



STMicroelectronics



STM32F105R8T7

|                     |                                                                            |
|---------------------|----------------------------------------------------------------------------|
| Part Number:        | STM32F105R8T7                                                              |
| Manufacturer/Brand: | STMicroelectronics                                                         |
| Product description | LQFP 64 10X10X1.4 1                                                        |
| Datasheets:         | <a href="#">1.STM32F105R8T7.pdf</a><br><a href="#">2.STM32F105R8T7.pdf</a> |
| Ship From           | Hong Kong                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                      |

REQUEST FOR QUOTATION

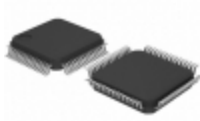
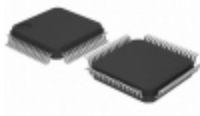
Specifications of STM32F105R8T7

|                                 |                                                                              |
|---------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                     | STM32F105R8T7                                                                |
| MANUFACTURER                    | STMicroelectronics                                                           |
| DESCRIPTION                     | LQFP 64 10X10X1.4 1                                                          |
| LEAD FREE STATUS / ROHS STATUS  |                                                                              |
| DATA SHEET                      | <a href="#">1.STM32F105R8T7.pdf</a><br><a href="#">2.STM32F105R8T7.pdf</a>   |
| VOLTAGE - SUPPLY (VCC/VDD)      | 2 V ~ 3.6 V                                                                  |
| SPEED                           | 72MHz                                                                        |
| SERIES                          | STM32F1                                                                      |
| RAM SIZE                        | 64K x 8                                                                      |
| PROGRAM MEMORY TYPE             | FLASH                                                                        |
| PROGRAM MEMORY SIZE             | 64KB (64K x 8)                                                               |
| PERIPHERALS                     | DMA, POR, PWM, Voltage Detect, WDT                                           |
| PACKAGE / CASE                  | 64-LQFP                                                                      |
| OSCILLATOR TYPE                 | Internal                                                                     |
| OPERATING TEMPERATURE           | -40°C ~ 105°C (TA)                                                           |
| NUMBER OF I/O                   | 51                                                                           |
| MANUFACTURER STANDARD LEAD TIME | 10 Weeks                                                                     |
| EEPROM SIZE                     | -                                                                            |
| DETAILED DESCRIPTION            | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH |
| DATA CONVERTERS                 | A/D 16x12b; D/A 2x12b                                                        |
| CORE SIZE                       | 32-Bit                                                                       |
| CORE PROCESSOR                  | ARM® Cortex®-M3                                                              |
| CONNECTIVITY                    | CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG                          |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32F105R8T7 | STM32F105R8T7 Distributor        | STM32F105R8T7 Supplier               |
| STM32F105R8T7 Price              | STM32F105R8T7 Pictures           | STM32F105R8T7 Image                  |
| STM32F105R8T7 PDF Datasheet      | STM32F105R8T7 Download Datasheet | STM32F105R8T7 Datasheet              |
| STM32F105R8T7 Stock              | Buy STM32F105R8T7                | Buy STMicroelectronics STM32F105R8T7 |
| STMicroelectronics STM32F105R8T7 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM32F105R8T7                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>STM32F105R8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 160 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>STM32F103ZGT6</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>STM32F103ZGH7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>STM32F103ZGT6TR</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>STM32F105R8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>STM32F105RBT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>STM32F105RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>STM32F105RCT6V</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 800 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>STM32F105RCT6W</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>STM32F105RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>STM32F103ZGT6J</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>STM32F105RCT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |

