



Image may be representation. See specifications for product details.

STM32L151CCU6

|                     |                                                                            |
|---------------------|----------------------------------------------------------------------------|
| Part Number:        | STM32L151CCU6                                                              |
| Manufacturer/Brand: | STMicroelectronics                                                         |
| Product description | IC MCU 32BIT 256KB FLASH 48QFPN                                            |
| Datasheets:         | <a href="#">1.STM32L151CCU6.pdf</a><br><a href="#">2.STM32L151CCU6.pdf</a> |
| RoHs Status         | Lead free / RoHS Compliant                                                 |
| Ship From           | Hong Kong                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                      |

REQUEST FOR QUOTATION

Specifications of STM32L151CCU6

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L151CCU6                                                                                  |
| MANUFACTURER                     | STMicroelectronics                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48QFPN                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| DATA SHEET                       | <a href="#">1.STM32L151CCU6.pdf</a><br><a href="#">2.STM32L151CCU6.pdf</a>                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 48-UFQFPN (7x7)                                                                                |
| SPEED                            | 32MHz                                                                                          |
| SERIES                           | STM32L1                                                                                        |
| RAM SIZE                         | 32K x 8                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                          |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                           |
| OTHER NAMES                      | 497-17519<br>STM32L151CCU6-ND                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                              |
| NUMBER OF I/O                    | 37                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 30 Weeks                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| EEPROM SIZE                      | 8K x 8                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 256KB (256K x 8) FLASH 48-UFQFPN (7x7) |
| DATA CONVERTERS                  | A/D 14x12b; D/A 2x12b                                                                          |
| CORE SIZE                        | 32-Bit                                                                                         |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                        |

Related Tags

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Related Products

|                                                                                                                                                          |                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>STM32L151QEH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 132UBGA<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>STM32L151CCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: Out stock</p> <p>RFQ</p>    |
| <p><b>STM32L151QDH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 132UBGA<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>STM32L151CCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: Out stock</p> <p>RFQ</p>                  |
| <p><b>STM32L151QCH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 132UBGA<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>STM32L151CBU6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLSH 48UFQFPN<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>STM32L151CCU6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48QFPN<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>STM32L151CCT6J</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: Out stock</p> <p>RFQ</p>                 |
| <p><b>STM32L151CCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>STM32L151QDH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 132UBGA<br/>In stock: Out stock</p> <p>RFQ</p>   |
| <p><b>STM32L151R6H6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 64TFBGA<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>STM32L151CCT7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: Out stock</p> <p>RFQ</p>                |