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See specifications for product details.



STM8S103F3P6

Manufacturer Part Number	STM8S103F3P6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8S103F3P6
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	STM8S103F3, STM8S103K3 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM8S103F3P6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM8S103F3P6 datasheet/specifications on AllelcoElec.com.
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Specifications

STM8S103F3P6 Tech Specifications

STM8S103F3P6 - 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	640 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	I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	20-TSSOP (0.173', 4.40mm Width)	Base Product Number	STM8
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8S103F3P6

Product Attribute				
Part Number	STM8S103F3P6	STM8S103F3M6	STM8S103F2U6TR	STM8S103K3T6C
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
EEPROM Size	640 x 8	640 x 8	640 x 8	640 x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
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
Package	Tube	Tube	Tape & Reel (TR)	Tray
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	16MHz	16MHz	16MHz	16MHz
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Data Converters	A/D 5x10b	A/D 5x10b	A/D 5x10b	A/D 4x10b
Number of I/O	16	16	16	28
Supplier Device Package	20-TSSOP	20-SO	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	STM8	STM8	STM8	STM8
Voltage - Supply (Vcc/Vdd)	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V	2.95V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	8KB (8K x 8)	8KB (8K x 8)	4KB (4K x 8)	8KB (8K x 8)
Series	STM8S	STM8S	STM8S	STM8S
Package / Case	20-TSSOP (0.173', 4.40mm Width)	20-SOIC (0.295", 7.50mm Width)	20-UFQFN	32-LQFP
Core Processor	STM8	STM8	STM8	STM8
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
Oscillator Type	Internal	Internal	Internal	Internal

STM8S103F3P6 Datasheet PDF

Download STM8S103F3P6 pdf datasheets and STMicroelectronics documentation for STM8S103F3P6 - STMicroelectronics.

PCN Packaging

Moisture Barrier Bag 09/May/2016.pdf

Box Label Chg 28/Jul/2016.pdf

PCN Assembly/Origin

2.73KHz.pdf



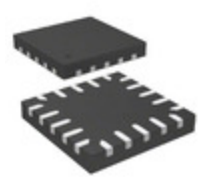
STM8S103F3, STM8S103K3 Datasheet.pdf

Customers Also Interested in

Recommended Products



STM8S103F3M6
STMicroelectronics
IC MCU 8BIT 8KB FLASH 20SOIC



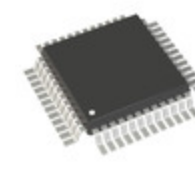
STM8S103F2U6TR
STMicroelectronics
IC MCU 8BIT 4KB FLASH 20UFQFN



STM8S103K3T6C
STMicroelectronics
IC MCU 8BIT 8KB FLASH 32LQFP



STM8S103K3T3CTR
STMicroelectronics
IC MCU 8BIT 8KB FLASH 32LQFP



STM8S103K3T3C
STMicroelectronics
IC MCU 8BIT 8KB FLASH 32LQFP



STM8S103F3M6,8
STMicroelectronics



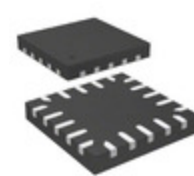
STM8S103F2P6TR
STMicroelectronics
IC MCU 8BIT 4KB FLASH 20TSSOP



STM8S103F3P3
STMicroelectronics
IC MCU 8BIT 8KB FLASH 20TSSOP



STM8S103F2U6TR,8
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STM8S103F3U6TR
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IC MCU 8BIT 8KB FLASH 20UFQFN



STM8S103F3U6
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STM8S103F3M6TR
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IC MCU 8BIT 8KB FLASH 20SOIC



STM8S103F3P3,8
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STM8S103F3P6TR
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IC MCU 8BIT 8KB FLASH 20TSSOP



STM8S103K3T
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STM8S103F3P6,8
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STM8S103F3P3TR
STMicroelectronics
IC MCU 8BIT 8KB FLASH 20TSSOP



STM8S103F3M3
STMicroelectronics
IC MCU 8BIT 8KB FLASH 20SOIC

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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