



STM32F207ZET6TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F207ZET6TR                                                                                              |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                             |
| Datasheets:         | <a href="#">1.STM32F207ZET6TR.pdf</a><br><a href="#">2.STM32F207ZET6TR.pdf</a>                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

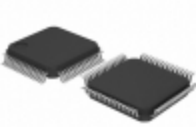
Specifications of STM32F207ZET6TR

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|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F207ZET6TR                                                                                  |
| MANUFACTURER                     | STMicroelectronics                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| DATA SHEET                       | <a href="#">1.STM32F207ZET6TR.pdf</a><br><a href="#">2.STM32F207ZET6TR.pdf</a>                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                 |
| SPEED                            | 120MHz                                                                                           |
| SERIES                           | STM32F2                                                                                          |
| RAM SIZE                         | 132K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                            |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                |
| NUMBER OF I/O                    | 114                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| EEPROM SIZE                      | -                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32F2 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                            |
| CORE SIZE                        | 32-Bit                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                  |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, IrDA, LINbus, Memory Card, SPI, UART/USART, USB OTG                       |
| BASE PART NUMBER                 | STM32F207                                                                                        |

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| STMicroelectronics STM32F207ZET6TR | STM32F207ZET6TR Distributor        | STM32F207ZET6TR Supplier               |
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Related Products

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| <div><div>life.augmented</div></div> <div><b>STM32F207ZCT7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>STM32F207VGT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 52 pcs<br/><div>RFQ</div></div>     |
| <div><div>life.augmented</div></div> <div><b>STM32F207ZCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>STM32F207ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 521 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>STM32F207VGT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>                            | <div></div> <div><b>STM32F207ZGT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>STM32F215RET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 908 pcs<br/><div>RFQ</div></div>                               | <div></div> <div><b>STM32F207ZGT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 335 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>STM32F207ZGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 205 pcs<br/><div>RFQ</div></div>                                | <div></div> <div><b>STM32F207ZGT6J</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>STM32F207ZCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 734 pcs<br/><div>RFQ</div></div>                              | <div></div> <div><b>STM32F207ZFT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 4 pcs<br/><div>RFQ</div></div>    |