



STM32L083CZT6TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L083CZT6TR                                                                                              |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 192KB FLASH 48LQFP                                                                              |
| Datasheets:         |  STM32L083CZT6TR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 28739 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

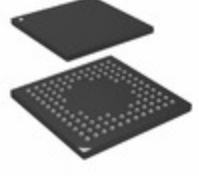
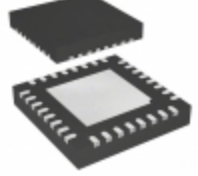
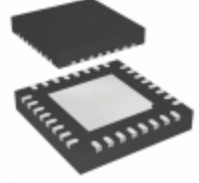
Specifications of STM32L083CZT6TR

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L083CZT6TR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 192KB FLASH 48LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 28739 pcs                                                                                               |
| DATA SHEET                       |  STM32L083CZT6TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                           |
| SPEED                            | 32MHz                                                                                                   |
| SERIES                           | STM32L0                                                                                                 |
| RAM SIZE                         | 20K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 192KB (192K x 8)                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 40                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | 6K x 8                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ STM32L0 Microcontroller IC 32-Bit 32MHz 192KB (192K x 8) FLASH                         |
| DATA CONVERTERS                  | A/D 10x12b, D/A 2x12b                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                 |

Related Tags

|                                    |                                    |                                        |
|------------------------------------|------------------------------------|----------------------------------------|
| STMicroelectronics STM32L083CZT6TR | STM32L083CZT6TR Distributor        | STM32L083CZT6TR Supplier               |
| STM32L083CZT6TR Price              | STM32L083CZT6TR Pictures           | STM32L083CZT6TR Image                  |
| STM32L083CZT6TR PDF Datasheet      | STM32L083CZT6TR Download Datasheet | STM32L083CZT6TR Datasheet              |
| STM32L083CZT6TR Stock              | Buy STM32L083CZT6TR                | Buy STMicroelectronics STM32L083CZT6TR |
| STMicroelectronics STM32L083CZT6TR | STMicroelectronics Supplier        | STMicroelectronics Distributor         |
| STM32L083CZT6TR                    |                                    |                                        |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>STM32L083CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 43021 pcs</div><div>RFQ</div></div>  | <div><div><b>STM32L082KZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 32LQFP<br/>In stock: 48793 pcs</div><div>RFQ</div></div>    |
| <div><div><b>STM32L083V8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 30035 pcs</div><div>RFQ</div></div>  | <div><div><b>STM32L082CZY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 49WLCSP<br/>In stock: 42565 pcs</div><div>RFQ</div></div> |
| <div><div><b>STM32L083RBH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64TFBGA<br/>In stock: 45475 pcs</div><div>RFQ</div></div> | <div><div><b>STM32L083CZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 48LQFP<br/>In stock: 33818 pcs</div><div>RFQ</div></div>    |
| <div><div><b>STM32L083VBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 33962 pcs</div><div>RFQ</div></div> | <div><div><b>STM32L083RZH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64TFBGA<br/>In stock: 35029 pcs</div><div>RFQ</div></div>   |
| <div><div><b>STM32L083VZ16</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 100FBGA<br/>In stock: 35036 pcs</div><div>RFQ</div></div> | <div><div><b>STM32L082KZU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 32QFPN<br/>In stock: 39944 pcs</div><div>RFQ</div></div>    |
| <div><div><b>STM32L082KBU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 32QFPN<br/>In stock: 59626 pcs</div><div>RFQ</div></div>  | <div><div><b>STM32L083RZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64LQFP<br/>In stock: 34411 pcs</div><div>RFQ</div></div>    |