



STM32F103RCT7TR

|                     |                       |
|---------------------|-----------------------|
| Part Number:        | STM32F103RCT7TR       |
| Manufacturer/Brand: | STMicroelectronics    |
| Product description | LQFP 64 10X10X1.4 1   |
| Datasheets:         | STM32F103RCT7TR.pdf   |
| Stock Condition     | 20967 pcs stock       |
| Ship From           | Hong Kong             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION

Specifications of STM32F103RCT7TR

|                                |                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                    | STM32F103RCT7TR                                                                                |
| MANUFACTURER                   | STMicroelectronics                                                                             |
| DESCRIPTION                    | LQFP 64 10X10X1.4 1                                                                            |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                |
| QUANTITY AVAILABLE             | 20967 pcs                                                                                      |
| DATA SHEET                     | STM32F103RCT7TR.pdf                                                                            |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2 V ~ 3.6 V                                                                                    |
| SUPPLIER DEVICE PACKAGE        | 64-LQFP (10x10)                                                                                |
| SPEED                          | 72MHz                                                                                          |
| SERIES                         | STM32F1                                                                                        |
| RAM SIZE                       | 48K x 8                                                                                        |
| PROGRAM MEMORY TYPE            | FLASH                                                                                          |
| PROGRAM MEMORY SIZE            | 256KB (256K x 8)                                                                               |
| PERIPHERALS                    | DMA, Motor Control PWM, PDR, POR, PVD, PWM, Temp Sensor, WDT                                   |
| PACKAGING                      | Tape & Reel (TR)                                                                               |
| PACKAGE / CASE                 | 64-LQFP                                                                                        |
| OSCILLATOR TYPE                | Internal                                                                                       |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                             |
| NUMBER OF I/O                  | 51                                                                                             |
| EEPROM SIZE                    | -                                                                                              |
| DETAILED DESCRIPTION           | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                | A/D 16x12b; D/A 2x12b                                                                          |
| CORE SIZE                      | 32-Bit                                                                                         |
| CORE PROCESSOR                 | ARM® Cortex®-M3                                                                                |
| CONNECTIVITY                   | CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB                                                |

Related Tags

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Related Products

|                                                                                                                                                      |                                                                                                                                                        |
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| <br><b>STM32F103RBT7TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 30976 pcs<br><b>RFQ</b> | <br><b>STM32F103RBT7</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 15412 pcs<br><b>RFQ</b>     |
| <br><b>STM32F103RDY6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 384KB FLASH 64WLCSP<br>In stock: 9593 pcs<br><b>RFQ</b> | <br><b>STM32F103RCY6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br>In stock: 24770 pcs<br><b>RFQ</b>  |
| <br><b>STM32F103RET6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br>In stock: 11608 pcs<br><b>RFQ</b>   | <br><b>STM32F103RDT6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 384KB FLASH 64LQFP<br>In stock: 11125 pcs<br><b>RFQ</b>   |
| <br><b>STM32F103RCT6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 13899 pcs<br><b>RFQ</b>   | <br><b>STM32F103RDT6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 384KB FLASH 64LQFP<br>In stock: 11436 pcs<br><b>RFQ</b>     |
| <br><b>STM32F103RBT6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 28290 pcs<br><b>RFQ</b> | <br><b>STM32F103RCY6CTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br>In stock: 22020 pcs<br><b>RFQ</b> |
| <br><b>STM32F103RCT7</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 11293 pcs<br><b>RFQ</b>   | <br><b>STM32F103RCT6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 30478 pcs<br><b>RFQ</b>   |

