



STM32L071VBT6

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L071VBT6                                                                                                     |
| Manufacturer/Brand: | STMicroelectronics                                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                  |
| Datasheets:         | <a href="#">1.STM32L071VBT6.pdf</a><br><a href="#">2.STM32L071VBT6.pdf</a><br><a href="#">3.STM32L071VBT6.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

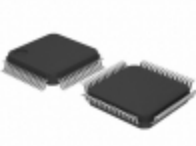
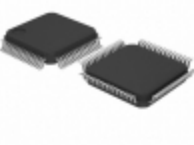
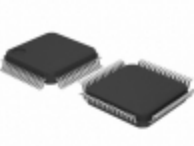
Specifications of STM32L071VBT6

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L071VBT6                                                                                                     |
| MANUFACTURER                     | STMicroelectronics                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       | <a href="#">1.STM32L071VBT6.pdf</a><br><a href="#">2.STM32L071VBT6.pdf</a><br><a href="#">3.STM32L071VBT6.pdf</a> |
| 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              | 128KB (128K x 8)                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 100-LQFP                                                                                                          |
| OTHER NAMES                      | 497-17914<br>STM32L071VBT6-ND                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                 |
| NUMBER OF I/O                    | 84                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks                                                                                                          |
| 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 128KB (128K 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                                                                                        |

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|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L072CBY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 49WLCSP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>STM32L071V8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 466 pcs</div> <div>RFQ</div>   |
|  <div><b>STM32L071RZT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>STM32L071V8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: Out stock</div> <div>RFQ</div>            |
|  <div><b>STM32L072CZY3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: WLCSP 49L DIE 447 P<br/>In stock: Out stock</div> <div>RFQ</div>              |  <div><b>STM32L071RBT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>STM32L072CZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>    |  <div><b>STM32L071RZH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64BGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>STM32L071VZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 100LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>STM32L071RZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 64LQFP<br/>In stock: 271 pcs</div> <div>RFQ</div>   |
|  <div><b>STM32L072CZT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: Out stock</div> <div>RFQ</div>                |  <div><b>STM32L072CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |