



STMicroelectronics



STM32L011K4T6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L011K4T6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 16KB FLASH 32LQFP                                                                               |
|                     |  1.STM32L011K4T6.pdf        |
|                     |  2.STM32L011K4T6.pdf        |
|                     |  3.STM32L011K4T6.pdf        |
|                     |  4.STM32L011K4T6.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 40589 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

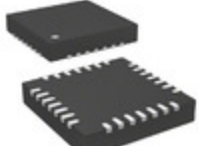
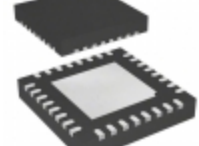
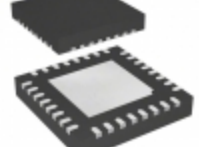
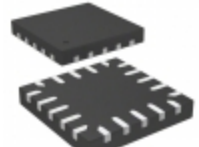
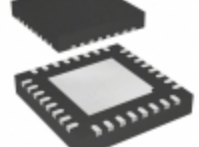
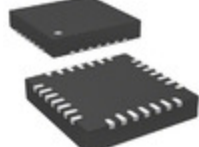
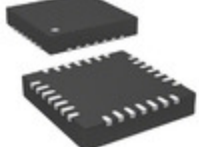
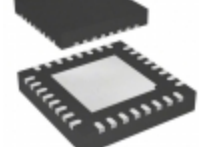
Specifications of STM32L011K4T6

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L011K4T6                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 32LQFP                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 40589 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.STM32L011K4T6.pdf<br> 2.STM32L011K4T6.pdf<br> 3.STM32L011K4T6.pdf<br> 4.STM32L011K4T6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 32-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OTHER NAMES                      | 497-17480<br>STM32L011K4T6-ND                                                                                                                                                                                                                                                                                                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 26                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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 32-LQFP (7x7)                                                                                                                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32L011K4T6 | STM32L011K4T6 Distributor        | STM32L011K4T6 Supplier               |
| STM32L011K4T6 Price              | STM32L011K4T6 Pictures           | STM32L011K4T6 Image                  |
| STM32L011K4T6 PDF Datasheet      | STM32L011K4T6 Download Datasheet | STM32L011K4T6 Datasheet              |
| STM32L011K4T6 Stock              | Buy STM32L011K4T6                | Buy STMicroelectronics STM32L011K4T6 |
| STMicroelectronics STM32L011K4T6 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STMicroelectronics STM32L011K4T6 |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L011G4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 28QFPN<br/>In stock: 125962 pcs</div> <div>RFQ</div> |  <div><b>STM32L011K4T6D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: 73508 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32L011K4T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: 78992 pcs</div> <div>RFQ</div>  |  <div><b>STM32L011K4U3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32QFPN<br/>In stock: 75021 pcs</div> <div>RFQ</div> |
|  <div><b>STM32L011G4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 28QFPN<br/>In stock: 56002 pcs</div> <div>RFQ</div>    |  <div><b>STM32L011K4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFQFPN 5X5X0.55 32L<br/>In stock: 101680 pcs</div> <div>RFQ</div>           |
|  <div><b>STM32L011K3U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 32QFPN<br/>In stock: 97712 pcs</div> <div>RFQ</div>     |  <div><b>STM32L011F4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 20QFPN<br/>In stock: 58461 pcs</div> <div>RFQ</div> |
|  <div><b>STM32L011K4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32QFPN<br/>In stock: 101151 pcs</div> <div>RFQ</div>   |  <div><b>STM32L011G3U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 28QFPN<br/>In stock: 133087 pcs</div> <div>RFQ</div>   |
|  <div><b>STM32L011G3U7</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFQFPN 4X4X0.55 28L<br/>In stock: 111573 pcs</div> <div>RFQ</div>              |  <div><b>STM32L011K4U3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32QFPN<br/>In stock: 75942 pcs</div> <div>RFQ</div>   |