



STM32F334K6T7 Information



For Reference Only

Part Number STM32F334K6T7

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description 16/32-BITS MICROS

Package 32-LQFP

For the pricing/inventory/lead time, please contact

us

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STM32F334K6T7 Specifications

Manufacturer Part Number STM32F334K6T7 Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 32-LQFP Series STM32F3 Core Processor ARM® Cortex®-M4 Core Size 32-Bit Speed 72MHz Connectivity CANbus, PC, IrDA, LINbus, SPI, UART/USART Peripherals DMA, POR, PWM, WDT Number of I/O 25 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) 2V ~ 3.6V Data Converters A/D 9x12b; D/A 3x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 32-LQFP		
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Speed 72MHz Connectivity CANbus, IPC, IrDA, LINbus, SPI, UART/USART Peripherals DMA, POR, PWM, WDT Number of I/O 25 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) 2V ~ 3.6V Data Converters A/D 9x12b; D/A 3x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount	Core Processor	ARM® Cortex®-M4
Connectivity CANbus, IPC, IrDA, LINbus, SPI, UART/USART Peripherals DMA, POR, PWM, WDT Number of I/O 25 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) 2V ~ 3.6V Data Converters A/D 9x12b; D/A 3x12b Oscillator Type Internal Operating Temperature 40°C ~ 105°C (TA) Mounting Type Surface Mount	Core Size	32-Bit
Peripherals DMA, POR, PWM, WDT Number of I/O 25 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) 2V ~ 3.6V Data Converters A/D 9x12b; D/A 3x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount	Speed	72MHz
Number of I/O25Program Memory Size $32KB (32K \times 8)$ Program Memory TypeFLASHEEPROM Size-RAM Size $12K \times 8$ Voltage - Supply (Vcc/Vdd) $2V \sim 3.6V$ Data Converters $A/D 9x12b; D/A 3x12b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}C \sim 105^{\circ}C (TA)$ Mounting TypeSurface Mount	Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 9x12b; D/A 3x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount	Peripherals	DMA, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) 2V ~ 3.6V Data Converters A/D 9x12b; D/A 3x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount	Number of I/O	25
EEPROM Size RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 9x12b; D/A 3x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount	Program Memory Size	32KB (32K x 8)
RAM Size $12K \times 8$ Voltage - Supply (Vcc/Vdd) $2V \sim 3.6V$ Data Converters $A/D 9x12b; D/A 3x12b$ Oscillator Type $Internal$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C (TA)$ Mounting Type $Surface Mount$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $2V \sim 3.6V$ Data ConvertersA/D $9x12b$; D/A $3x12b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting TypeSurface Mount	EEPROM Size	-
Data ConvertersA/D $9x12b$; D/A $3x12b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting TypeSurface Mount	RAM Size	12K x 8
Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting TypeSurface Mount	Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V
Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount	Data Converters	A/D 9x12b; D/A 3x12b
Mounting Type Surface Mount	Oscillator Type	Internal
	Operating Temperature	-40°C ~ 105°C (TA)
Package / Case 32-LQFP	Mounting Type	Surface Mount
	Package / Case	32-LQFP
Supplier Device Package 32-LQFP (7x7)	Supplier Device Package	32-LQFP (7x7)
Report errors?		Report errors?

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