



STM8S207CBT6TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8S207CBT6TR                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 128KB FLASH 48LQFP                                                                               |
| Datasheets:         | <a href="#">PDF STM8S207CBT6TR.pdf</a>                                                                       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of STM8S207CBT6TR

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| PART NUMBER                      | STM8S207CBT6TR                                                   |
| MANUFACTURER                     | STMicroelectronics                                               |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 48LQFP                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| DATA SHEET                       | <a href="#">PDF STM8S207CBT6TR.pdf</a>                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.95 V ~ 5.5 V                                                   |
| 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                        | Tape & Reel (TR)                                                 |
| 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 128KB (128K x 8) FLASH |
| DATA CONVERTERS                  | A/D 10x10b                                                       |
| CORE SIZE                        | 8-Bit                                                            |
| CORE PROCESSOR                   | STM8                                                             |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                               |
| BASE PART NUMBER                 | STM8S207                                                         |

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|  <div><b>STM8S207C8T3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>STM8S207K6T3C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>STM8S207C8T3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>STM8S207K8T3C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
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|  <div><b>STM8S207CBT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>STM8S207C8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |