






STMicroelectronics

STM8S207K8T6CTR

|                     |  |
|---------------------|--|
| Part Number:        | STM8S207K8T6CTR  |
| Manufacturer/Brand: | STMicroelectronics   |
| Product description | IC MCU 8BIT 64KB FLASH 32LQFP  |
| Datasheets:         |  STM8S207K8T6CTR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 73498 pcs stock  |
| Ship From           | Hong Kong  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS  |

REQUEST FOR QUOTATION













Specifications of STM8S207K8T6CTR

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | STM8S207K8T6CTR   |
| MANUFACTURER                     | STMicroelectronics  |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 32LQFP   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 73498 pcs   |
| DATA SHEET                       |  STM8S207K8T6CTR.pdf |
| 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              | 64KB (64K x 8)  |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT   |
| PACKAGING                        | Tape & Reel (TR)  |
| PACKAGE / CASE                   | 32-LQFP   |
| OSCILLATOR TYPE                  | Internal  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF I/O                    | 25  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| EEPROM SIZE                      | 1K x 8  |
| DETAILED DESCRIPTION             | STM8 STM8S Microcontroller IC 8-Bit 24MHz 64KB (64K x 8) FLASH  |
| DATA CONVERTERS                  | A/D 7x10b   |
| CORE SIZE                        | 8-Bit   |
| CORE PROCESSOR                   | STM8  |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART  |
| BASE PART NUMBER                 | STM8S207  |

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Related Products

|  |   |
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|  <div><b>STM8S207K8T3CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 63745 pcs<br/><div>RFQ</div></div> |  <div><b>STM8S207M8T6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br/>In stock: 45279 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM8S207M8T3BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 80 14X14X1.4 1<br/>In stock: 36475 pcs<br/><div>RFQ</div></div>           |  <div><b>STM8S207MBT6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 80 14X14X1.4 1<br/>In stock: 52102 pcs<br/><div>RFQ</div></div>           |
|  <div><b>STM8S207K6T6C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 43294 pcs<br/><div>RFQ</div></div>   |  <div><b>STM8S207K6T3CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 80392 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM8S207MBT6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 36105 pcs<br/><div>RFQ</div></div>  |  <div><b>STM8S207K8T6C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 68945 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM8S207K6T6CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 76857 pcs<br/><div>RFQ</div></div> |  <div><b>STM8S207M8T3B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br/>In stock: 40634 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM8S207M8T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br/>In stock: 43765 pcs<br/><div>RFQ</div></div>   |  <div><b>STM8S207K8T3C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 58216 pcs<br/><div>RFQ</div></div>   |