



STM32F301K6U7TR

|                     |                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F301K6U7TR                                                                                         |
| Manufacturer/Brand: | STMicroelectronics                                                                                      |
| Product description | UFQFPN 5X5X0.55 32L                                                                                     |
|                     |  1.STM32F301K6U7TR.pdf |
|                     |  2.STM32F301K6U7TR.pdf |
|                     |  3.STM32F301K6U7TR.pdf |
|                     |  4.STM32F301K6U7TR.pdf |
| Datasheets:         |                                                                                                         |
| Stock Condition     | 60127 pcs stock                                                                                         |
| Ship From           | Hong Kong                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                   |

REQUEST FOR QUOTATION

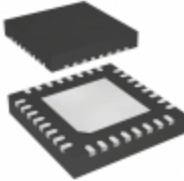
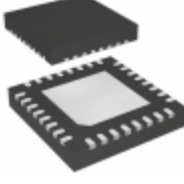
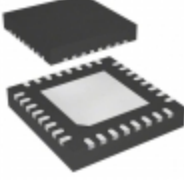
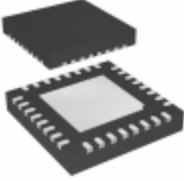
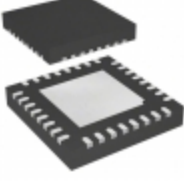
Specifications of STM32F301K6U7TR

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | STM32F301K6U7TR                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                   | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                    | UFQFPN 5X5X0.55 32L                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE             | 60127 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                     |  1.STM32F301K6U7TR.pdf<br> 2.STM32F301K6U7TR.pdf<br> 3.STM32F301K6U7TR.pdf<br> 4.STM32F301K6U7TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE        | 32-UFQFPN (5x5)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                          | 72MHz                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                         | STM32F3                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                       | 16K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE            | 32KB (32K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PERIPHERALS                    | DMA, I <sup>2</sup> S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                      | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                 | 32-UFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                  | 24                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                    | -                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION           | ARM® Cortex®-M4 STM32F3 Microcontroller IC 32-Bit 72MHz 32KB (32K x 8) FLASH 32-UFQFPN (5x5)                                                                                                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                | A/D 11x12b, D/A 1x12b                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                      | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                 | ARM® Cortex®-M4                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                   | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                    |                                    |                                        |
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| STMicroelectronics STM32F301K6U7TR | STM32F301K6U7TR Distributor        | STM32F301K6U7TR Supplier               |
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| STM32F301K6U7TR                    |                                    |                                        |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F301K6U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32UFQFPN<br/>In stock: 42868 pcs<br/>RFQ</div>  |  <div><b>STM32F301K6U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32UFQFPN<br/>In stock: 69388 pcs<br/>RFQ</div> |
|  <div><b>STM32F301K8U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32UFQFN<br/>In stock: 79453 pcs<br/>RFQ</div> |  <div><b>STM32F301K8U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32UFQFPN<br/>In stock: 35006 pcs<br/>RFQ</div>   |
|  <div><b>STM32F301K4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFQFPN 5X5X0.55 32L<br/>In stock: 81923 pcs<br/>RFQ</div>               |  <div><b>STM32F301C8Y6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 49WLCSP<br/>In stock: 50826 pcs<br/>RFQ</div>  |
|  <div><b>STM32F301K6U7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32UFQFPN<br/>In stock: 79525 pcs<br/>RFQ</div>  |  <div><b>STM32F301R8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 22209 pcs<br/>RFQ</div>     |
|  <div><b>STM32F301K8U7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32UFQFN<br/>In stock: 50520 pcs<br/>RFQ</div> |  <div><b>STM32F301R6T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 29682 pcs<br/>RFQ</div>     |
|  <div><b>STM32F301K8U7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32UFQFPN<br/>In stock: 60146 pcs<br/>RFQ</div>  |  <div><b>STM32F301C8T7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 49094 pcs<br/>RFQ</div>     |