

|                                                                                                                                               |                                  |                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------|
|  <p>Not Actual Photo<br/>YIC International Co., Limited.</p> | <b>Manufacturer Part Number:</b> | STM32F100RCT6BTR                                                                                   |
|                                                                                                                                               | <b>Manufacturer/Brand:</b>       | N/A                                                                                                |
|                                                                                                                                               | <b>Part of Description:</b>      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                    |
|                                                                                                                                               | <b>RoHs Status:</b>              |  Lead free / RoHS |
|                                                                                                                                               | <b>Stock Condition:</b>          | Compliant<br>New original, 603 pcs Stock Available.                                                |
|                                                                                                                                               | <b>Ship From:</b>                | Hong Kong                                                                                          |
| Image may be representation.<br>See specs for product details.                                                                                | <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                                                                              |
|                                                                                                                                               |                                  |                                                                                                    |

Specifications

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | STM32F100RCT6BTR                                        |
| Manufacturer               | N/A                                                     |
| Description                | IC MCU 32BIT 256KB FLASH 64LQFP                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 603 pcs Stock                                           |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 3.6 V                                             |
| Supplier Device Package    | 64-LQFP (10x10)                                         |
| Speed                      | 24MHz                                                   |
| Series                     | STM32 F1                                                |
| RAM Size                   | 24K x 8                                                 |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 256KB (256K x 8)                                        |
| Peripherals                | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT               |
| Packaging                  | Tape & Reel (TR)                                        |
| Package / Case             | 64-LQFP                                                 |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 51                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 16x12b; D/A 2x12b                                   |
| Core Size                  | 32-Bit                                                  |
| Core Processor             | ARM® Cortex®-M3                                         |
| Connectivity               | I²C, IrDA, LIN, SPI, UART/USART                         |

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STM32F100RCT6BTR Related keyword

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Contact us:**Info@YIC-Electronics.com**

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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