



STM32F302VCT7 Information

Heisener.com

Part Number STM32F302VCT7

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 32BIT 256KB FLASH 100LQFP

Package -

For the pricing/inventory/lead time, please contact

us

For Reference Only

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STM32F302VCT7 Specifications

| Manufacturer Part NumberSTM32F302VCT7ManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage-SeriesSTM32 F3Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed72MHzConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, 12S, POR, PWM, WDTNumber of I/O87Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VPata ConvertersA/D 2x12b, D/A 1x12b | • | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|
| Category Integrated Circuits (ICs) Embedded - Microcontrollers Package - Series STM32 F3 Core Processor ARM? Cortex?-M4 Core Size 32-Bit Speed 72MHz Connectivity CAN, I2C, IrDA, LIN, SPI, UART/USART, USB Peripherals DMA, I2S, POR, PWM, WDT Number of I/O 87 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Manufacturer Part Number | STM32F302VCT7 |
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| Core Processor Core Size 32-Bit Speed 72MHz Connectivity Connectivity CAN, 12C, IrDA, LIN, SPI, UART/USART, USB Peripherals DMA, 12S, POR, PWM, WDT Number of I/O 87 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Package | - |
| Core Size 32-Bit Speed 72MHz Connectivity CAN, I2C, IrDA, LIN, SPI, UART/USART, USB Peripherals DMA, I2S, POR, PWM, WDT Number of I/O 87 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Series | STM32 F3 |
| Speed72MHzConnectivityCAN, I2C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, I2S, POR, PWM, WDTNumber of I/O87Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 V | Core Processor | ARM? Cortex?-M4 |
| Connectivity CAN, I2C, IrDA, LIN, SPI, UART/USART, USB Peripherals DMA, I2S, POR, PWM, WDT Number of I/O 87 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Core Size | 32-Bit |
| Peripherals DMA, I2S, POR, PWM, WDT Number of I/O 87 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Speed | 72MHz |
| Number of I/O 87 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Connectivity | CAN, I2C, IrDA, LIN, SPI, UART/USART, USB |
| Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Peripherals | DMA, I2S, POR, PWM, WDT |
| Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Number of I/O | 87 |
| EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Program Memory Size | 256KB (256K x 8) |
| RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V | EEPROM Size | - |
| | RAM Size | 32K x 8 |
| Data Converters A/D 2x12b, D/A 1x12b | Voltage - Supply (Vcc/Vdd) | 2 V ~ 3.6 V |
| | Data Converters | A/D 2x12b, D/A 1x12b |
| Oscillator Type Internal | Oscillator Type | Internal |
| Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$ | Operating Temperature | $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$ |
| Mounting Type - | Mounting Type | - |
| Package / Case - | Package / Case | - |
| Supplier Device Package - | Supplier Device Package | - |
| Report errors? | | Report errors? |

STM32F302VCT7 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

STM32F302VCT7 Payment Methods



















STM32F302VCT7 Shipping Methods













If you have any question about STM32F302VCT7, please do not hesitate to contact us!

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