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| <br>life.augmented | <h2>STM32L031F6P6TR</h2>   |
|   | <p><b>Manufacturer Part Number:</b> <a href="#">STM32L031F6P6TR</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a></p> <p><b>Part of Description:</b> TSSOP 20 BODY 4.4 PI</p> <p><b>Datasheets:</b> <a href="#">STM32L031F6P6TR.pdf</a></p> <p><b>RoHs Status:</b></p> <p><b>Stock Condition:</b> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation.<br/>See specs for product details.</p>                              |  |

### Specifications

|                                 |   |
|---------------------------------|---|
| Part Number                     | STM32L031F6P6TR   |
| Manufacturer                    | STMicroelectronics                                      |
| Description                     | TSSOP 20 BODY 4.4 PI                                    |
| Category                        | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                     | Require For Quote & Check Stock                         |
| 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             | 32KB (32K x 8)  |
| Peripherals                     | Brown-out Detect/Reset, DMA, POR, PWM, WDT              |
| Packaging                       | Tape & Reel (TR)  |
| Package / Case                  | 20-TSSOP (0.173", 4.40mm Width)                         |
| Oscillator Type                 | Internal  |
| Operating Temperature           | -40°C ~ 85°C (TA)                                       |
| Number of I/O                   | 15  |
| Manufacturer Standard Lead Time | 30 Weeks  |
| EEPROM Size                     | 1K x 8  |
| Detailed Description            | ARM® Cortex®-M0+ STM32L0 Microcontroller IC 32-Bit      |
| Data Converters                 | A/D 10x12b  |
| Core Size                       | 32-Bit  |
| Core Processor                  | ARM® Cortex®-M0+  |
| Connectivity                    | I²C, IrDA, LINbus, SPI, UART/USART                      |

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