



STM32L011F4U6TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L011F4U6TR                                                                                              |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 16KB FLASH 20QFPN                                                                               |
| Datasheets:         |  STM32L011F4U6TR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 58461 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

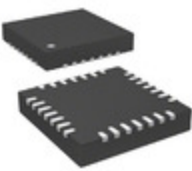
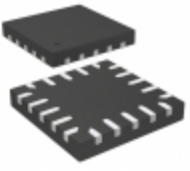
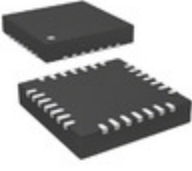
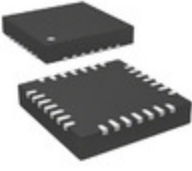
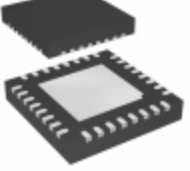
Specifications of STM32L011F4U6TR

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L011F4U6TR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 20QFPN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 58461 pcs                                                                                               |
| DATA SHEET                       |  STM32L011F4U6TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 20-UFQFPN (3x3)                                                                                         |
| 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                        | Original-Reel®                                                                                          |
| PACKAGE / CASE                   | 20-UFQFN                                                                                                |
| OTHER NAMES                      | 497-17478-6                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 16                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                           |
| 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 20-UFQFPN (3x3)           |
| DATA CONVERTERS                  | A/D 7x12b                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                              |

Related Tags

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Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>STM32L011G4U6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 28QFPN<br/>In stock: 56002 pcs<br/>RFQ</div>     |  <div>STM32L011G4U6TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 28QFPN<br/>In stock: 125962 pcs<br/>RFQ</div> |
|  <div>STM32L011F4P6TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 20TSSOP<br/>In stock: 117006 pcs<br/>RFQ</div> |  <div>STM32L011F3U6TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 20QFPN<br/>In stock: 145258 pcs<br/>RFQ</div>  |
|  <div>STM32L011F4U3TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 20QFPN<br/>In stock: 113870 pcs<br/>RFQ</div>  |  <div>STM32L011F4P6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 20TSSOP<br/>In stock: 58078 pcs<br/>RFQ</div>   |
|  <div>STM32L011G3U6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 28QFPN<br/>In stock: 133087 pcs<br/>RFQ</div>     |  <div>STM32L011F3P6TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 20TSSOP<br/>In stock: 142446 pcs<br/>RFQ</div> |
|  <div>STM32L011K4T6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: 40589 pcs<br/>RFQ</div>     |  <div>STM32L011F3P6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 20TSSOP<br/>In stock: 62513 pcs<br/>RFQ</div>    |
|  <div>STM32L011G3U7<br/>Manufacturers: STMicroelectronics<br/>Description: UFQFPN 4X4X0.55 28L<br/>In stock: 111573 pcs<br/>RFQ</div>               |  <div>STM32L011K3U6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 8KB FLASH 32QFPN<br/>In stock: 97712 pcs<br/>RFQ</div>     |