



STMicroelectronics



STM32F723ZCT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F723ZCT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH144LQFP                                                                              |
| Datasheets:         |  STM32F723ZCT6.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

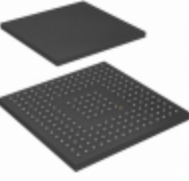
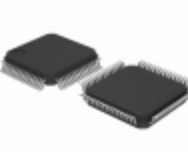
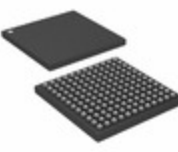
Specifications of STM32F723ZCT6

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F723ZCT6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH144LQFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  STM32F723ZCT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                         |
| SPEED                            | 216MHz                                                                                                |
| SERIES                           | STM32F7                                                                                               |
| RAM SIZE                         | 256K x 8                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 112                                                                                                   |
| 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®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 256KB (256K x 8) FLASH                       |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M7                                                                                       |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB                           |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32F723ZCT6 | STM32F723ZCT6 Distributor        | STM32F723ZCT6 Supplier               |
| STM32F723ZCT6 Price              | STM32F723ZCT6 Pictures           | STM32F723ZCT6 Image                  |
| STM32F723ZCT6 PDF Datasheet      | STM32F723ZCT6 Download Datasheet | STM32F723ZCT6 Datasheet              |
| STM32F723ZCT6 Stock              | Buy STM32F723ZCT6                | Buy STMicroelectronics STM32F723ZCT6 |
| STMicroelectronics STM32F723ZCT6 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM32F723ZCT6                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F723IET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 176LQFP<br/>In stock: 223 pcs<br/>RFQ</div>     |  <div><b>STM32F723ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 304 pcs<br/>RFQ</div>    |
|  <div><b>STM32F730Z8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: HIGH-PERFORMANCE &amp; DSP W/FPU ARM<br/>In stock: 100 pcs<br/>RFQ</div> |  <div><b>STM32F730V8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: HIGH-PERFORMANCE &amp; DSP W/FPU ARM<br/>In stock: 80 pcs<br/>RFQ</div> |
|  <div><b>STM32F730I8K6</b><br/>Manufacturers: STMicroelectronics<br/>Description: HIGH-PERFORMANCE &amp; DSP W/FPU ARM<br/>In stock: 100 pcs<br/>RFQ</div> |  <div><b>STM32F730R8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: HIGH-PERFORMANCE &amp; DSP W/FPU ARM<br/>In stock: 98 pcs<br/>RFQ</div> |
|  <div><b>STM32F723E-DISCO</b><br/>Manufacturers: STMicroelectronics<br/>Description: DISCOVERY KIT WITH STM32F723IE M<br/>In stock: 7 pcs<br/>RFQ</div>    |  <div><b>STM32F723VEY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100CSP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>STM32F723ZEI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144BGA<br/>In stock: 185 pcs<br/>RFQ</div>      |  <div><b>STM32F723IET7</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176 24X24X1.4<br/>In stock: Out stock<br/>RFQ</div>                |
|  <div><b>STM32F723IEK6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 176BGA<br/>In stock: 250 pcs<br/>RFQ</div>      |  <div><b>STM32F723ZCI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144UFBG<br/>In stock: Out stock<br/>RFQ</div>  |