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See specifications for product details.



STM8S103K3T3C

Manufacturer Part Number	STM8S103K3T3C
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8S103K3T3C
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 32LQFP
Package	32-LQFP
Data sheet	STM8S103F3, STM8S103K3 Datasheet.pdf
RoHs Status	ROHS3 Compliant

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Specifications

STM8S103K3T3C Tech Specifications

STM8S103K3T3C - 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 ~ 125°C (TA)
Supplier Device Package	32-LQFP (7x7)	Number of I/O	28
Speed	16MHz	Mounting Type	Surface Mount
Series	STM8S	EEPROM Size	640 x 8
RAM Size	1K x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	STM8
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	32-LQFP	Base Product Number	STM8
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8S103K3T3C

Product Attribute				
Part Number	STM8S103K3T3C	STM8S103F3P6	STM8S103K3CTR	STM8S103K3U6TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Voltage - Supply (Vcc/Vdd)	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V
Data Converters	A/D 4x10b	A/D 5x10b	A/D 4x10b	A/D 4x10b
EEPROM Size	640 x 8	640 x 8	640 x 8	640 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
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
Series	STM8S	STM8S	STM8S	STM8S
Core Processor	STM8	STM8	STM8	STM8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tray	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Speed	16MHz	16MHz	16MHz	16MHz
Number of I/O	28	16	28	28
Supplier Device Package	32-LQFP (7x7)	20-TSSOP	32-LQFP (7x7)	32-UFQFPN (5x5)
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	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
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Package / Case	32-LQFP	20-TSSOP (0.173', 4.40mm Width)	32-LQFP	32-UFQFN Exposed Pad
Base Product Number	STM8	STM8	STM8	STM8
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)

STM8S103K3T3C Datasheet PDF

Download STM8S103K3T3C pdf datasheets and STMicroelectronics documentation for STM8S103K3T3C - STMicroelectronics.

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

CRP/14/8400 20/Mar/2014.pdf

HTML Datasheet





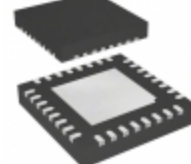









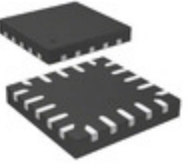



STM8S103F3, STM8S103K3 Datasheet.pdf



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 STM8S103F3P3TR STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP	 STM8S103F3U6 STMicroelectronics	 STM8S103F3U6TR STMicroelectronics IC MCU 8BIT 8KB FLASH 20UFQFN	 STM8S105C4T6 STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP	 STM8S105C4T3 STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP	 STM8S103F3P3 STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP

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Delivery Cost

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 - > 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.

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