

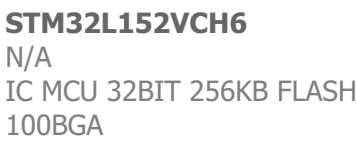
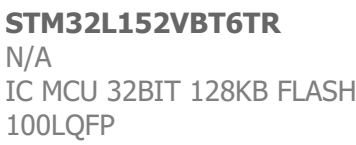
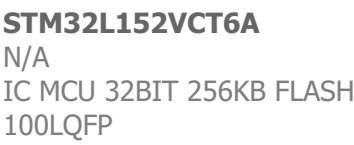
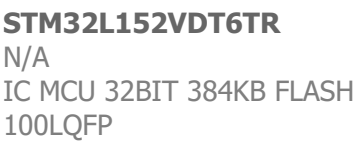
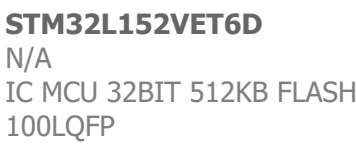
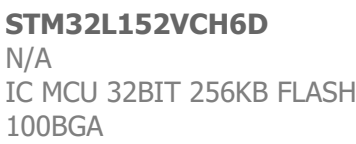
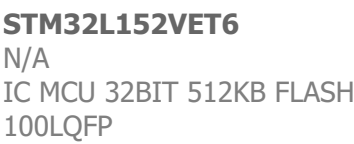
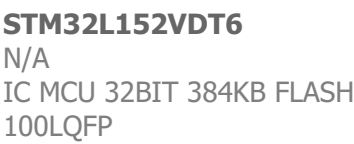
|                           |                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------|
| Manufacturer Part Number: | STM32L152VCT6D                                                                                     |
| Manufacturer/Brand:       | N/A                                                                                                |
| Part of Description:      | IC MCU 32BIT 256KB FLASH 100LQFP                                                                   |
| RoHs Status:              |  Lead free / RoHS |
| Stock Condition:          | Compliant<br>New original, 2585 pcs Stock Available.                                               |
| Ship From:                | Hong Kong                                                                                          |
| Shipment Way:             | DHL/Fedex/TNT/UPS/EMS                                                                              |

## Specifications

|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| Part Number                | STM32L152VCT6D                                                                          |
| Manufacturer               | N/A                                                                                     |
| Description                | IC MCU 32BIT 256KB FLASH 100LQFP                                                        |
| Category                   | <a href="#">Integrated Circuits (ICs)</a> > <a href="#">Embedded - Microcontrollers</a> |
| Part Status                | 2585 pcs Stock                                                                          |
| Voltage - Supply (Vcc/Vdd) | 1.65 V ~ 3.6 V                                                                          |
| Supplier Device Package    | 100-LQFP (14x14)                                                                        |
| Speed                      | 32MHz                                                                                   |
| Series                     | STM32 L1                                                                                |
| RAM Size                   | 32K x 8                                                                                 |
| Program Memory Type        | FLASH                                                                                   |
| Program Memory Size        | 256KB (256K x 8)                                                                        |
| Peripherals                | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM,                                        |
| Packaging                  | Tray                                                                                    |
| Package / Case             | 100-LQFP                                                                                |
| Oscillator Type            | Internal                                                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                                                       |
| Number of I/O              | 83                                                                                      |
| EEPROM Size                | 8K x 8                                                                                  |
| Data Converters            | A/D 25x12b, D/A 2x12b                                                                   |
| Core Size                  | 32-Bit                                                                                  |
| Core Processor             | ARM® Cortex®-M3                                                                         |
| Connectivity               | I²C, IrDA, LIN, SPI, UART/USART, USB                                                    |

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