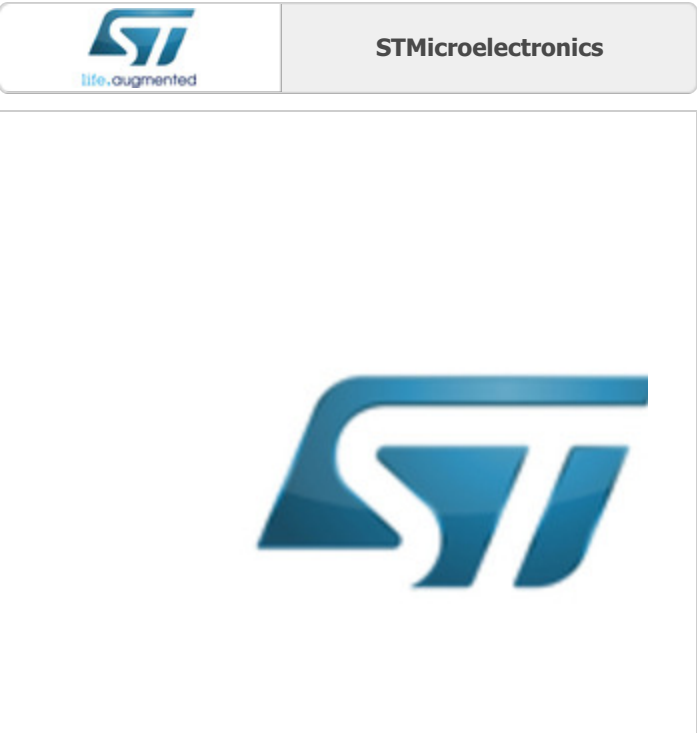




STM32F100ZET6BTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F100ZET6BTR                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP                                                                             |
| Datasheets:         |  STM32F100ZET6BTR.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 18847 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of STM32F100ZET6BTR

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F100ZET6BTR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 18847 pcs                                                                                                |
| DATA SHEET                       |  STM32F100ZET6BTR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                         |
| SPEED                            | 24MHz                                                                                                    |
| SERIES                           | STM32F1                                                                                                  |
| RAM SIZE                         | 32K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                         |
| PERIPHERALS                      | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 100-LQFP                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 112                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 24MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)          |
| 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                                                                                                |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics STM32F100ZET6BTR | STM32F100ZET6BTR Distributor        | STM32F100ZET6BTR Supplier               |
| STM32F100ZET6BTR Price              | STM32F100ZET6BTR Pictures           | STM32F100ZET6BTR Image                  |
| STM32F100ZET6BTR PDF Datasheet      | STM32F100ZET6BTR Download Datasheet | STM32F100ZET6BTR Datasheet              |
| STM32F100ZET6BTR Stock              | Buy STM32F100ZET6BTR                | Buy STMicroelectronics STM32F100ZET6BTR |
| STMicroelectronics STM32F100ZET6BTR | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STM32F100ZET6BTR                    |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>STM32F101C6T6ATR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 45959 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>STM32F100ZET6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 13188 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>STM32F100VET6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 29078 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>STM32F101C6T6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 24819 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>STM32F100ZDT6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 144LQFP<br/>In stock: 21207 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>STM32F100VET7B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 23783 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>STM32F100ZCT6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 14116 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>STM32F101C6T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 32064 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>STM32F101C8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 21547 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>STM32F100ZDT6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 144 20X20X1.4 2<br/>In stock: 21823 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>STM32F100ZET7B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 17231 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>STM32F101C4T6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: 47300 pcs<br/><div>RFQ</div></div>   |