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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>Image may be representation.<br/>See specs for product details.</div> | <b>STM32L041K6U6TR</b>                                                                                                 |
|                                                                                                                                                                         | <b>Manufacturer Part Number:</b> <a href="#">STM32L041K6U6TR</a>                                                       |
|                                                                                                                                                                         | <b>Manufacturer/Brand:</b> N/A                                                                                         |
|                                                                                                                                                                         | <b>Part of Description:</b> IC MCU 32BIT 32KB FLASH 32QFPN                                                             |
|                                                                                                                                                                         | <b>RoHs Status:</b>  Lead free / RoHS |
|                                                                                                                                                                         | <b>Stock Condition:</b> <div>Compliant</div> New original, 2613 pcs Stock Available.                                   |
|                                                                                                                                                                         | <b>Ship From:</b> Hong Kong                                                                                            |
| <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS                                                                                                                              |                                                                                                                        |

Specifications

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                      | <a href="#">STM32L041K6U6TR</a>                                                         |
| Manufacturer                     | N/A                                                                                     |
| Description                      | IC MCU 32BIT 32KB FLASH 32QFPN                                                          |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> > <a href="#">Embedded - Microcontrollers</a> |
| Part Status                      | 2613 pcs Stock                                                                          |
| Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                           |
| 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)                                                                        |
| Oscillator Type                  | Internal                                                                                |
| Operating Temperature            | -40°C ~ 85°C (TA)                                                                       |
| Number of I/O                    | 27                                                                                      |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                           |
| 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                                      |
| 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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| <div>In:</div> <div></div> <div><b>STM32L041K6U7</b><br/>N/A<br/>IC MCU 32BIT 32KB FLASH 32QFPN</div> | <div></div> <div><b>STM32L051C6T6TR</b><br/>N/A<br/>IC MCU 32BIT 32KB FLASH 48LQFP</div>   | <div></div> <div><b>STM32L051C8T6</b><br/>N/A<br/>IC MCU 32BIT 64KB FLASH 48LQFP</div> | <div></div> <div><b>STM32L041G6U7</b><br/>N/A<br/>IC MCU 32BIT 32KB FLASH 28QFPN</div>  |
| <div></div> <div><b>STM32L051C8T3</b><br/>N/A<br/>IC MCU 32BIT 64KB FLASH 48LQFP</div>                | <div></div> <div><b>STM32L041K4U6TR</b><br/>N/A<br/>IC MCU 32BIT 16KB FLASH 32UFQFPN</div> | <div></div> <div><b>STM32L051C6T6</b><br/>N/A<br/>IC MCU 32BIT 32KB FLASH 48LQFP</div> | <div></div> <div><b>STM32L041K6U6D</b><br/>N/A<br/>IC MCU 32BIT 32KB FLASH 32QFPN</div> |

STM32L041K6U6TR Related keyword

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