

| STM32F101VGT6 | |
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| Part Number | STM32F101VGT6 |
| Manufacturer | STMicroelectronics |
| Description | IC MCU 32BIT 1MB FLASH 100LQFP |
| Quantity Available | 500 pcs in stock |
| Datasheets | STM32F101VGT6.pdf |
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| Technical Information of STM32F101VGT6 | | | |
|--|---|---------------------------------|---|
| Manufacturer Part Number | STM32F101VGT6 | Category | Integrated Circuits (ICs) |
| Manufacturer | STMicroelectronics | Description | IC MCU 32BIT 1MB FLASH 100LQFP |
| Package / Case | Tray | Quantity Available | 500 |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 3.6 V | Supplier Device Package | 100-LQFP (14x14) |
| Speed | 36MHz | Series | STM32F1 |
| RAM Size | 80K x 8 | Program Memory Type | FLASH |
| Program Memory Size | 1MB (1M x 8) | Peripherals | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT |
| Packaging | Tray | Package / Case | 100-LQFP |
| Other Names | 497-11116 STM32F101VGT6-ND | Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) | Number of I/O | 80 |
| 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 1MB (1M x 8) FLASH 100-LQFP (14x14) | Data Converters | A/D 16x12b; D/A 2x12b |
| Core Size | 32-Bit | Core Processor | ARM® Cortex®-M3 |
| Connectivity | I ² C, IrDA, LINbus, SPI, UART/USART | Base Part Number | STM32F101 |

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| Related parts for STM32F101VGT6 | | | | |
|---------------------------------|--|----------------------------------|--------------------|-----------|
| Image | Part Number | Description | Manufacturer | Quantity |
| | STM32F101VET6 | IC MCU 32BIT 512KB FLASH 100LQFP | STMicroelectronics | 706 pcs |
| | STM32F101ZFT6 | IC MCU 32BIT 768KB FLASH 144LQFP | STMicroelectronics | 7 pcs |
| | STM32F101ZDT6 | IC MCU 32BIT 384KB FLASH 144LQFP | STMicroelectronics | 261 pcs |
| | STM32F101ZET6 | IC MCU 32BIT 512KB FLASH 144LQFP | STMicroelectronics | 212 pcs |
| | STM32F101VFT6 | IC MCU 32BIT 768KB FLASH 100LQFP | STMicroelectronics | 979 pcs |
| | STM32F101VET6TR | IC MCU 32BIT 512KB FLASH 100LQFP | STMicroelectronics | 500 pcs |
| | STM32F101ZGT6 | IC MCU 32BIT 1MB FLASH 144LQFP | STMicroelectronics | 107 pcs |
| | STM32F101VBT6 | IC MCU 32BIT 128KB FLASH 100LQFP | STMicroelectronics | 1113 pcs |
| | STM32F101VFT6TR | IC MCU 32BIT 768KB FLASH 100LQFP | STMicroelectronics | 3000 pcs |
| | STM32F102C4T6ATR | IC MCU 32BIT 16KB FLASH 48LQFP | STMicroelectronics | 500 pcs |
| | STM32F101ZCT6 | IC MCU 32BIT 256KB FLASH 144LQFP | STMicroelectronics | 920 pcs |
| | STM32F102C6T6A | IC MCU 32BIT 32KB FLASH 48LQFP | STMicroelectronics | 3820 pcs |
| | STM32F101VDT6TR | IC MCU 32BIT 384KB FLASH 100LQFP | STMicroelectronics | 500 pcs |
| | STM32F101VCT6TR | IC MCU 32BIT 256KB FLASH 100LQFP | STMicroelectronics | 500 pcs |
| | STM32F101VBT6TR | IC MCU 32BIT 128KB FLASH 100LQFP | STMicroelectronics | 500 pcs |
| | STM32F102C6T6ATR | IC MCU 32BIT 32KB FLASH 48LQFP | STMicroelectronics | 34245 pcs |
| | STM32F101VCT6 | IC MCU 32BIT 256KB FLASH 100LQFP | STMicroelectronics | 1579 pcs |
| | STM32F101VDT6 | IC MCU 32BIT 384KB FLASH 100LQFP | STMicroelectronics | 1080 pcs |
| | STM32F102C4T6A | IC MCU 32BIT 16KB FLASH 48LQFP | STMicroelectronics | 80 pcs |
| | STM32F102C6T6ATR QFP48 | STM32F102C6T6ATR QFP48 STM | STM | 9600 pcs |

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