



STM32F100R6T6BTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F100R6T6BTR                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 32KB FLASH 64LQFP                                                                               |
| Datasheets:         | <a href="#">PDF STM32F100R6T6BTR.pdf</a>                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

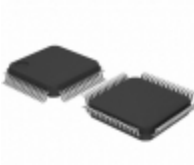
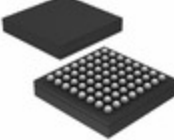
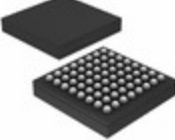
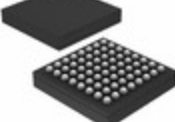
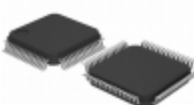
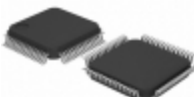
Specifications of STM32F100R6T6BTR

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F100R6T6BTR                                                                             |
| MANUFACTURER                     | STMicroelectronics                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| DATA SHEET                       | <a href="#">PDF STM32F100R6T6BTR.pdf</a>                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                              |
| SPEED                            | 24MHz                                                                                        |
| SERIES                           | STM32F1                                                                                      |
| RAM SIZE                         | 4K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                        |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                               |
| PERIPHERALS                      | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                             |
| PACKAGE / CASE                   | 64-LQFP                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                            |
| NUMBER OF I/O                    | 51                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| EEPROM SIZE                      | -                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 24MHz 32KB (32K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 16x12b; D/A 2x12b                                                                        |
| CORE SIZE                        | 32-Bit                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                              |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                           |
| BASE PART NUMBER                 | STM32F100                                                                                    |

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Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F100R6T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>STM32F100R4T6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM32F100R8H6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>STM32F100R4H6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 64BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>STM32F100R8T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 639 pcs<br/><div>RFQ</div></div>      |  <div><b>STM32F100R6H6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 64TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>STM32F100R8T7B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 735 pcs<br/><div>RFQ</div></div>      |  <div><b>STM32F100R8H7B</b><br/>Manufacturers: STMicroelectronics<br/>Description: TFBGA 5X5X1.2 64 F8X<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
|  <div><b>STM32F100CBT7BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM32F100R8T7BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM32F100R4T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>STM32F100R8T6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 990 pcs<br/><div>RFQ</div></div>   |