



Image may be representation. See specifications for product details.

STM8S208C6T6

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8S208C6T6                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                 |
| Product description | IC MCU 8BIT 32KB FLASH 48LQFP                                                                                      |
| Datasheets:         |  <a href="#">STM8S208C6T6.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

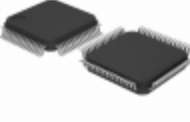
Specifications of STM8S208C6T6

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8S208C6T6                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 48LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       |  <a href="#">STM8S208C6T6.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.95 V ~ 5.5 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                        |
| SPEED                            | 24MHz                                                                                                                |
| SERIES                           | STM8S                                                                                                                |
| RAM SIZE                         | 6K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                |
| PACKAGING                        | Tray                                                                                                                 |
| PACKAGE / CASE                   | 48-LQFP                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                    |
| NUMBER OF I/O                    | 38                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 35 Weeks                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| EEPROM SIZE                      | 2K x 8                                                                                                               |
| DETAILED DESCRIPTION             | STM8 STM8S Microcontroller IC 8-Bit 24MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)                                         |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                |
| CORE PROCESSOR                   | STM8                                                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                           |

Related Tags

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Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>STM8S208MBT6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>STM8S208C6T3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: Out stock</p> <p>RFQ</p>    |
|  <p><b>STM8S207S8T6C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 44LQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>STM8S208CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 48LQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>STM8S207S8T3CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 44LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>STM8S207SBT6C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 44LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>STM8S208C8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>STM8S208R8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>    |
|  <p><b>STM8S207SBT3C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 44LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>STM8S207S8T6CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 44LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>STM8S208C8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: Out stock</p> <p>RFQ</p>              |  <p><b>STM8S208C6T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: Out stock</p> <p>RFQ</p>              |