



STMicroelectronics



Image may be representation. See specifications for product details.

STM8S208RBT3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8S208RBT3                                                                                                 |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 128KB FLASH 64LQFP                                                                               |
|                     |  1.STM8S208RBT3.pdf         |
|                     |  2.STM8S208RBT3.pdf         |
|                     |  3.STM8S208RBT3.pdf         |
|                     |  4.STM8S208RBT3.pdf         |
|                     |  5.STM8S208RBT3.pdf         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35852 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of STM8S208RBT3

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8S208RBT3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 64LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 35852 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       |  1.STM8S208RBT3.pdf<br> 2.STM8S208RBT3.pdf<br> 3.STM8S208RBT3.pdf<br> 4.STM8S208RBT3.pdf<br> 5.STM8S208RBT3.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.95 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 24MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | STM8S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 6K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OTHER NAMES                      | 497-16860                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EEPROM SIZE                      | 2K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | STM8 STM8S Microcontroller IC 8-Bit 24MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CORE PROCESSOR                   | STM8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

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Related Products

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|  <div><b>STM8S208C6T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: 79656 pcs</div> <div>RFQ</div>            |  <div><b>STM8S208S6T6C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: 33774 pcs</div> <div>RFQ</div>  |
|  <div><b>STM8S208CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 48LQFP<br/>In stock: 29665 pcs</div> <div>RFQ</div> |  <div><b>STM8S208R8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br/>In stock: 47188 pcs</div> <div>RFQ</div>   |
|  <div><b>STM8S208C8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: 58777 pcs</div> <div>RFQ</div>            |  <div><b>STM8S208S6T3C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: 50780 pcs</div> <div>RFQ</div>  |
|  <div><b>STM8S208RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: 28444 pcs</div> <div>RFQ</div> |  <div><b>STM8S903F3M6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 142176 pcs</div> <div>RFQ</div>   |
|  <div><b>STM8S903F3M3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: SO 20 .30 TO JEDEC M<br/>In stock: 106085 pcs</div> <div>RFQ</div>        |  <div><b>STM8S208MBT6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 22347 pcs</div> <div>RFQ</div> |
|  <div><b>STM8S903F3M3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20SO<br/>In stock: 137192 pcs</div> <div>RFQ</div>    |  <div><b>STM8S208C8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 36327 pcs</div> <div>RFQ</div>   |