



STM32F401CCU6

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| Manufacturer Part Number: | STM32F401CCU6 |
| Manufacturer / Brand: | STMicroelectronics |
| Part of Description: | IC MCU 32BIT 256KB FLASH 48QFPN |
| Datasheets: | STM32F401CCU6.pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 49800 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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The specifications of STM32F401CCU6

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|----------------------------|---|----------------------------------|--|
| Part Number | STM32F401CCU6 | Manufacturer / Brand | STMicroelectronics |
| Series | STM32F4 | Moisture Sensitivity Level (MSL) | 3 (168 Hours) |
| Base Part Number | STM32F401 | Package / Case | 48-UFQFN Exposed Pad |
| Packaging | Tray | Supplier Device Package | 48-UFQFPN (7x7) |
| Operating Temperature | -40°C ~ 85°C (TA) | Detailed Description | ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 84MHz 256KB (256K x 8) FLASH 48-UFQFPN (7x7) |
| Peripherals | Brown-out Detect/Reset, DMA, I/S, POR, PWM, WDT | Core Processor | ARM® Cortex®-M4 |
| Speed | 84MHz | Number of I/O | 36 |
| EEPROM Size | - | RAM Size | 64K x 8 |
| Core Size | 32-Bit | Connectivity | PC, IrDA, LINbus, SDIO, SPI, UART/USART, USB OTG |
| Program Memory Size | 256KB (256K x 8) | Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) | 1.7 V ~ 3.6 V | Data Converters | A/D 10x12b |
| Oscillator Type | Internal | Other Names | 497-17426 STM32F401CCU6-ND |
| Stock Quantity | 49800 pcs Stock | Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Description | IC MCU 32BIT 256KB FLASH 48QFPN | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |

Keywords related to STM32F401CCU6

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