

**STM8S103F2P3TR Information**


For Reference Only

**Part Number** [STM8S103F2P3TR](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 4KB FLASH 20TSSOP  
**Package** 20-TSSOP (0.173", 4.40mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**STM8S103F2P3TR Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">STM8S103F2P3TR</a>   |
| Manufacturer               | STMicroelectronics   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 20-TSSOP (0.173", 4.40mm Width)  |
| Series                     | STM8S  |
| Core Processor             | STM8   |
| Core Size                  | 8-Bit  |
| Speed                      | 16MHz  |
| Connectivity               | I2C, IrDA, LIN, SPI, UART/USART  |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                                    |
| Number of I/O              | 16   |
| Program Memory Size        | 4KB (4K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 640 x 8  |
| RAM Size                   | 1K x 8   |
| Voltage - Supply (Vcc/Vdd) | 2.95 V ~ 5.5 V   |
| Data Converters            | A/D 5x10b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 125°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 20-TSSOP (0.173", 4.40mm Width)  |
| Supplier Device Package    | 20-TSSOP   |

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## STM8S103F2P3TR Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## STM8S103F2P3TR Payment Methods



## STM8S103F2P3TR Shipping Methods



If you have any question about STM8S103F2P3TR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)