

STM32F030F4P6TR Manufacturer Part Number STM32F030F4P6TR **STMicroelectronics** Manufacturer and a supervised of the superv Allelco Part Number 32D-STM32F030F4P6TR BCB Symbol, Footprint & 3D Mode ECAD Model IC MCU 32BIT 16KB FLASH 20TSSOP Parts Description 20-TSSOP (0.173', 4.40mm Width) Package STM32F0zzz Programming Manual.pdf Data sheet Image may be representation. See specifications for product details. STM32F030x4,6,8,C Datasheet.pdf Get a Quote ROHS3 Compliant RoHs Status STM32F030F4P6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32F030F4P6TR datasheet/specifications on AllelcoElec.com. life.augmented Request a quote for STM32F030F4P6TR, please send us email: info@allelco.com

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	I ² C, 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

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AnnochingAnnome PSRJARTASME<	Series	STM32F0	STM32F0	STM32F0	STM32F0
Anome Principal Anome<	Package	Tape & Reel (TR)	Тгау	Tray	Tape & Reel (TR)
AMageAvailAvailAvailAvailRASecAvailAvailAvailAvailAvailCorPocesorAvailAvailAvailAvailAvailPogens Memory SizeAvailAvailAvailAvailAvailPogens Memory SizeAvailAvailAvail <td>Connectivity</td> <td>I²C, SPI, UART/USART</td> <td>I²C, SPI, UART/USART</td> <td>I²C, SPI, UART/USART</td> <td>I²C, SPI, UART/USART</td>	Connectivity	I²C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Image: section of the section of th	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Henry SizeImage: Amount of the second s	RAM Size	4K x 8	4K x 8	32K x 8	32K x 8
PerpheralsPAR PAR PAR WATPAR PAR WATPAR PAR WATPAR PAR WATPAR PAR WATPachage 1 CaseDisSop (J.173, 4.40m Wath)Di QAPDi QAPDi QAPDi QAPDi QAPParamemory ParASBDi Salo (J.173, 4.40m Wath)Di QAPDi QA	Core Processor	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0
Package / CaseDefault (Marchan Marchan)Default (Marchan Marchan)Default (Marchan)Package / CaseExSPP (Dir Z)StaDP (Dir Z)StaDP (Dir Z)StaDP (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / CaseA (Dir Z)A (Dir Z)A (Dir Z)A (Dir Z)Package / Case </td <td>Program Memory Size</td> <td>16KB (16K x 8)</td> <td>32KB (32K x 8)</td> <td>256KB (256K x 8)</td> <td>256KB (256K x 8)</td>	Program Memory Size	16KB (16K x 8)	32KB (32K x 8)	256KB (256K x 8)	256KB (256K x 8)
Program Manory ppAffAffAffAffPhacover ppAf	Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Not of the second sec	Package / Case	20-TSSOP (0.173', 4.40mm Width)	32-LQFP	48-LQFP	64-LQFP
FEPROM SizeIndexIndexIndexIndexIndexSpplier Device Package05x50%5x10%5x10%5x10%5x10%5x10%Number of JO15x10%2x10%5x10%5x10%5x10%5x10%5x10%5x10%Number of JO1x12%1x12%1x12%1x12%5x10%	Program Memory Type	FLASH	FLASH	FLASH	FLASH
Image: Constraint of the second sec	Data Converters	A/D 11x12b	A/D 12x12b	A/D 12x12b	A/D 18x12b
Number of J/OIIIIIISubser of J/O54 × 34 × 34 × 34 × 34 × 34 × 34 × 34 ×	EEPROM Size	-	-	-	-
Votage - Supply (Vcc/Vd)AA<	Supplier Device Package	20-TSSOP	32-LQFP (7x7)	48-LQFP (7x7)	64-LQFP (10x10)
Race Product NumberSTM32F030STM32F030STM32F030STM32F030STM32F030Speed48MHz48MHz48MHz48MHz48MHzOscillator TypeInternalInternalInternalInternalInternalBese Product Number2-Bit Single-Core2-Bit Single-Core2-Bit Single-Core2-Bit Single-Core	Number of I/O	15	26	39	51
Speed48MHz48MHz48MHz48MHzScillator TypeInternalInternalInternalInternalCore Size328 Single-Core328 Single-Core328 Single-Core328 Single-Core	Voltage - Supply (Vcc/Vdd)	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V
Core Size Internal Internal Internal Internal 32-Bit Single-Core 32-Bit Single-Core 32-Bit Single-Core	Base Product Number	STM32F030	STM32F030	STM32F030	STM32F030
Core Size 32-Bit Single-Core 32-Bit Single-Core 32-Bit Single-Core 32-Bit Single-Core	Speed	48MHz	48MHz	48MHz	48MHz
	Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature -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
	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.

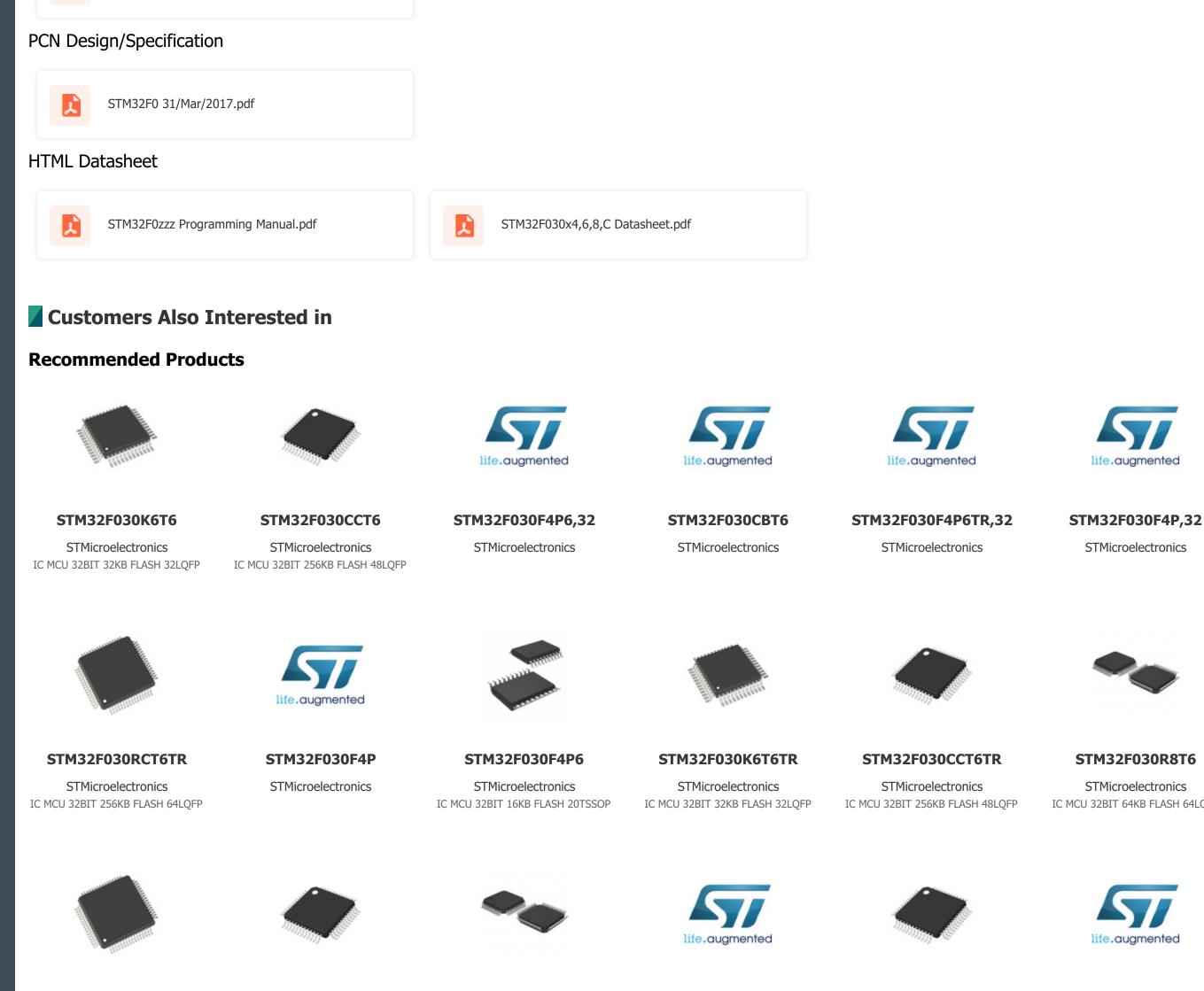
PCN Packaging





PCN Assembly/Origin





STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP

STM32F030RCT6

STMicroelectronics

STM32F031C4T6

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

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STM32F030R8T6

STMicroelectronics IC MCU 32BIT 64KB FLASH 64LQFP



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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
America	Brazil	7
	Germany	5
Europe	United Kingdom	4
	Italy	5
Oceania	Australia	6
Oceania	New Zealand	7
Asia	India	6
Азіа	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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Contact us if you have any questions.

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