

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
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EEPROM 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)	Program Memory Size	256KB (256K x 8)
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)	Program Memory Type	FLASH
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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