



STM32L151VBT6D

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L151VBT6D                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 128KB FLASH 100LQFP                                                                             |
| Datasheets:         |  STM32L151VBT6D.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 22686 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

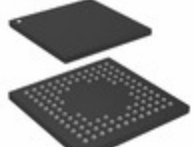
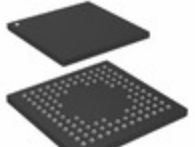
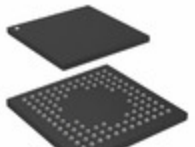
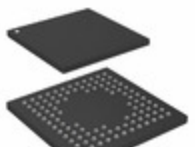
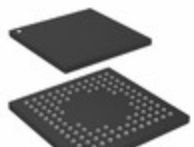
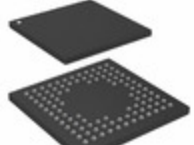
Specifications of STM32L151VBT6D

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L151VBT6D                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 22686 pcs                                                                                              |
| DATA SHEET                       |  STM32L151VBT6D.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                       |
| SPEED                            | 32MHz                                                                                                  |
| SERIES                           | STM32L1                                                                                                |
| RAM SIZE                         | 16K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                        |
| PACKAGING                        | Tray                                                                                                   |
| 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)                                                                                          |
| 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 128KB (128K x 8) FLASH 100-LQFP (14x14)        |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                |

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|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>STM32L151VBT6</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 17039 pcs</div><div>RFQ</div></div>    | <div><div>STM32L151VCT6A</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 22170 pcs</div><div>RFQ</div></div>  |
| <div><div>STM32L151VBT6A</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 16908 pcs</div><div>RFQ</div></div>   | <div><div>STM32L151VCH6</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLSH 100UFBGA<br/>In stock: 29613 pcs</div><div>RFQ</div></div>   |
| <div><div>STM32L151VCH6TR</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLSH 100UFBGA<br/>In stock: 29162 pcs</div><div>RFQ</div></div>  | <div><div>STM32L151VBT6TR</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 30077 pcs</div><div>RFQ</div></div> |
| <div><div>STM32L151VBH6D</div><div>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.60 100L<br/>In stock: 32436 pcs</div><div>RFQ</div></div>                | <div><div>STM32L151VCT6</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 16538 pcs</div><div>RFQ</div></div>   |
| <div><div>STM32L151VBH6A</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100UBGA<br/>In stock: 30259 pcs</div><div>RFQ</div></div>   | <div><div>STM32L151VBH6</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100BGA<br/>In stock: 30690 pcs</div><div>RFQ</div></div>    |
| <div><div>STM32L151VCT6ATR</div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 26494 pcs</div><div>RFQ</div></div> | <div><div>STM32L151VBH6TR</div><div>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.60 100L<br/>In stock: 28642 pcs</div><div>RFQ</div></div>              |