



STM32F205ZET7TR

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F205ZET7TR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                    |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                                      |
| Datasheets:         |  <a href="#">STM32F205ZET7TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 14246 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Specifications of STM32F205ZET7TR

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F205ZET7TR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 14246 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">STM32F205ZET7TR.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, I <sup>2</sup> S, LCD, POR, PWM, WDT                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 114                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| 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, I <sup>2</sup> C, IrDA, LINbus, MMC, SPI, UART/USART, USB OTG                                                   |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F205ZCT7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 15214 pcs<br/><div>RFQ</div></div> |  <div><b>STM32F205ZET7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 9633 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32F205ZET6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 11890 pcs<br/><div>RFQ</div></div>  |  <div><b>STM32F205ZGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 7572 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32F205ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 9046 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32F205ZGT6V</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 8698 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F205ZET6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 12249 pcs<br/><div>RFQ</div></div> |  <div><b>STM32F205ZGT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9919 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32F205ZFT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 8706 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32F205ZCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 7875 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32F205ZGT6W</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 8783 pcs<br/><div>RFQ</div></div>     |  <div><b>STM32F205ZGT6J</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 8852 pcs<br/><div>RFQ</div></div>  |