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|  | <p>Manufacturer Part Number: STM32F100RCT6B</p> <p>Manufacturer/Brand: N/A</p> <p>Part of Description: IC MCU 32BIT 256KB FLASH 64LQFP</p> <p>RoHS Status:  Lead free / RoHS</p> <p>Stock Condition: ^{Compliant} New original, 2413 pcs Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
| | <p>Image may be representation. See specs for product details.</p> |

Specifications

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|----------------------------|---|
| Part Number | STM32F100RCT6B |
| Manufacturer | N/A |
| Description | IC MCU 32BIT 256KB FLASH 64LQFP |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | 2413 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 | Tray |
| 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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