



STM32F098RCT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F098RCT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                              |
|                     | <a href="#">PDF</a> 1.STM32F098RCT6.pdf                                                                      |
|                     | <a href="#">PDF</a> 2.STM32F098RCT6.pdf                                                                      |
|                     | <a href="#">PDF</a> 3.STM32F098RCT6.pdf                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

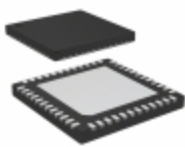
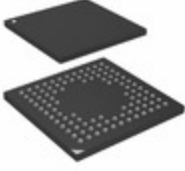
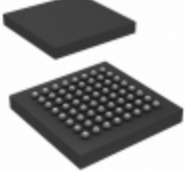
Specifications of STM32F098RCT6

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F098RCT6                                                                                                                 |
| MANUFACTURER                     | STMicroelectronics                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| DATA SHEET                       | <a href="#">PDF</a> 1.STM32F098RCT6.pdf<br><a href="#">PDF</a> 2.STM32F098RCT6.pdf<br><a href="#">PDF</a> 3.STM32F098RCT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                               |
| SPEED                            | 48MHz                                                                                                                         |
| SERIES                           | STM32F0                                                                                                                       |
| RAM SIZE                         | 32K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                              |
| PERIPHERALS                      | DMA, I²S, 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)                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                             |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)                                |
| DATA CONVERTERS                  | A/D 19x12b, D/A 2x12b                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                                        |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                               |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                    |

Related Tags

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Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F098CCU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48QFPN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>STM32F100C4T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>STM32F0DISCOVERY</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT STM32F0 DISCOVERY<br/>In stock: 287 pcs<br/>RFQ</div>             |  <div><b>STM32F091VCT7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>STM32F098VCH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100BGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>STM32F098RCH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64BGA<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>STM32F098RCY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>STM32F100C4T6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>STM32F091VCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>STM32F098CCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>STM32F098VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>STM32F098CCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>    |