

Image may be representation.  
See specifications for product details.



## ST72F324J4B6

Manufacturer Part Number	<b>ST72F324J4B6</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ST72F324J4B6
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 42DIP
Package	42-DIP (0.600", 15.24mm)
Data sheet	<b>ST72324(J,K)x.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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### Specifications

ST72F324J4B6 Tech Specifications  
ST72F324J4B6 - 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	32
Series	ST7	Mounting Type	Through Hole
RAM Size	512 x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 12x10b
Program Memory Size	16KB (16K x 8)	Core Size	8-Bit
Peripherals	LVD, POR, PWM, WDT	Core Processor	ST7
Package / Case	42-DIP (0.600", 15.24mm)	Connectivity	SCI, SPI
Package	Tube	Base Product Number	ST72F

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST72F324J4B6

Product Attribute				
Part Number	ST72F324J4B6	ST72F324K2T6	ST72F324K4B6	ST72F324J2TAE
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	32	24	24	32
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	42-DIP (0.600", 15.24mm)	32-LQFP	32-SDIP (0.400", 10.16mm)	44-LQFP
Package	Tube	Tray	Tube	Tray
Base Product Number	ST72F	ST72F	ST72F	ST72F
Core Processor	ST7	ST7	ST7	ST7
Speed	8MHz	8MHz	8MHz	8MHz
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Series	ST7	ST7	ST7	ST7
Program Memory Size	16KB (16K x 8)	8KB (8K x 8)	16KB (16K x 8)	8KB (8K x 8)
Data Converters	A/D 12x10b	A/D 8x10b	A/D 8x10b	A/D 12x10b
Connectivity	SCI, SPI	SCI, SPI	SCI, SPI	SCI, SPI
EEPROM Size	-	-	-	-
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
RAM Size	512 x 8	384 x 8	512 x 8	384 x 8

### ST72F324J4B6 Datasheet PDF

Download ST72F324J4B6 pdf datasheets and STMicroelectronics documentation for ST72F324J4B6 - STMicroelectronics.

PCN Obsolescence/ EOL

ST6/ ST7 Obs 08/Jul/2015.pdf

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ST72324(J,K)x.pdf

### Customers Also Interested in

## Recommended Products

					
<b>ST72F324K2T6</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP	<b>ST72F324K4B6</b> STMicroelectronics IC MCU 8BIT 16KB FLASH 32SDIP	<b>ST72F324J2TAE</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 44LQFP	<b>ST72F324BK6TAXS</b> STMicroelectronics IC MCU 8BIT 32KB FLASH 32LQFP	<b>ST72F324BPET</b> STMicroelectronics	<b>ST72F324BK6TC</b> STMicroelectronics
					
<b>ST72F324BK6TA</b> STMicroelectronics	<b>ST72F324J4T6</b> STMicroelectronics IC MCU 8BIT 16KB FLASH 44LQFP	<b>ST72F324J2T6</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 44LQFP	<b>ST72F324BK6TCTRE</b> STM	<b>ST72F324K2TC</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP	<b>ST72F324J6T6</b> STMicroelectronics IC MCU 8BIT 32KB FLASH 44LQFP
					
<b>ST72F324J6B6</b> STMicroelectronics IC MCU 8BIT 32KB FLASH 42SDIP	<b>ST72F324J6B5</b> STMicroelectronics IC MCU 8BIT 32KB FLASH 42DIP	<b>ST72F324K2B6</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 32SDIP	<b>ST72F324K286</b> STMicroelectronics	<b>ST72F324BK6T6,32</b> STMicroelectronics	<b>ST72F324J4B5</b> STMicroelectronics IC MCU 8BIT 16KB FLASH 42DIP

## 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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