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See specifications for product details.



STM32F030K6T6TR

Manufacturer Part Number	STM32F030K6T6TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32F030K6T6TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 32KB FLASH 32LQFP
Package	32-LQFP
Data sheet	STM32F0zzz Programming Manual.pdf STM32F030x4,6,8,C Datasheet.pdf

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Specifications

STM32F030K6T6TR Tech Specifications
STM32F030K6T6TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.4V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	32-LQFP (7x7)	Number of I/O	26
Speed	48MHz	Mounting Type	Surface Mount
Series	STM32F0	EEPROM Size	-
RAM Size	4K x 8	Data Converters	A/D 12x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	32KB (32K x 8)	Core Processor	ARM® Cortex®-M0
Peripherals	DMA, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	32-LQFP	Base Product Number	STM32F030
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32F030K6T6TR

Product Attribute				
Part Number	STM32F030K6T6TR	STM32F031C6T6	STM32F030K6T6	STM32F031C4T6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
RAM Size	4K x 8	4K x 8	4K x 8	4K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	STM32F0	STM32F0	STM32F0	STM32F0
Package / Case	32-LQFP	48-LQFP	32-LQFP	48-LQFP
Data Converters	A/D 12x12b	A/D 13x12b	A/D 12x12b	A/D 13x12b
Number of I/O	26	39	26	39
Package	Tape & Reel (TR)	Tray	Tray	Tray
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Supplier Device Package	32-LQFP (7x7)	48-LQFP (7x7)	32-LQFP (7x7)	-
EEPROM Size	-	-	-	-
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	48MHz	48MHz	48MHz	48MHz
Voltage - Supply (Vcc/Vdd)	2.4V ~ 3.6V	2V ~ 3.6V	2.4V ~ 3.6V	2V ~ 3.6V
Core Processor	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0
Peripherals	DMA, POR, PWM, WDT	DMA, I²S, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, I²S, POR, PWM, WDT
Base Product Number	STM32F030	STM32F031	STM32F030	STM32F031
Program Memory Size	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)	16KB (16K x 8)
Connectivity	I²C, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal

STM32F030K6T6TR Datasheet PDF

Download STM32F030K6T6TR pdf datasheets and STMicroelectronics documentation for STM32F030K6T6TR - STMicroelectronics.

PCN Packaging

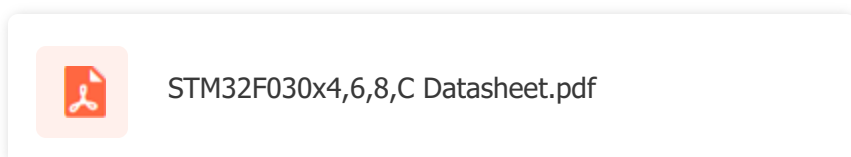
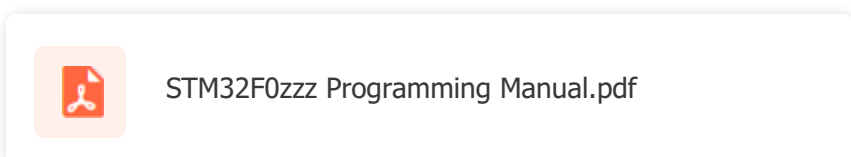
Material Barrier Bag 17/Dec/2020.pdf

PCN Assembly/Origin

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HTML Datasheet



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STM32F031C6T6,32 STMicroelectronics	STM32F031C6T7 STMicroelectronics IC MCU 32BIT 32KB FLASH 48TQFP	STM32F030F4P STMicroelectronics	STM32F030F4P6TR STMicroelectronics IC MCU 32BIT 16KB FLASH 20TSSOP	STM32F030F4P6TR,32 STMicroelectronics	STM32F030F4P6,32 STMicroelectronics

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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