STM32F030F4P6TR

Manufacturer Part Number	STM32F030F4P6TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32F030F4P6TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 16KB FLASH 20TSSOP
Package	20-TSSOP (0.173', 4.40mm Width)
Data sheet	STM32F0zzz Programming Manual.pdf
	STM32F030x4,6,8,C Datasheet.pdf
RoHs Status	ROHS3 Compliant

Image may be representation.
See specifications for product details.

Get a Quote

STM32F030F4P6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32F030F4P6TR datasheet/specifications on AllelcoElec.com.
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Specifications

STM32F030F4P6TR Tech Specifications
STM32F030F4P6TR - 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	20-TSSOP	Number of I/O	15
Speed	48MHz	Mounting Type	Surface Mount
Series	STM32F0	EEPROM Size	-
RAM Size	4K x 8	Data Converters	A/D 11x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	16KB (16K x 8)	Core Processor	ARM® Cortex®-M0
Peripherals	DMA, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	20-TSSOP (0.173', 4.40mm Width)	Base Product Number	STM32F030
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32F030F4P6TR

Product Attribute				
Part Number	STM32F030F4P6TR	STM32F030K6T6	STM32F030CCT6	STM32F030RCT6TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	STM32F0	STM32F0	STM32F0	STM32F0
Package	Tape & Reel (TR)	Tray	Tray	Tape & Reel (TR)
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	4K x 8	4K x 8	32K x 8	32K x 8
Core Processor	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0
Program Memory Size	16KB (16K x 8)	32KB (32K x 8)	256KB (256K x 8)	256KB (256K x 8)
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Package / Case	20-TSSOP (0.173', 4.40mm Width)	32-LQFP	48-LQFP	64-LQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 11x12b	A/D 12x12b	A/D 12x12b	A/D 18x12b
EEPROM Size	-	-	-	-
Supplier Device Package	20-TSSOP	32-LQFP (7x7)	48-LQFP (7x7)	64-LQFP (10x10)
Number of I/O	15	26	39	51
Voltage - Supply (Vcc/Vdd)	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V
Base Product Number	STM32F030	STM32F030	STM32F030	STM32F030
Speed	48MHz	48MHz	48MHz	48MHz
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

STM32F030F4P6TR Datasheet PDF

Download STM32F030F4P6TR pdf datasheets and STMicroelectronics documentation for STM32F030F4P6TR - STMicroelectronics.

PCN Packaging

📄 Box Label Chg 28/Jul/2016.pdf

📄 Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

PCN Assembly/Origin

📄 2.73KHz.pdf

PCN Design/Specification

STM32F0 31/Mar/2017.pdf
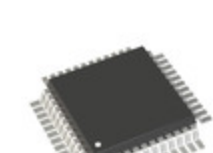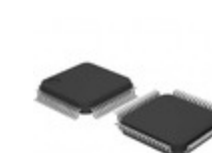
HTML Datasheet

STM32F0zzz Programming Manual.pdf

STM32F030x4,6,8,C Datasheet.pdf

▮ Customers Also Interested in

Recommended Products

STM32F030K6T6 STMicroelectronics IC MCU 32BIT 32KB FLASH 32LQFP	**STM32F030CCT6** STMicroelectronics IC MCU 32BIT 256KB FLASH 48LQFP	**STM32F030F4P6,32** STMicroelectronics
STM32F030CBT6 STMicroelectronics	**STM32F030F4P6TR,32** STMicroelectronics	**STM32F030F4P,32** STMicroelectronics
STM32F030RCT6TR STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	**STM32F030F4P** STMicroelectronics	**STM32F030F4P6** STMicroelectronics IC MCU 32BIT 16KB FLASH 20TSSOP
STM32F030K6T6TR STMicroelectronics IC MCU 32BIT 32KB FLASH 32LQFP	**STM32F030CCT6TR** STMicroelectronics IC MCU 32BIT 256KB FLASH 48LQFP	**STM32F030R8T6** STMicroelectronics IC MCU 32BIT 64KB FLASH 64LQFP
STM32F030RCT6 STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	**STM32F031C4T6** STMicroelectronics IC MCU 32BIT 16KB FLASH 48LQFP	**STM32F030R8T6TR** STMicroelectronics IC MCU 32BIT 64KB FLASH 64LQFP
STM32F030K6T6/TR STMicroelectronics	**STM32F030C8T6TR** STMicroelectronics IC MCU 32BIT 64KB FLASH 48LQFP	**STM32F030R8T6,32** 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.