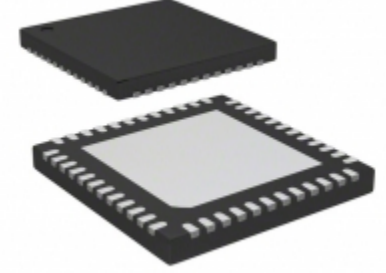


| STM32F101CBU6       |   |
|---------------------|---|
| Part Number         | <a href="#">STM32F101CBU6</a>   |
| Manufacturer        | STMicroelectronics  |
| Description         | IC MCU 32BIT 128KB FLASH 48QFPN   |
| Quantity Available  | 500 pcs in stock  |
| Datasheets          | <a href="#">STM32F101CBU6.pdf</a>   |
| STM32F101CBU6 Price | <a href="#">Request Price &amp; Lead Time Online</a><br>or Email us: <a href="mailto:Info@ariat-tech.com">Info@ariat-tech.com</a> |


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| Technical Information of STM32F101CBU6 |                               |                                  |  |
|--|-------------------------------|----------------------------------|--|
| Manufacturer Part Number               | <a href="#">STM32F101CBU6</a> | Category                         | <a href="#">Integrated Circuits (ICs)</a>  |
| Manufacturer                           | STMicroelectronics            | Description                      | IC MCU 32BIT 128KB FLASH 48QFPN  |
| Package / Case                         | Tray                          | Quantity Available               | 500  |
| Voltage - Supply (Vcc/Vdd)             | 2 V ~ 3.6 V                   | Supplier Device Package          | 48-UFQFPN (7x7)  |
| Speed                                  | 36MHz                         | Series                           | STM32F1  |
| RAM Size                               | 16K x 8                       | Program Memory Type              | FLASH  |
| Program Memory Size                    | 128KB (128K x 8)              | Peripherals                      | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT  |
| Packaging                              | Tray                          | Package / Case                   | 48-UFQFN Exposed Pad   |
| Oscillator Type                        | Internal                      | Operating Temperature            | -40°C ~ 85°C (TA)  |
| Number of I/O                          | 37                            | Moisture Sensitivity Level (MSL) | 3 (168 Hours)  |
| Manufacturer Standard Lead Time        | 10 Weeks                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant   |
| EEPROM Size                            | -                             | Detailed Description             | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 36MHz 128KB (128K x 8) FLASH 48-UFQFPN (7x7) |
| Data Converters                        | A/D 10x12b                    | Core Size                        | 32-Bit   |
| Core Processor                         | ARM® Cortex®-M3               | Connectivity                     | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART  |
| Base Part Number                       | STM32F101                     |                                  |  |

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| Related parts for STM32F101CBU6 |                                  |                                  |                    |           |
|---------------------------------|----------------------------------|----------------------------------|--------------------|-----------|
| Image                           | Part Number                      | Description                      | Manufacturer       | Quantity  |
|                                 | <a href="#">STM32F101R6T6</a>    | IC MCU 32BIT 32KB FLASH 64LQFP   | STMicroelectronics | 50 pcs    |
|                                 | <a href="#">STM32F101C8U6TR</a>  | IC MCU 32BIT 64KB FLASH 48UFQFPN | STMicroelectronics | 439 pcs   |
|                                 | <a href="#">STM32F101R6T6ATR</a> | IC MCU 32BIT 32KB FLASH 64LQFP   | STMicroelectronics | 500 pcs   |
|                                 | <a href="#">STM32F101RBT6</a>    | IC MCU 32BIT 128KB FLASH 64LQFP  | STMicroelectronics | 1185 pcs  |
|                                 | <a href="#">STM32F101C6T6ATR</a> | IC MCU 32BIT 32KB FLASH 48LQFP   | STMicroelectronics | 500 pcs   |
|                                 | <a href="#">STM32F101CBU6TR</a>  | IC MCU 32BIT 128KB FLASH 48QFPN  | STMicroelectronics | 500 pcs   |
|                                 | <a href="#">STM32F101C6T6A</a>   | IC MCU 32BIT 32KB FLASH 48LQFP   | STMicroelectronics | 201 pcs   |
|                                 | <a href="#">STM32F101C4T6A</a>   | IC MCU 32BIT 16KB FLASH 48LQFP   | STMicroelectronics | 650 pcs   |
|                                 | <a href="#">STM32F101RBH6TR</a>  | STM32F101RBH6TR ST               | ST                 | 3760 pcs  |
|                                 | <a href="#">STM32F101R8T6</a>    | IC MCU 32BIT 64KB FLASH 64LQFP   | STMicroelectronics | 5000 pcs  |
|                                 | <a href="#">STM32F101C8U6</a>    | IC MCU 32BIT 64KB FLASH 48UFQFPN | STMicroelectronics | 500 pcs   |
|                                 | <a href="#">STM32F101CBT6TR</a>  | IC MCU 32BIT 128KB FLASH 48LQFP  | STMicroelectronics | 500 pcs   |
|                                 | <a href="#">STM32F101R6T6A</a>   | IC MCU 32BIT 32KB FLASH 64LQFP   | STMicroelectronics | 709 pcs   |
|                                 | <a href="#">STM32F101C8T6</a>    | IC MCU 32BIT 64KB FLASH 48LQFP   | STMicroelectronics | 28000 pcs |
|                                 | <a href="#">STM32F101C6T6</a>    | IC MCU 32BIT 32KB FLASH 48LQFP   | STMicroelectronics | 93 pcs    |
|                                 | <a href="#">STM32F101C8T6TR</a>  | IC MCU 32BIT 64KB FLASH 48LQFP   | STMicroelectronics | 500 pcs   |
|                                 | <a href="#">STM32F101R8T6TR</a>  | IC MCU 32BIT 64KB FLASH 64LQFP   | STMicroelectronics | 500 pcs   |
|                                 | <a href="#">STM32F101RBH6</a>    | IC MCU 32BIT 128KB FLASH 64BGA   | STMicroelectronics | 597 pcs   |
|                                 | <a href="#">STM32F101CBT6</a>    | IC MCU 32BIT 128KB FLASH 48LQFP  | STMicroelectronics | 2500 pcs  |
|                                 | <a href="#">STM32F101R4T6A</a>   | IC MCU 32BIT 16KB FLASH 64LQFP   | STMicroelectronics | 27 pcs    |

|                         |                                  |                           |                            |
|-------------------------|----------------------------------|---------------------------|----------------------------|
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