



STMicroelectronics



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STM32L011K4U3TR

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L011K4U3TR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                    |
| Product description | IC MCU 32BIT 16KB FLASH 32QFPN                                                                                        |
| Datasheets:         |  <a href="#">STM32L011K4U3TR.pdf</a> |
| 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.

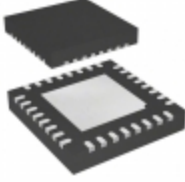
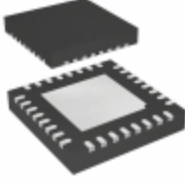
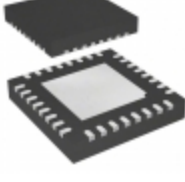
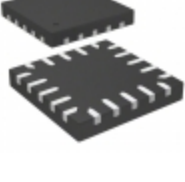
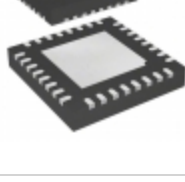
Specifications of STM32L011K4U3TR

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L011K4U3TR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 32QFPN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">STM32L011K4U3TR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                          |
| SPEED                            | 32MHz                                                                                                                   |
| SERIES                           | STM32L0                                                                                                                 |
| RAM SIZE                         | 2K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 28                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 30 Weeks                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | 512 x 8                                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ STM32L0 Microcontroller IC 32-Bit 32MHz 16KB (16K x 8) FLASH                                           |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                              |

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|  <div><b>STM32L011K4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFQFPN 5X5X0.55 32L<br/>In stock: Out stock<br/><div>RFQ</div></div>            |  <div><b>STM32L011K3U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 32QFPN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>STM32L011G4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 28QFPN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM32L021D4P7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: TSSOP 14 BODY 4.4 PI<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
|  <div><b>STM32L011K4T6D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>STM32L011K4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32QFPN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM32L021F4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 20QFPN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM32L021D4P7</b><br/>Manufacturers: STMicroelectronics<br/>Description: TSSOP 14 BODY 4.4 PI<br/>In stock: Out stock<br/><div>RFQ</div></div>           |
|  <div><b>STM32L021D4P6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 14TSSOP<br/>In stock: 919 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32L011K4T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM32L011K4T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM32L011K4U3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32QFPN<br/>In stock: Out stock<br/><div>RFQ</div></div> |