



Image may be representation. See specifications for product details.

STM32L433VCI6

|                     |                                     |
|---------------------|-------------------------------------|
| Part Number:        | STM32L433VCI6                       |
| Manufacturer/Brand: | STMicroelectronics                  |
| Product description | IC MCU 32BIT 256KB FLASH 100BGA     |
|                     | <a href="#">1.STM32L433VCI6.pdf</a> |
|                     | <a href="#">2.STM32L433VCI6.pdf</a> |
|                     | <a href="#">3.STM32L433VCI6.pdf</a> |
| Datasheets:         |                                     |
| RoHs Status         | Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS               |

REQUEST FOR QUOTATION

Specifications of STM32L433VCI6

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L433VCI6                                                                                                     |
| MANUFACTURER                     | STMicroelectronics                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100BGA                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       | <a href="#">1.STM32L433VCI6.pdf</a><br><a href="#">2.STM32L433VCI6.pdf</a><br><a href="#">3.STM32L433VCI6.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-UFBGA (7x7)                                                                                                   |
| SPEED                            | 80MHz                                                                                                             |
| SERIES                           | STM32L4                                                                                                           |
| RAM SIZE                         | 64K x 8                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, PWM, WDT                                                                        |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 100-UFBGA                                                                                                         |
| OTHER NAMES                      | 497-16583                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                 |
| NUMBER OF I/O                    | 83                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| EEPROM SIZE                      | -                                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 100-UFBGA (7x7)                    |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                             |
| CORE SIZE                        | 32-Bit                                                                                                            |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                   |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB                                         |

Related Tags

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Related Products

|                                                                                                                                                         |                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>STM32L442KCU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>STM32L433RCY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>STM32L433RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>STM32L433RCY3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: WLCSP 64L DIE 435 P<br/>In stock: Out stock</p> <p>RFQ</p>              |
| <p><b>STM32L433VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 10LQFP<br/>In stock: 595 pcs</p> <p>RFQ</p>     | <p><b>STM32L433VCI3</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.60 100L<br/>In stock: 100 pcs</p> <p>RFQ</p>                  |
| <p><b>STM32L433RCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>STM32L443CCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: Out stock</p> <p>RFQ</p>    |
| <p><b>STM32L443CCU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 866 pcs</p> <p>RFQ</p>      | <p><b>STM32L433RCT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: Out stock</p> <p>RFQ</p>               |
| <p><b>STM32L433VCT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: 100 pcs</p> <p>RFQ</p>                  | <p><b>STM32L433VCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |

