



STMicroelectronics



STM32L433RCI3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L433RCI3                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 64UFBGA                                                                             |
|                     |  1.STM32L433RCI3.pdf        |
|                     |  2.STM32L433RCI3.pdf        |
|                     |  3.STM32L433RCI3.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14892 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

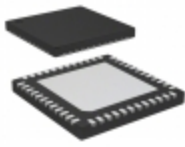
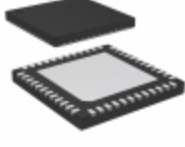
Specifications of STM32L433RCI3

|                                  |                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L433RCI3                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64UFBGA                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 14892 pcs                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.STM32L433RCI3.pdf<br> 2.STM32L433RCI3.pdf<br> 3.STM32L433RCI3.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 64-UFBGA (5x5)                                                                                                                                                                                                                                                                                                                |
| 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                   | 64-UFBGA                                                                                                                                                                                                                                                                                                                      |
| OTHER NAMES                      | 497-17966<br>STM32L433RCI3-ND                                                                                                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 52                                                                                                                                                                                                                                                                                                                            |
| 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 64-UFBGA (5x5)                                                                                                                                                                                                                                 |
| 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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| STMicroelectronics STM32L433RCI3 | STM32L433RCI3 Distributor        | STM32L433RCI3 Supplier               |
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Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
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|  <div><b>STM32L433CCU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 18764 pcs<br/><b>RFQ</b></div>     |  <div><b>STM32L433CCY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: STM32 32-BIT ARM CORTEX MCUS<br/>In stock: 16473 pcs<br/><b>RFQ</b></div>     |
|  <div><b>STM32L433RCT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 13753 pcs<br/><b>RFQ</b></div>                |  <div><b>STM32L433RCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 27477 pcs<br/><b>RFQ</b></div>  |
|  <div><b>STM32L433RBI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<br/>In stock: 15195 pcs<br/><b>RFQ</b></div>   |  <div><b>STM32L433RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 16148 pcs<br/><b>RFQ</b></div>    |
|  <div><b>STM32L433RCI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64BGA<br/>In stock: 15519 pcs<br/><b>RFQ</b></div>     |  <div><b>STM32L433RBY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64WLCSP<br/>In stock: 41634 pcs<br/><b>RFQ</b></div> |
|  <div><b>STM32L433CCU3</b><br/>Manufacturers: STMicroelectronics<br/>Description: UQFPN 7X7X0.55 48L<br/>In stock: 13190 pcs<br/><b>RFQ</b></div>                 |  <div><b>STM32L433RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 16208 pcs<br/><b>RFQ</b></div>    |
|  <div><b>STM32L433RCI6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64UFBGA<br/>In stock: 28775 pcs<br/><b>RFQ</b></div> |  <div><b>STM32L433RCT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 14737 pcs<br/><b>RFQ</b></div>               |