



STMicroelectronics



STM32L162RCT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L162RCT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                              |
| Datasheets:         |  1.STM32L162RCT6.pdf        |
|                     |  2.STM32L162RCT6.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 21962 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of STM32L162RCT6

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L162RCT6                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 21962 pcs                                                                                               |
| DATA SHEET                       |  1.STM32L162RCT6.pdf |
|                                  |  2.STM32L162RCT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                         |
| 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, LCD, POR, PWM, WDT                                                    |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 64-LQFP                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 51                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| 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 64-LQFP (10x10)          |
| DATA CONVERTERS                  | A/D 21x12b; D/A 2x12b                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                 |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32L162RCT6 | STM32L162RCT6 Distributor        | STM32L162RCT6 Supplier               |
| STM32L162RCT6 Price              | STM32L162RCT6 Pictures           | STM32L162RCT6 Image                  |
| STM32L162RCT6 PDF Datasheet      | STM32L162RCT6 Download Datasheet | STM32L162RCT6 Datasheet              |
| STM32L162RCT6 Stock              | Buy STM32L162RCT6                | Buy STMicroelectronics STM32L162RCT6 |
| STMicroelectronics STM32L162RCT6 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM32L162RCT6                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L162RCT6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 24089 pcs</div> <div>RFQ</div> |  <div><b>STM32L162QDH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 132BGA<br/>In stock: 16260 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32L15PRIM-D</b><br/>Manufacturers: STMicroelectronics<br/>Description: EVAL KIT STM32L<br/>In stock: 3078 pcs</div> <div>RFQ</div>                  |  <div><b>STM32L162RDT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 64LQFP<br/>In stock: 26385 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32L162QCH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 132BGA<br/>In stock: 18327 pcs</div> <div>RFQ</div>  |  <div><b>STM32L162RCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 27969 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32L162QDH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 132BGA<br/>In stock: 18205 pcs</div> <div>RFQ</div>  |  <div><b>STM32L162RDT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 64LQFP<br/>In stock: 13174 pcs</div> <div>RFQ</div>    |
|  <div><b>STM32L162RET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 17289 pcs</div> <div>RFQ</div>  |  <div><b>STM32L162RDY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 64WLCSP<br/>In stock: 25622 pcs</div> <div>RFQ</div> |
|  <div><b>STM32L15PRIMER</b><br/>Manufacturers: STMicroelectronics<br/>Description: EVAL KIT STM32L<br/>In stock: 1049 pcs</div> <div>RFQ</div>                  |  <div><b>STM32L162QDH6DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 132BGA<br/>In stock: 20021 pcs</div> <div>RFQ</div> |