



STM32L071VZT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L071VZT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 192KB FLASH 100LQFP                                                                             |
| Datasheets:         |  STM32L071VZT6.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23927 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of STM32L071VZT6

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L071VZT6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 192KB FLASH 100LQFP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 23927 pcs                                                                                             |
| DATA SHEET                       |  STM32L071VZT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP                                                                                              |
| 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, POR, PWM, WDT                                                            |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 100-LQFP                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 84                                                                                                    |
| 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 100-LQFP              |
| DATA CONVERTERS                  | A/D 16x12b                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                      |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                            |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L071RZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64LQFP<br/>In stock: 23962 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32L072CZY6DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: WLCSP 49L DIE 447 P<br/>In stock: 31822 pcs<br/><div>RFQ</div></div>            |
|  <div><b>STM32L072CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 21738 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32L072CZT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: 42020 pcs<br/><div>RFQ</div></div>               |
|  <div><b>STM32L072CZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 48LQFP<br/>In stock: 41556 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32L071V8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 25551 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32L071RZH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64BGA<br/>In stock: 47594 pcs<br/><div>RFQ</div></div>     |  <div><b>STM32L071VBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 24034 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32L072CBY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 49WLCSP<br/>In stock: 60142 pcs<br/><div>RFQ</div></div> |  <div><b>STM32L071V8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: 48437 pcs<br/><div>RFQ</div></div>              |
|  <div><b>STM32L072CZY3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: WLCSP 49L DIE 447 P<br/>In stock: 34013 pcs<br/><div>RFQ</div></div>              |  <div><b>STM32L071RZT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64LQFP<br/>In stock: 45440 pcs<br/><div>RFQ</div></div> |