



Image may be representation.  
See specifications for product details.



## ST72F521M9T6

Manufacturer Part Number	<b>ST72F521M9T6</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ST72F521M9T6
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 60KB FLASH 80LQFP
Package	80-LQFP
Data sheet	<b>ST72(F)521(B).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ST72F521M9T6 - STMicroelectronics.New Original in Stock. Download Linear Technology ST72F521M9T6 datasheet/specifications on AllelcoElec.com.  
Request a quote for ST72F521M9T6, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ST72F521M9T6 Tech Specifications

ST72F521M9T6 - 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	64
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	80-LQFP	Connectivity	CANbus, I <sup>2</sup> C, SCI, SPI
Package	Tray	Base Product Number	ST72F

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST72F521M9T6

Product Attribute				
Part Number	ST72F521M9T6	ST72F521AR9TC	ST72F521R6TC	ST72F521R9TA
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	ST7	ST7	ST7	ST7
Base Product Number	ST72F	ST72F	ST72F	ST72F
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 16x10b
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Program Memory Size	60KB (60K x 8)	60KB (60K x 8)	32KB (32K x 8)	60KB (60K x 8)
Number of I/O	64	48	48	48
Connectivity	CANbus, I <sup>2</sup> C, SCI, SPI	CANbus, I <sup>2</sup> C, SCI, SPI	CANbus, I <sup>2</sup> C, SCI, SPI	CANbus, I <sup>2</sup> C, SCI, SPI
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Core Processor	ST7	ST7	ST7	ST7
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V
RAM Size	2K x 8	2K x 8	1K x 8	2K x 8
Package	Tray	Tray	Tray	Tray
Package / Case	80-LQFP	64-LQFP	64-LQFP	64-LQFP
Speed	8MHz	8MHz	8MHz	8MHz

### ST72F521M9T6 Datasheet PDF

Download ST72F521M9T6 pdf datasheets and STMicroelectronics documentation for ST72F521M9T6 - STMicroelectronics.

#### Datasheets





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

#### PCN Obsolescence/ EOL

[MMS-MIC/13/7978 23/Jul/2013.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>ST72F521AR9TC</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F521R6TC</b> STMicroelectronics IC MCU 8BIT 32KB FLASH 64LQFP	<b>ST72F521R9TA</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F521R6T3</b> STMicroelectronics	<b>ST72F361K9TC</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 32LQFP	<b>ST72F521R6TA</b> STMicroelectronics IC MCU 8BIT 32KB FLASH 64LQFP
					
<b>ST72F521AR9TCE</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F561AR9T3</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F361ORX</b> STMicroelectronics	<b>ST72F361AR9TA</b> STMicroelectronics	<b>ST72F521R9T6</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F521BTAACH</b> STMicroelectronics
					
<b>ST72F521M9TC</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 80LQFP	<b>ST72F521AR9T</b> STMicroelectronics	<b>ST72F521R9T3</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F521AR9T6</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F521R9TC</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP	<b>ST72F561AR9T6</b> STMicroelectronics IC MCU 8BIT 60KB FLASH 64LQFP

## 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

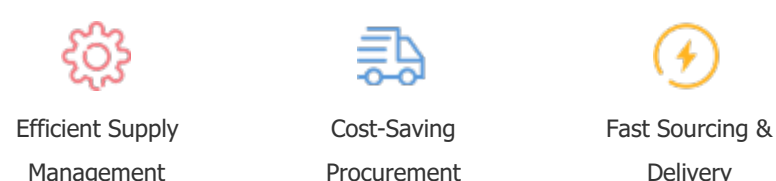
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

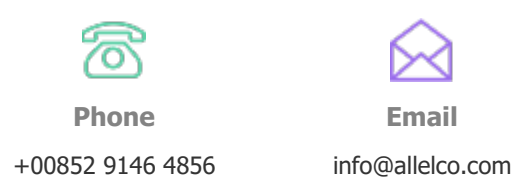
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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