



STMicroelectronics



STM32F051K6U7TR

Part Number:STM32F051K6U7TR

Manufacturer/Brand:STMicroelectronics

Product description:UFQFPN 5X5X0.55 32L

1.STM32F051K6U7TR.pdf

2.STM32F051K6U7TR.pdf

3.STM32F051K6U7TR.pdf

Datasheets:

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Specifications of STM32F051K6U7TR

|                                 |   |
|---------------------------------|---|
| PART NUMBER                     | STM32F051K6U7TR   |
| MANUFACTURER                    | STMicroelectronics  |
| DESCRIPTION                     | UFQFPN 5X5X0.55 32L   |
| LEAD FREE STATUS / ROHS STATUS  |   |
| DATA SHEET                      | <a href="#">1.STM32F051K6U7TR.pdf</a><br><a href="#">2.STM32F051K6U7TR.pdf</a><br><a href="#">3.STM32F051K6U7TR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)      | 2 V ~ 3.6 V   |
| SUPPLIER DEVICE PACKAGE         | 32-UFQFPN (5x5)   |
| SPEED                           | 48MHz   |
| SERIES                          | STM32F0   |
| RAM SIZE                        | 8K x 8  |
| PROGRAM MEMORY TYPE             | FLASH   |
| PROGRAM MEMORY SIZE             | 32KB (32K x 8)  |
| PERIPHERALS                     | DMA, I²S, POR, PWM, WDT   |
| PACKAGING                       | Tape & Reel (TR)  |
| PACKAGE / CASE                  | 32-UFQFN Exposed Pad  |
| OSCILLATOR TYPE                 | Internal  |
| OPERATING TEMPERATURE           | -40°C ~ 105°C (TA)  |
| NUMBER OF I/O                   | 27  |
| MANUFACTURER STANDARD LEAD TIME | 10 Weeks  |
| EEPROM SIZE                     | -   |
| DETAILED DESCRIPTION            | ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 32-UFQFPN (5x5)                            |
| DATA CONVERTERS                 | A/D 13x12b, D/A 1x12b   |
| CORE SIZE                       | 32-Bit  |
| CORE PROCESSOR                  | ARM® Cortex®-M0   |
| CONNECTIVITY                    | HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART  |

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|  <div><b>STM32F051K6U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32UFQFPN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>STM32F051K8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>     |
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