



STM32F302ZDT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F302ZDT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 384KB FLASH 144LQFP                                                                             |
| Datasheets:         | <a href="#">STM32F302ZDT6.pdf</a>                                                                            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

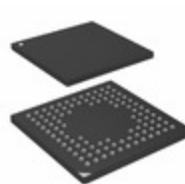
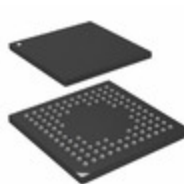
Specifications of STM32F302ZDT6

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F302ZDT6                                                                                   |
| MANUFACTURER                     | STMicroelectronics                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 144LQFP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| DATA SHEET                       | <a href="#">STM32F302ZDT6.pdf</a>                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                |
| SPEED                            | 72MHz                                                                                           |
| SERIES                           | STM32F3                                                                                         |
| RAM SIZE                         | 64K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                           |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                |
| PERIPHERALS                      | DMA, I <sup>2</sup> S, POR, PWM, WDT                                                            |
| PACKAGING                        | Tray                                                                                            |
| PACKAGE / CASE                   | 144-LQFP                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                               |
| NUMBER OF I/O                    | 45                                                                                              |
| 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®-M4 STM32F3 Microcontroller IC 32-Bit 72MHz 384KB (384K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 18x12b, D/A 1x12b                                                                           |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                 |
| CONNECTIVITY                     | CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB                                    |

Related Tags

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|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F302VET6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM32F302VDT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM32F303C8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>STM32F303CBT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>STM32F303CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 632 pcs<br/><div>RFQ</div></div>      |  <div><b>STM32F302VET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>STM32F303C6T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>STM32F303CBT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>STM32F302VDH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>STM32F302VEH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>STM32F302VDT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>STM32F302ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |