



STM32F107RCT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F107RCT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                              |
| Datasheets:         |  STM32F107RCT6.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14333 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

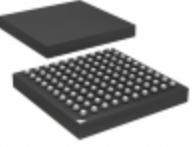
Specifications of STM32F107RCT6

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F107RCT6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 14333 pcs                                                                                             |
| DATA SHEET                       |  STM32F107RCT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                           |
| SPEED                            | 72MHz                                                                                                 |
| SERIES                           | STM32F1                                                                                               |
| RAM SIZE                         | 64K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                      |
| PERIPHERALS                      | DMA, POR, PWM, Voltage Detect, WDT                                                                    |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 64-LQFP                                                                                               |
| OTHER NAMES                      | 497-8914                                                                                              |
| 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                      | -                                                                                                     |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH                        |
| DATA CONVERTERS                  | A/D 16x12b; D/A 2x12b                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                       |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG                                         |
| BASE PART NUMBER                 | STM32F107                                                                                             |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32F107RCT6 | STM32F107RCT6 Distributor        | STM32F107RCT6 Supplier               |
| STM32F107RCT6 Price              | STM32F107RCT6 Pictures           | STM32F107RCT6 Image                  |
| STM32F107RCT6 PDF Datasheet      | STM32F107RCT6 Download Datasheet | STM32F107RCT6 Datasheet              |
| STM32F107RCT6 Stock              | Buy STM32F107RCT6                | Buy STMicroelectronics STM32F107RCT6 |
| STMicroelectronics STM32F107RCT6 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM32F107RCT6                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>life.augmented</div></div> <div><b>STM32F107VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 8426 pcs<br/>RFQ</div>    | <div><div>life.augmented</div></div> <div><b>STM32F107RCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 24865 pcs<br/>RFQ</div>  |
| <div><div>life.augmented</div></div> <div><b>STM32F107RBT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 30168 pcs<br/>RFQ</div>  | <div><div>life.augmented</div></div> <div><b>STM32F107RCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 20595 pcs<br/>RFQ</div>    |
| <div><div>life.augmented</div></div> <div><b>STM32F105VCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 10751 pcs<br/>RFQ</div>   | <div><div>life.augmented</div></div> <div><b>STM32F107VBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 12756 pcs<br/>RFQ</div>   |
| <div><div>life.augmented</div></div> <div><b>STM32F107VCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 18117 pcs<br/>RFQ</div> | <div><div>life.augmented</div></div> <div><b>STM32F105VCT6W</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 19117 pcs<br/>RFQ</div>  |
| <div><div>life.augmented</div></div> <div><b>STM32F107VCH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100BGA<br/>In stock: 12503 pcs<br/>RFQ</div>    | <div><div>life.augmented</div></div> <div><b>STM32F105VCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 19799 pcs<br/>RFQ</div> |
| <div><div>life.augmented</div></div> <div><b>STM32F105VCT6V</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14234 pcs<br/>RFQ</div>  | <div><div>life.augmented</div></div> <div><b>STM32F107RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 15344 pcs<br/>RFQ</div>    |