



Image may be representation.
See specifications for product details.



STM8S208S6T6C

| | |
|--------------------------|--|
| Manufacturer Part Number | STM8S208S6T6C |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-STM8S208S6T6C |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | IC MCU 8BIT 32KB FLASH 44LQFP |
| Package | 44-LQFP |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

STM8S208S6T6C - STMicroelectronics.New Original in Stock. Download Linear Technology STM8S208S6T6C datasheet/specifications on AllelcoElec.com.
Request a quote for STM8S208S6T6C, please send us email: info@allelco.com

Specifications

STM8S208S6T6C Tech Specifications

STM8S208S6T6C - 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 | 44-LQFP (10x10) | Number of I/O | 34 |
| Speed | 24MHz | Mounting Type | Surface Mount |
| Series | STM8S | EEPROM Size | 1.5K x 8 |
| RAM Size | 6K x 8 | Data Converters | A/D 9x10b |
| Program Memory Type | FLASH | Core Size | 8-Bit |
| Program Memory Size | 32KB (32K x 8) | Core Processor | STM8 |
| Peripherals | Brown-out Detect/Reset, POR, PWM, WDT | Connectivity | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART |
| Package / Case | 44-LQFP | Base Product Number | STM8 |
| Package | Tray | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8S208S6T6C

| Product Attribute | | | | |
|----------------------------|---|---|---|---|
| Part Number | STM8S208S6T6C | STM8S903K3T3CTR | STM8S208R8T6 | STM8S903F3U6TR |
| Manufacturer | STMicroelectronics | STMicroelectronics | STMicroelectronics | STMicroelectronics |
| Operating Temperature | -40°C ~ 85°C (TA) | -40°C ~ 125°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) |
| Data Converters | A/D 9x10b | A/D 7x10b | A/D 16x10b | A/D 5x10b |
| Program Memory Size | 32KB (32K x 8) | 8KB (8K x 8) | 64KB (64K x 8) | 8KB (8K x 8) |
| Connectivity | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART | I ² C, IrDA, LINbus, SPI, UART/USART | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART | I ² C, IrDA, LINbus, SPI, UART/USART |
| Core Size | 8-Bit | 8-Bit | 8-Bit | 8-Bit |
| Supplier Device Package | 44-LQFP (10x10) | 32-LQFP (7x7) | 64-LQFP (10x10) | 20-UFQFPN (3x3) |
| Number of I/O | 34 | 28 | 52 | 16 |
| Package | Tray | Tape & Reel (TR) | Tray | Tape & Reel (TR) |
| RAM Size | 6K x 8 | 1K x 8 | 6K x 8 | 1K x 8 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package / Case | 44-LQFP | 32-LQFP | 64-LQFP | 20-UFQFN |
| 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 |
| EEPROM Size | 1.5K x 8 | 640 x 8 | 2K x 8 | 640 x 8 |
| Program Memory Type | FLASH | FLASH | FLASH | FLASH |
| Speed | 24MHz | 16MHz | 24MHz | 16MHz |
| Voltage - Supply (Vcc/Vdd) | 2.95V ~ 5.5V | 2.95V ~ 5.5V | 2.95V ~ 5.5V | 2.95V ~ 5.5V |
| Oscillator Type | Internal | Internal | Internal | Internal |
| Base Product Number | STM8 | STM8 | STM8 | STM8 |
| Series | STM8S | STM8S | STM8S | STM8S |

STM8S208S6T6C Datasheet PDF

Download STM8S208S6T6C pdf datasheets and STMicroelectronics documentation for STM8S208S6T6C - STMicroelectronics.

Datasheets

[Cylindrical Battery Holders.pdf](#)



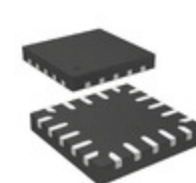















PCN Packaging

[2.73KHz.pdf](#)

 STM8/STM32 10/Mar/2020.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|--|--|--|---|--|--|
|  |  |  |  |  |  |
| STM8S903K3T3CTR STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP | STM8S208R8T6 STMicroelectronics IC MCU 8BIT 64KB FLASH 64LQFP | STM8S903F3U6TR STMicroelectronics IC MCU 8BIT 8KB FLASH 20UFQFPN | STM8S208RBT6,8 STMicroelectronics | STM8S903F3M6 STMicroelectronics IC MCU 8BIT 8KB FLASH 20SOIC | STM8S208C8T6 STMicroelectronics IC MCU 8BIT 64KB FLASH 48LQFP |
|  |  |  |  |  |  |
| STM8S208MBT6B STMicroelectronics IC MCU 8BIT 128KB FLASH 80LQFP | STM8S208R8T6,8 STMicroelectronics | STM8S903F3M6,8 STMicroelectronics | STM8S208RBT3 STMicroelectronics IC MCU 8BIT 128KB FLASH 64LQFP | STM8S903K3T6C STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP | STM8S208C8T6TR STMicroelectronics IC MCU 8BIT 64KB FLASH 48LQFP |
|  |  |  |  |  |  |
| STM8S208RBT6 STMicroelectronics IC MCU 8BIT 128KB FLASH 64LQFP | STM8S903K3T3C STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP | STM8S208CBT6 STMicroelectronics IC MCU 8BIT 128KB FLASH 48LQFP | STM8S903F3P6 STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP | STM8S903F3M3TR STMicroelectronics IC MCU 8BIT 8KB FLASH 20SO | STM8S208MBT6B,8 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



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.

| | |
|--|--|
|  Phone +00852 9146 4856 |  Email info@allelco.com |
|--|--|

Certifications & Memberships



[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