



Image may be representation.
See specifications for product details.



STM8S903K3T6C

Manufacturer Part Number	STM8S903K3T6C
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8S903K3T6C
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 32LQFP
Package	32-LQFP
Data sheet	STM8 CPU Programming Manual.pdf STM8S, STM8AF Programming Manual.pdf STM8S903K3, STM8S903F3 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM8S903K3T6C - STMicroelectronics.New Original in Stock. Download Linear Technology STM8S903K3T6C datasheet/specifications on AllelcoElec.com.
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Specifications

STM8S903K3T6C Tech Specifications
STM8S903K3T6C - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.95V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	16MHz	Number of I/O	28
Series	STM8S	Mounting Type	Surface Mount
RAM Size	1K x 8	EEPROM Size	640 x 8
Program Memory Type	FLASH	Data Converters	A/D 7x10b
Program Memory Size	8KB (8K x 8)	Core Size	8-Bit
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Core Processor	STM8
Package / Case	32-LQFP	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART
Package	Tray	Base Product Number	STM8

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8S903K3T6C

Product Attribute				
Part Number	STM8S903K3T6C	STM8S208S6T6C	STM8S903K3U6TR	STM8S903F3M6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	STM8	STM8	STM8	STM8
RAM Size	1K x 8	6K x 8	1K x 8	1K x 8
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 7x10b	A/D 9x10b	A/D 7x10b	A/D 5x10b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	16MHz	24MHz	16MHz	16MHz
Series	STM8S	STM8S	STM8S	STM8S
Program Memory Size	8KB (8K x 8)	32KB (32K x 8)	8KB (8K x 8)	8KB (8K x 8)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Processor	STM8	STM8	STM8	STM8
EEPROM Size	640 x 8	1.5K x 8	640 x 8	640 x 8
Package	Tray	Tray	Tape & Reel (TR)	Tube
Number of I/O	28	34	28	16
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	32-LQFP	44-LQFP	32-UFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)

STM8S903K3T6C Datasheet PDF

Download STM8S903K3T6C pdf datasheets and STMicroelectronics documentation for STM8S903K3T6C - STMicroelectronics.

PCN Packaging

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

[CRP/14/8400 20/Mar/2014.pdf](#)

PCN Design/Specification

[Mult Dev 03/Nov/2022.pdf](#)

HTML Datasheet



STM8 CPU Programming Manual.pdf



STM8S, STM8AF Programming Manual.pdf



STM8S903K3, STM8S903F3 Datasheet.pdf

PCN Assembly/Origin



Mult Dev Line Transfer 25/Mar/2021.pdf

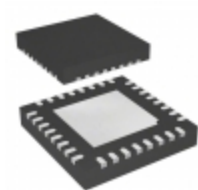
Customers Also Interested in

Recommended Products



STM8S208S6T6C

STMicroelectronics
IC MCU 8BIT 32KB FLASH 44LQFP



STM8S903K3U6TR

STMicroelectronics
IC MCU 8BIT 8KB FLASH 32UFQFPN



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STM8S903F3M6

STMicroelectronics
IC MCU 8BIT 8KB FLASH 20SOIC



STM8S903K3T6CTR

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IC MCU 8BIT 8KB FLASH 32LQFP



STM8S903K3T3CTR

STMicroelectronics
IC MCU 8BIT 8KB FLASH 32LQFP



STM8S903F3P6

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IC MCU 8BIT 8KB FLASH 20TSSOP



STM8S903K3T3C

STMicroelectronics
IC MCU 8BIT 8KB FLASH 32LQFP



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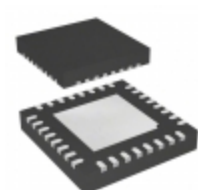


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STM8S903F3M3TR

STMicroelectronics
IC MCU 8BIT 8KB FLASH 20SO

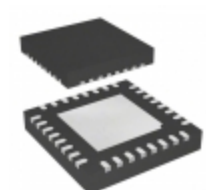


STM8S903K3U3TR

STMicroelectronics
IC MCU 8BIT 8KB FLASH 32UFQFPN

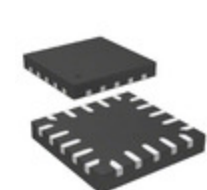


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STM8S903K3U6

STMicroelectronics
IC MCU 8BIT 8KB FLASH 32UFQFPN



STM8S903F3U6TR

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IC MCU 8BIT 8KB FLASH 20UFQFPN



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STM8S903K3

STMicroelectronics

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.



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Certifications & Memberships



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