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STM32F058R8H6 Details PDF

## STM32F058R8H6

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|---|---|
| **Manufacturer Part Number:** | STM32F058R8H6 |
| **Manufacturer/Brand:** | STMicroelectronics |
| **Part of Description:** | IC MCU 32BIT 64KB FLASH 64BGA |
| **Datasheets:** | STM32F058R8H6.pdf |
| **RoHs Status:** | Lead free / RoHS Compliant |
| **Stock Condition:** | New original, 2632 pcs Stock Available. |
| **Ship From:** | Hong Kong |
| **Shipment Way:** | DHL/Fedex/TNT/UPS/EMS |

Image may be representation.
See specs for product details.

## Specifications

| | |
|---|---|
| Part Number | STM32F058R8H6 |
| Manufacturer | STMicroelectronics |
| Description | IC MCU 32BIT 64KB FLASH 64BGA |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | 2632 pcs Stock |
| Voltage - Supply (Vcc/Vdd) | 1.65 V ~ 3.6 V |
| Supplier Device Package | 64-UFBGA (5x5) |
| Speed | 48MHz |
| Series | STM32 F0 |
| RAM Size | 8K x 8 |
| Program Memory Type | FLASH |
| Program Memory Size | 64KB (64K x 8) |
| Peripherals | DMA, I²S, POR, PWM, WDT |
| Packaging | Tray |
| Package / Case | 64-UFBGA |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Number of I/O | 54 |
| EEPROM Size | - |
| Data Converters | A/D 19x12b, D/A 1x12b |
| Core Size | 32-Bit |
| Core Processor | ARM® Cortex®-M0 |
| Connectivity | HDMI-CEC, I²C, IrDA, LIN, SPI, UART/USART |

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IC MCU 32BIT 64KB FLASH
64LQFP

**STM32F058R8H7TR**
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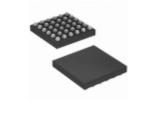**STM32F052R8T6**
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