STM8S003F3P6TR

Manufacturer Part Number	STM8S003F3P6TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8S003F3P6TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 20TSSOP
Package	20-TSSOP (0.173', 4.40mm Width)
Data sheet	STM8S003K3/F3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM8S003F3P6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM8S003F3P6TR datasheet/specifications on AllelcoElec.com.
Request a quote for STM8S003F3P6TR, please send us email: info@allelco.com

Specifications

STM8S003F3P6TR Tech Specifications
STM8S003F3P6TR - 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)
Supplier Device Package	20-TSSOP	Number of I/O	16
Speed	16MHz	Mounting Type	Surface Mount
Series	STM8S	EEPROM Size	128 x 8
RAM Size	1K x 8	Data Converters	A/D 5x10b
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	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	20-TSSOP (0.173', 4.40mm Width)	Base Product Number	STM8
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8S003F3P6TR

Product Attribute				
Part Number	STM8S003F3P6TR	STM8S005C6T6	STM8S003F3P6	STM8S003K3T6C
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Data Converters	A/D 5x10b	A/D 10x10b	A/D 5x10b	A/D 4x10b
EEPROM Size	128 x 8	128 x 8	128 x 8	128 x 8
Core Processor	STM8	STM8	STM8	STM8
Voltage - Supply (Vcc/Vdd)	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V
Speed	16MHz	16MHz	16MHz	16MHz
Series	STM8S	STM8S	STM8S	STM8S
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART
Package	Tape & Reel (TR)	Tray	Tube	Tray
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
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	20-TSSOP	48-LQFP (7x7)	20-TSSOP	32-LQFP (7x7)
Base Product Number	STM8	STM8	STM8	STM8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	16	38	16	28
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	1K x 8	2K x 8	1K x 8	1K x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	8KB (8K x 8)	32KB (32K x 8)	8KB (8K x 8)	8KB (8K x 8)
Package / Case	20-TSSOP (0.173', 4.40mm Width)	48-LQFP	20-TSSOP (0.173', 4.40mm Width)	32-LQFP

STM8S003F3P6TR Datasheet PDF

Download STM8S003F3P6TR pdf datasheets and STMicroelectronics documentation for STM8S003F3P6TR - STMicroelectronics.

PCN Packaging

📄 Box Label Chg 28/Jul/2016.pdf

📄 Mult Dev Inner Pkg Chg 30/Oct/2019.pdf
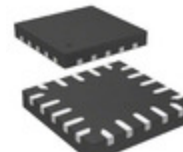
PCN Assembly/Origin

📄 2.73KHz.pdf

Image may be representation.
See specifications for product details.

HTML Datasheet

📄 STM8S003K3/F3.pdf

🟩 Customers Also Interested in

Recommended Products

STM8S003F3P6,8	STM8S005C6T6	STM8S003F2P6,8	STM8S003F3P6	STM8S003F3P6TR,8	STM8S003F3,8
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
	IC MCU 8BIT 32KB FLASH 48LQFP		IC MCU 8BIT 8KB FLASH 20TSSOP		

STM8S003F3U6TR.	STM8S003K3T6C,8	STM8S003K3T6C	STM8S003F3U6TR	STM8S003F3P	STM8S001J3M3
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
		IC MCU 8BIT 8KB FLASH 32LQFP	IC MCU 8BIT 8KB FLASH 20UFQFPN		IC MCU 8BIT 8KB FLASH 8SO

STM8S001J3M3TR	STM8LXX2T6GAL	STM8S003F2P6	STM8S003F3U6	STM8S003K3T6CTR	STM8S005C6T6,32
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC MCU 8BIT 8KB FLASH 8SO				IC MCU 8BIT 8KB FLASH 32LQFP	

🟩 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				DHL & FedEx Shipment Charges Reference	
Region	Country	Logistic Time(Day)		Shipment charges(KG)	Reference DHL(USD$)
America	United States	5		0.00kg-1.00kg	USD$60.00
	Brazil	7		1.00kg-2.00kg	USD$70.00
Europe	Germany	5		2.00kg-3.00kg	USD$80.00
	United Kingdom	4			
	Italy	5			
Oceania	Australia	6			
	New Zealand	7			
Asia	India	6			
	Japan	7			
Middle East	Israel	6			

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.

EASTWEST BANK   MasterCard   VISA
WESTERN UNION   PayPal

Your Faithful Supply Chain Partner -

Efficient Supply Management   Cost-Saving Procurement   Fast Sourcing & Delivery

Contact us if you have any questions.

Phone
+00852 9146 4856

Email
info@allelco.com

Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016   ISO 9001:2015 CERTIFIED COMPANY   ISO 14001:2015 CERTIFIED COMPANY

ISO 28000:2007   IPC Member   SMTA Surface Mount Technology Association

View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com