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STM32F103RET6 Details PDF

# STM32F103RET6

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|---|---|
| **Manufacturer Part Number:** | STM32F103RET6 |
| **Manufacturer/Brand:** | STMicroelectronics |
| **Part of Description:** | IC MCU 32BIT 512KB FLASH 64LQFP |
| **Datasheets:** | STM32F103RET6.pdf |
| **RoHs Status:** | Lead free / RoHS |
| **Stock Condition:** | Compliant<br>New original, 5214 pcs Stock Available. |
| **Ship From:** | Hong Kong |
| **Shipment Way:** | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation.
See specs for product details.

## Specifications

| Part Number | STM32F103RET6 |
|---|---|
| Manufacturer | STMicroelectronics |
| Description | IC MCU 32BIT 512KB FLASH 64LQFP |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | 5214 pcs Stock |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 3.6 V |
| Speed | 72MHz |
| Series | STM32 F1 |
| RAM Size | 64K x 8 |
| Program Memory Type | FLASH |
| Program Memory Size | 512KB (512K x 8) |
| Peripherals | DMA, Motor Control PWM, PDR, POR, PVD, PWM, Temp |
| 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 | CAN, I²C, IrDA, LIN, SPI, UART/USART, USB |

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