

# STM32F303CCT7

#### STM32F303CCT7 Information

	Part Number Manufacturer Category Description Package	STM32F303CCT7 STMicroelectronics Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 256KB FLASH 48LQFP 48-LQFP For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# STM32F303CCT7 Specifications

ManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-LQFPSeriesSTM32 F3Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed72MHzConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USART, USBPoripheralsDMA, 12S, POR, PWM, WDTNumber of I/O37Program Memory TypeFLASHEEPROM Size-RAM Size40K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type64-LQFP		
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SeriesSTM3 2 F3Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed72MHzConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, 12S, POR, PWM, WDTNumber of I/O37Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size40K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type48-LQFPSupplier Device Package48-LQFP (7x7)		Embedded - Microcontrollers
Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed72MHzConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, 12S, POR, PWM, WDTNumber of I/O37Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size40K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator Type-Porgram Type-Program Generature-Auge / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Package	48-LQFP
Core Size32-BitSpeed72MHzConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, 12S, POR, PWM, WDTNumber of I/O37Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size40K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator Type-Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Series	STM32 F3
Speed72MHzConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, 12S, POR, PWM, WDTNumber of I/O37Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size40K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFP (7x7)	Core Processor	ARM? Cortex?-M4
Connectivity CAN, I2C, IrDA, LIN, SPI, UART/USART, USB   Peripherals DMA, I2S, POR, PWM, WDT   Number of I/O 37   Program Memory Size 256KB (256K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 40K x 8   Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V   Data Converters A/D 4x12b; D/A 2x12b   Oscillator Type Internal   Operating Temperature -40°C ~ 105°C (TA)   Package / Case 48-LQFP (7x7)	Core Size	32-Bit
Peripherals DMA, 12S, POR, PWM, WDT   Number of I/O 37   Program Memory Size 256KB (256K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 40K x 8   Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V   Data Converters A/D 4x12b; D/A 2x12b   Oscillator Type Internal   Operating Temperature -40°C ~ 105°C (TA)   Package / Case 48-LQFP   Supplier Device Package 48-LQFP (7x7)	Speed	72MHz
Number of I/O 37   Program Memory Size 256KB (256K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 40K x 8   Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V   Data Converters A/D 4x12b; D/A 2x12b   Oscillator Type Internal   Operating Temperature -40°C ~ 105°C (TA)   Mounting Type -   Package / Case 48-LQFP   Supplier Device Package 48-LQFP (7x7)	Connectivity	CAN, I2C, IrDA, LIN, SPI, UART/USART, USB
Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size40K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Peripherals	DMA, I2S, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size40K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Number of I/O	37
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Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 4x12b; D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	EEPROM Size	-
Data ConvertersA/D 4x12b; D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	RAM Size	40K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Data Converters	A/D 4x12b; D/A 2x12b
Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Oscillator Type	Internal
Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package48-LQFP (7x7)	Mounting Type	-
	Package / Case	48-LQFP
Report errors?	Supplier Device Package	48-LQFP (7x7)
		Report errors?

#### STM32F303CCT7 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.

### STM32F303CCT7 Payment Methods





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