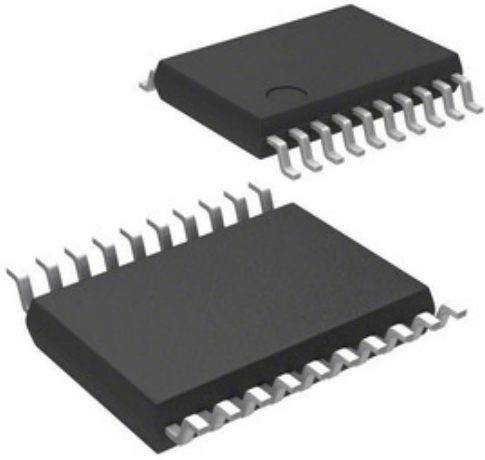




STMicroelectronics



STM32L031F4P6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L031F4P6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 16KB FLASH 20TSSOP                                                                              |
|                     |  1.STM32L031F4P6.pdf        |
|                     |  2.STM32L031F4P6.pdf        |
|                     |  3.STM32L031F4P6.pdf        |
|                     |  4.STM32L031F4P6.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

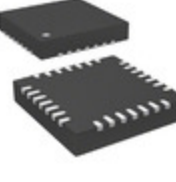
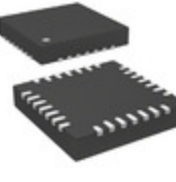
Specifications of STM32L031F4P6

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L031F4P6                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 20TSSOP                                                                                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.STM32L031F4P6.pdf<br> 2.STM32L031F4P6.pdf<br> 3.STM32L031F4P6.pdf<br> 4.STM32L031F4P6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 20-TSSOP                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | STM32L0                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RAM SIZE                         | 8K 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                   | 20-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | 497-17483<br>STM32L031F4P6-ND                                                                                                                                                                                                                                                                                                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 15                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 30 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ STM32L0 Microcontroller IC 32-Bit 32MHz 16KB (16K x 8) FLASH 20-TSSOP                                                                                                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32L031F4P6 | STM32L031F4P6 Distributor        | STM32L031F4P6 Supplier               |
| STM32L031F4P6 Price              | STM32L031F4P6 Pictures           | STM32L031F4P6 Image                  |
| STM32L031F4P6 PDF Datasheet      | STM32L031F4P6 Download Datasheet | STM32L031F4P6 Datasheet              |
| STM32L031F4P6 Stock              | Buy STM32L031F4P6                | Buy STMicroelectronics STM32L031F4P6 |
| STMicroelectronics STM32L031F4P6 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM32L031F4P6                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L031F6P6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 20TSSOP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>STM32L031E6Y6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 25WLCSP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>STM32L031G4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 28QFPN<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>STM32L031F4P3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 20TSSOP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>STM32L031G6U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 28UFQFPN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>STM32L031C6T7D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>STM32L031E6Y6DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 25WLCSP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>STM32L031F6P7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 20TSSOP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>STM32L031G6U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 28QFPN<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>STM32L031E4Y6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 25WLCSP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>STM32L031C6T7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>STM32L031F6P6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: TSSOP 20 BODY 4.4 PI<br/>In stock: Out stock<br/>RFQ</div>            |