



STMicroelectronics



STM32L443CCT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L443CCT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 48LQFP                                                                              |
|                     |  1.STM32L443CCT6.pdf        |
|                     |  2.STM32L443CCT6.pdf        |
|                     |  3.STM32L443CCT6.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15593 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

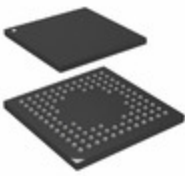
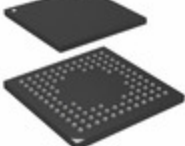
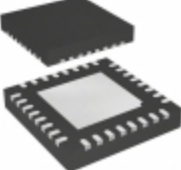
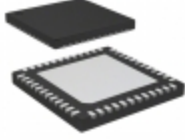
Specifications of STM32L443CCT6

|                                  |                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L443CCT6                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48LQFP                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 15593 pcs                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.STM32L443CCT6.pdf<br> 2.STM32L443CCT6.pdf<br> 3.STM32L443CCT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (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                   | 48-LQFP                                                                                                                                                                                                                                                                                                                       |
| OTHER NAMES                      | 497-16586                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 38                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                 |
| 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 48-LQFP (7x7)                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | A/D 10x12b, 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

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32L443CCT6 | STM32L443CCT6 Distributor        | STM32L443CCT6 Supplier               |
| STM32L443CCT6 Price              | STM32L443CCT6 Pictures           | STM32L443CCT6 Image                  |
| STM32L443CCT6 PDF Datasheet      | STM32L443CCT6 Download Datasheet | STM32L443CCT6 Datasheet              |
| STM32L443CCT6 Stock              | Buy STM32L443CCT6                | Buy STMicroelectronics STM32L443CCT6 |
| STMicroelectronics STM32L443CCT6 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM32L443CCT6                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L433VC16</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100BGA<br/>In stock: 13114 pcs<br/><b>RFQ</b></div>    |  <div><b>STM32L443RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 12747 pcs<br/><b>RFQ</b></div>    |
|  <div><b>STM32L433VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 10LQFP<br/>In stock: 14720 pcs<br/><b>RFQ</b></div>    |  <div><b>STM32L443CCY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 49WLCSP<br/>In stock: 29161 pcs<br/><b>RFQ</b></div> |
|  <div><b>STM32L443RCI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64BGA<br/>In stock: 15398 pcs<br/><b>RFQ</b></div>     |  <div><b>STM32L433VCT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: 12493 pcs<br/><b>RFQ</b></div>                 |
|  <div><b>STM32L433VC13</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.60 100L<br/>In stock: 13027 pcs<br/><b>RFQ</b></div>                |  <div><b>STM32L442KCU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 14675 pcs<br/><b>RFQ</b></div>     |
|  <div><b>STM32L443CCU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 17069 pcs<br/><b>RFQ</b></div>     |  <div><b>STM32L433VCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 27880 pcs<br/><b>RFQ</b></div> |
|  <div><b>STM32L443RCI6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64UFBGA<br/>In stock: 30306 pcs<br/><b>RFQ</b></div> |  <div><b>STM32L443RCI3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64UFBGA<br/>In stock: 16615 pcs<br/><b>RFQ</b></div>   |