



Image may be representation.  
See specifications for product details.



## STM8S103K3T6C

Manufacturer Part Number	<b>STM8S103K3T6C</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STM8S103K3T6C
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 32LQFP
Package	32-LQFP
Data sheet	<b>STM8S103F3, STM8S103K3 Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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STM8S103K3T6C - STMicroelectronics.New Original in Stock. Download Linear Technology STM8S103K3T6C datasheet/specifications on AllelcoElec.com.  
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### Specifications

STM8S103K3T6C Tech Specifications  
STM8S103K3T6C - 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 4x10b
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 <sup>2</sup> 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 STM8S103K3T6C

Product Attribute				
Part Number	STM8S103K3T6C	STM8S103F3U6TR	STM8S105C4T6TR	STM8S103F3P6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply (Vcc/Vdd)	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	28	16	38	16
Connectivity	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
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
Core Processor	STM8	STM8	STM8	STM8
RAM Size	1K x 8	1K x 8	2K x 8	1K x 8
Program Memory Size	8KB (8K x 8)	8KB (8K x 8)	16KB (16K x 8)	8KB (8K x 8)
Series	STM8S	STM8S	STM8S	STM8S
EEPROM Size	640 x 8	640 x 8	1K x 8	640 x 8
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 4x10b	A/D 5x10b	A/D 10x10b	A/D 5x10b
Package / Case	32-LQFP	20-UFQFN	48-LQFP	20-TSSOP (0.173', 4.40mm Width)
Speed	16MHz	16MHz	16MHz	16MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	STM8	STM8	STM8	STM8

### STM8S103K3T6C Datasheet PDF

Download STM8S103K3T6C pdf datasheets and STMicroelectronics documentation for STM8S103K3T6C - STMicroelectronics.

#### PCN Packaging

- [Material Barrier Bag 17/Dec/2020.pdf](#)
- [Box Label Chg 28/Jul/2016.pdf](#)

#### PCN Design/Specification

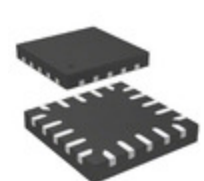











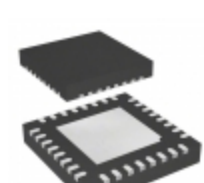





- [Mult Dev 03/Nov/2022.pdf](#)

#### HTML Datasheet

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 <b>STM8S103F3U6TR</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 20UFQFN	 <b>STM8S105C4T3,8</b> STMicroelectronics	 <b>STM8S105C4T6TR</b> STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP	 <b>STM8S103F3P6</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP	 <b>STM8S103K3T</b> STMicroelectronics	 <b>STM8S105C4T3</b> STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP
 <b>STM8S103K3T3CTR</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFPN	 <b>STM8S105C4T6,8</b> STMicroelectronics	 <b>STM8S103K3T6C,8</b> STMicroelectronics	 <b>STM8S103F3P6,8</b> STMicroelectronics	 <b>STM8S103F3P6TR</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP	 <b>STM8S105C4T6</b> STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP
 <b>STM8S103K3U6TR</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 32UFQFN	 <b>STM8S103K3T3C</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP	 <b>STM8S103K3T6CTR</b> STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP	 <b>STM8S103F3U6</b> STMicroelectronics	 <b>STM8S105C6T3</b> STMicroelectronics IC MCU 8BIT 32KB FLASH 48LQFP	 <b>STM8S103K3T6</b> 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


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