href="#">2.STM32L151VCT6TR.pdf</a><br><a href="#">3.STM32L151VCT6TR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                        |
| SPEED                            | 32MHz                                                                                                                   |
| SERIES                           | STM32L1                                                                                                                 |
| RAM SIZE                         | 32K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 83                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 30 Weeks                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | 8K x 8                                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)                         |
| DATA CONVERTERS                  | A/D 25x12b; D/A 2x12b                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                                 |

Related Tags

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Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L151VET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 572 pcs<br/>RFQ</div>     |  <div><b>STM32L151VCT6ATR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>STM32L151VDT7X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>STM32L151VDT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 446 pcs<br/>RFQ</div>      |
|  <div><b>STM32L151VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>STM32L151VET6D</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: Out stock<br/>RFQ</div>                 |
|  <div><b>STM32L151VCH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLSH 100UFBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>STM32L151VCT6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>STM32L151VCT6D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>STM32L151VCH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLSH 100UFBGA<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>STM32L151VET6DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: Out stock<br/>RFQ</div>              |  <div><b>STM32L151VDY6XTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: WLCSP 104L DIE 437 P<br/>In stock: Out stock<br/>RFQ</div>             |