



Image may be representation.
See specifications for product details.



ST72F521AR9T6

Manufacturer Part Number	ST72F521AR9T6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST72F521AR9T6
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 60KB FLASH 64LQFP
Package	64-LQFP
Data sheet	ST72(F)521(B).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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Specifications

ST72F521AR9T6 Tech Specifications
ST72F521AR9T6 - 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	CANbus, 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 ST72F521AR9T6

Product Attribute				
Part Number	ST72F521AR9T6	ST72F32AK1T6TR	ST72F340S4T6	ST72F521R6TA
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Oscillator Type	Internal	External	Internal	Internal
Number of I/O	48	24	33	48
EEPROM Size	-	-	256 x 8	-
Program Memory Size	60KB (60K x 8)	4KB (4K x 8)	16KB (16K x 8)	32KB (32K x 8)
Connectivity	CANbus, I ² C, SCI, SPI	SCI, SPI	I ² C, LINbus, SCI, SPI	CANbus, I ² C, SCI, SPI
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 16x10b	A/D 8x10b	-	A/D 16x10b
Package / Case	64-LQFP	32-LQFP	44-LQFP	64-LQFP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	3.8V ~ 5.5V	2.7V ~ 5.5V	3.8V ~ 5.5V
RAM Size	2K x 8	384 x 8	1K x 8	1K x 8
Package	Tray	Tape & Reel (TR)	Tray	Tray
Series	ST7	ST7	ST7	ST7
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Peripherals	LVD, POR, PWM, WDT	POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Base Product Number	ST72F	ST72F	ST72F	ST72F
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	ST7	ST7	ST7	ST7
Speed	8MHz	8MHz	8MHz	8MHz

ST72F521AR9T6 Datasheet PDF

Download ST72F521AR9T6 pdf datasheets and STMicroelectronics documentation for ST72F521AR9T6 - STMicroelectronics.

Datasheets

[ST72\(F\)521\(B\).pdf](#)

PCN Packaging

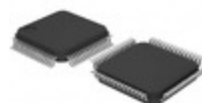
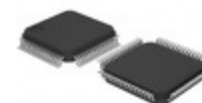
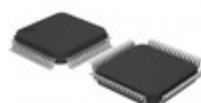
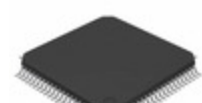
[Material Barrier Bag 17/Dec/2020.pdf](#)

PCN Obsolescence/ EOL

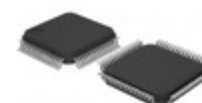


Customers Also Interested in

Recommended Products

**ST72F32AK1T6TR**STMicroelectronics
IC MCU 8BIT 4KB FLASH 32LQFP**ST72F340S4T6**STMicroelectronics
IC MCU 8BIT 16KB FLASH 44LQFP**ST72F521R6TA**STMicroelectronics
IC MCU 8BIT 32KB FLASH 64LQFP**ST72F345C4T6**STMicroelectronics
IC MCU 8BIT 16KB FLASH 48LQFP**ST72F361K9TC**STMicroelectronics
IC MCU 8BIT 60KB FLASH 32LQFP**ST72F521AR9TCE**STMicroelectronics
IC MCU 8BIT 60KB FLASH 64LQFP**ST72F521M9T6**STMicroelectronics
IC MCU 8BIT 60KB FLASH 80LQFP**ST72F521R9T6**STMicroelectronics
IC MCU 8BIT 60KB FLASH 64LQFP**ST72F521M9TC**STMicroelectronics
IC MCU 8BIT 60KB FLASH 80LQFP**ST72F344S4T6TR**STMicroelectronics
IC MCU 8BIT 16KB FLASH 44LQFP**ST72F521R6T3**

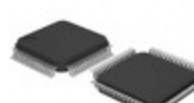
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**ST72F521AR9TC**STMicroelectronics
IC MCU 8BIT 60KB FLASH 64LQFP**ST72F521R6TC**STMicroelectronics
IC MCU 8BIT 32KB FLASH 64LQFP**ST72F361AR9TA**

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**ST72F521R9T3**STMicroelectronics
IC MCU 8BIT 60KB FLASH 64LQFP**ST72F521AR9T**

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**ST72F361ORX**

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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
	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.



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Contact us if you have any questions.



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Certifications & Memberships



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