



Image may be representation.
See specifications for product details.



STM32F071V8T6TR

Manufacturer Part Number	STM32F071V8T6TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32F071V8T6TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 64KB FLASH 100LQFP
Package	100-LQFP
Data sheet	STM32F071x8, STM32F071xB.pdf STM32F0zzz Programming Manual.pdf
RoHs Status	ROHS3 Compliant

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STM32F071V8T6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32F071V8T6TR datasheet/specifications on AllelcoElec.com.
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Specifications

STM32F071V8T6TR Tech Specifications
STM32F071V8T6TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	100-LQFP (14x14)	Number of I/O	87
Speed	48MHz	Mounting Type	Surface Mount
Series	STM32F0	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 19x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	64KB (64K x 8)	Core Processor	ARM® Cortex®-M0
Peripherals	DMA, I ² S, POR, PWM, WDT	Connectivity	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	100-LQFP	Base Product Number	STM32F071
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32F071V8T6TR

Product Attribute				
Part Number	STM32F071V8T6TR	STM32F071RB6	STM32F072C8T7	STM32F071CBU6TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
RAM Size	16K x 8	16K x 8	16K x 8	16K x 8
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Speed	48MHz	48MHz	48MHz	48MHz
EEPROM Size	-	-	-	-
Connectivity	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART, USB	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART
Base Product Number	STM32F071	STM32F071	STM32F072	STM32F071
Package	Tape & Reel (TR)	Tray	Tray	Tape & Reel (TR)
Series	STM32F0	STM32F0	STM32F0	STM32F0
Program Memory Size	64KB (64K x 8)	128KB (128K x 8)	64KB (64K x 8)	128KB (128K x 8)
Supplier Device Package	100-LQFP (14x14)	64-LQFP (10x10)	48-LQFP (7x7)	48-UQFPN (7x7)
Number of I/O	87	51	37	37
Data Converters	A/D 19x12b; D/A 2x12b	A/D 19x12b; D/A 2x12b	A/D 10x12b; D/A 2x12b	A/D 13x12b; D/A 2x12b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Peripherals	DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	100-LQFP	64-LQFP	48-LQFP	48-UQFPN Exposed Pad
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)

STM32F071V8T6TR Datasheet PDF

Download STM32F071V8T6TR pdf datasheets and STMicroelectronics documentation for STM32F071V8T6TR - STMicroelectronics.

Datasheets

STM32F071x8, STM32F071xB.pdf

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

PCN Assembly/Origin

Mult Dev 01/Mar/2021.pdf

PCN Design/Specification

Mult Dev 03/Nov/2022.pdf












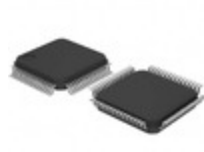
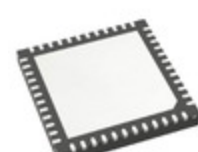

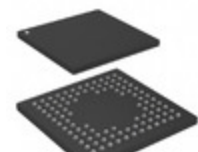
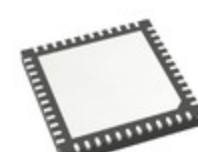
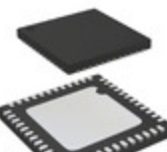
STM32Fx 24/Jun/2022.pdf

HTML Datasheet

STM32F0zzz Programming Manual.pdf

Customers Also Interested in

Recommended Products

					
STM32F071RBT6 STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP	STM32F071VBT61 STMicroelectronics	STM32F071C8T7,32 STMicroelectronics	STM32F072C8T7 STMicroelectronics IC MCU 32BIT 64KB FLASH 48LQFP	STM32F071CBU6TR STMicroelectronics IC MCU 32BIT 128KB FLSH 48UFQFPN	STM32F071VBT6TR STMicroelectronics IC MCU 32BIT 128KB FLASH 100LQFP
					
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STM32F071RBT6TR STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP	STM32F071CBU7 STMicroelectronics IC MCU 32BIT 128KB FLSH 48UFQFPN	STM32F071VBT6,32 STMicroelectronics	STM32F071VBH6 STMicroelectronics IC MCU 32BIT 128KB FLSH 100UFBGA	STM32F071CBU7TR STMicroelectronics IC MCU 32BIT 128KB FLSH 48UFQFPN	STM32F071CBU6 STMicroelectronics IC MCU 32BIT 128KB FLSH 48UFQFPN

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.

Payment Support

The payment method can be chosen from the methods shown below:
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Contact us if you have any questions.

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Certifications & Memberships



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