



Image may be representation.
See specifications for product details.



ST72F321AR9T6

Manufacturer Part Number	ST72F321AR9T6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST72F321AR9T6
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 60KB FLASH 64LQFP
Package	64-LQFP
Data sheet	ST72321yyy.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ST72F321AR9T6 - STMicroelectronics.New Original in Stock. Download Linear Technology ST72F321AR9T6 datasheet/specifications on AllelcoElec.com.
Request a quote for ST72F321AR9T6, please send us email: info@allelco.com

Specifications

ST72F321AR9T6 Tech Specifications

ST72F321AR9T6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	8MHz	Number of I/O	48
Series	ST7	Mounting Type	Surface Mount
RAM Size	2K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 16x10b
Program Memory Size	60KB (60K x 8)	Core Size	8-Bit
Peripherals	LVD, POR, PWM, WDT	Core Processor	ST7
Package / Case	64-LQFP	Connectivity	I ² C, SCI, SPI
Package	Tray	Base Product Number	ST72F

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST72F321AR9T6

Product Attribute				
Part Number	ST72F321AR9T6	ST72F321AR9TA	ST72F321AR6T6	ST72F321AR7T6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 16x10b
Base Product Number	ST72F	ST72F	ST72F	ST72F
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Number of I/O	48	48	48	48
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Series	ST7	ST7	ST7	ST7
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Speed	8MHz	8MHz	8MHz	8MHz
Package / Case	64-LQFP	64-LQFP	64-LQFP	64-TQFP
RAM Size	2K x 8	2K x 8	1K x 8	1.5K x 8
Program Memory Size	60KB (60K x 8)	60KB (60K x 8)	32KB (32K x 8)	48KB (48K x 8)
Oscillator Type	Internal	Internal	Internal	Internal
Core Processor	ST7	ST7	ST7	ST7
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Connectivity	I ² C, SCI, SPI	I ² C, SCI, SPI	I ² C, SCI, SPI	I ² C, SCI, SPI
Package	Tray	Tray	Tray	Tray
EEPROM Size	-	-	-	-

ST72F321AR9T6 Datasheet PDF

Download ST72F321AR9T6 pdf datasheets and STMicroelectronics documentation for ST72F321AR9T6 - STMicroelectronics.

PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)











PCN Obsolescence/ EOL

[ST9/ST10/ARM7/ST7ASSM/ST7CAN/ST7LITE/ST7MID/ST7HIG.pdf](#)

HTML Datasheet

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Recommended Products

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ST72F264G2H1 STMicroelectronics	ST72F321AR9TC STMicroelectronics	ST72F321AR9TA STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	ST72F321AR6T6 STMicroelectronics IC MCU 8BIT 32KB FLASH 64LQFP	ST72F321AR7T6 STMicroelectronics IC MCU 8BIT 48KB FLASH 64TQFP	ST72F264G2M6 STMicroelectronics IC MCU 8BIT 8KB FLASH 28SOIC
	 life.augmented				
ST72F262G2M6TR STMicroelectronics IC MCU 8BIT 8KB FLASH 28SOIC	ST72F264G2H1E STMicroelectronics	ST72F321BAR6T6 STMicroelectronics IC MCU 8BIT 32KB FLASH 64LQFP	ST72F264G2H6 STMicroelectronics IC MCU 8BIT 8KB FLASH 36LFBGA	ST72F262G2M6 STMicroelectronics IC MCU 8BIT 8KB FLASH 28SOIC	ST72F321AR6TA STMicroelectronics IC MCU 8BIT 32KB FLASH 64LQFP
					
ST72F321AR9TAE STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	ST72F264G1M6 STMicroelectronics IC MCU 8BIT 4KB FLASH 28SOIC	ST72F321BJ7T6TR STMicroelectronics IC MCU 8BIT 48KB FLASH 44LQFP	ST72F321BAR7T6 STMicroelectronics IC MCU 8BIT 48KB FLASH 64LQFP	ST72F321BAR9T6 STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	ST72F321BJ6T6 STMicroelectronics IC MCU 8BIT 32KB FLASH 44LQFP

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:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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