



Image may be representation.
See specifications for product details.



ST72F32AK1T6

Manufacturer Part Number	ST72F32AK1T6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST72F32AK1T6
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 4KB FLASH 32LQFP
Package	32-LQFP
Data sheet	ST72F32AK1T6.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ST72F32AK1T6 - STMicroelectronics.New Original in Stock. Download Linear Technology ST72F32AK1T6 datasheet/specifications on AllelcoElec.com.
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Specifications

ST72F32AK1T6 Tech Specifications

ST72F32AK1T6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	8MHz	Number of I/O	24
Series	ST7	Mounting Type	Surface Mount
RAM Size	384 x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 8x10b
Program Memory Size	4KB (4K x 8)	Core Size	8-Bit
Peripherals	POR, PWM, WDT	Core Processor	ST7
Package / Case	32-LQFP	Connectivity	SCI, SPI
Package	Tray	Base Product Number	ST72F

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST72F32AK1T6

Product Attribute				
Part Number	ST72F32AK1T6	ST72F325J7T6	ST72F361K9TC	ST72F340S4T6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
EEPROM Size	-	-	-	256 x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	ST7	ST7	ST7	ST7
Number of I/O	24	32	24	33
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 8x10b	A/D 12x10b	A/D 6x10b	-
Peripherals	POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
RAM Size	384 x 8	1.5K x 8	2K x 8	1K x 8
Package / Case	32-LQFP	44-LQFP	32-LQFP	44-LQFP
Connectivity	SCI, SPI	I ² C, SCI, SPI	LINbusSCI, SPI	I ² C, LINbus, SCI, SPI
Program Memory Size	4KB (4K x 8)	48KB (48K x 8)	60KB (60K x 8)	16KB (16K x 8)
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V	2.7V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	ST7	ST7	ST7	ST7
Oscillator Type	External	Internal	External	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	ST72F	ST72F	ST72F	ST72F
Package	Tray	Tray	Tray	Tray
Speed	8MHz	8MHz	8MHz	8MHz

ST72F32AK1T6 Datasheet PDF

Download ST72F32AK1T6 pdf datasheets and STMicroelectronics documentation for ST72F32AK1T6 - STMicroelectronics.

PCN Obsolescence/ EOL

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

Customers Also Interested in

Recommended Products

**ST72F325J7T6**STMicroelectronics
IC MCU 8BIT 48KB FLASH 44LQFP**ST72F521AR9T**

STMicroelectronics

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IC MCU 8BIT 60KB FLASH 32LQFP**ST72F340S4T6**STMicroelectronics
IC MCU 8BIT 16KB FLASH 44LQFP**ST72F361AR9TA**

STMicroelectronics

ST72F325K4T6STMicroelectronics
IC MCU 8BIT 16KB FLASH 32LQFP**ST72F325K6T6**STMicroelectronics
IC MCU 8BIT 32KB FLASH 32LQFP**ST72F325K4T6TR**STMicroelectronics
IC MCU 8BIT 16KB FLASH 32LQFP**ST72F325J6T6**STMicroelectronics
IC MCU 8BIT 32KB FLASH 44LQFP**ST72F325K6T3**STMicroelectronics
IC MCU 8BIT 32KB FLASH 32LQFP**ST72F325K6T6TR**STMicroelectronics
IC MCU 8BIT 32KB FLASH 32LQFP**ST72F344S4T6TR**STMicroelectronics
IC MCU 8BIT 16KB FLASH 44LQFP**ST72F361ORX**

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**ST72F325J9T6**STMicroelectronics
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IC MCU 8BIT 8KB FLASH 44LQFP**ST72F32AK1T6TR**STMicroelectronics
IC MCU 8BIT 4KB FLASH 32LQFP**ST72F345C4T6**STMicroelectronics
IC MCU 8BIT 16KB FLASH 48LQFP**ST72F325J6T3**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.

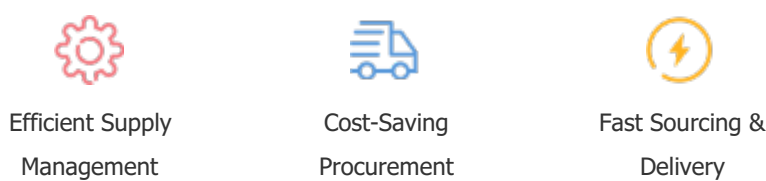
Contact us if you have any questions.

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 -



Contact us if you have any questions.



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Certifications & Memberships



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