







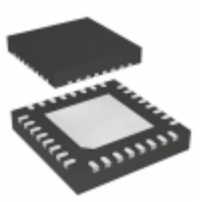






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|  life.augmented | <h2>STM32L051C8T7</h2> |
| | <p>Manufacturer Part Number: STM32L051C8T7</p> <p>Manufacturer/Brand: STMicroelectronics</p> <p>Part of Description: IC MCU 32BIT 64KB FLASH 48LQFP</p> <p>Datasheets:</p> <ul style="list-style-type: none">  1.STM32L051C8T7.pdf  2.STM32L051C8T7.pdf  3.STM32L051C8T7.pdf <p>RoHs Status:  Lead free / RoHS</p> <p>Stock Condition: ^{Compliant} New original, Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p> | |

Specifications

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|----------------------------|--|
| Part Number | STM32L051C8T7 |
| Manufacturer | STMicroelectronics |
| Description | IC MCU 32BIT 64KB FLASH 48LQFP |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | Require For Quote & Check Stock |
| Series | STM32 L0 |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Package / Case | 48-LQFP |
| Supplier Device Package | 48-LQFP (7x7) |
| Peripherals | Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT |
| Core Processor | ARM® Cortex®-M0+ |
| Speed | 32MHz |
| Number of I/O | 37 |
| EEPROM Size | 2K x 8 |
| RAM Size | 8K x 8 |
| Core Size | 32-Bit |
| Connectivity | I ² C, IrDA, SPI, UART/USART |
| Program Memory Size | 64KB (64K x 8) |
| Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) | 1.65 V ~ 3.6 V |
| Data Converters | A/D 10x12b |
| Oscillator Type | Internal |
| Packaging | Tray |

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|  ASP1206BGQW |  AT24C04U3-10UU-1.8 |  D AT90USB647-AU |  BSC123N10LSG |  BU4331FVE-GTR |
|  C2012C0G1H472J/0.85 |  C3225JB1H335K250AA |  CC0805CRNP09BNR47 |  CC1812JKNPOBBN221 |  CGA6M3X8R1C685M200AD |
|  D DD31S10K |  ECH8622R-TL-H |  FS100R12KE3_B3 |  FSV340AF |  HA1631S03CMEI |
|  HD153722TF |  IRFI734GPBF |  IRU1010-18CYTRPBF |  LDC10B190J1950H |  LDH15-24S15 |
|  LPC54102J512UK49 |  LT1397CS#PBF |  D MAX738ACWE-T |  MCC55-06i08 |  MCH3443-TL-E |
|  MCI-2012-900 |  D MCP6031T-E/OT |  NTCLE100E3473JT2 |  PI5V330QX |  PRHMB100B12C |
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