



Image may be representation. See specifications for product details.

### **STM8L151M8T6**

Part Number:

Manufacturer/Brand: Product description

Datasheets: RoHs Status

Ship From Shipment Way STM8L151M8T6

STMicroelectronics

IC MCU 8BIT 64KB FLASH 80LQFP

STM8L151M8T6.pdf

Lead free / RoHS Compliant

Hong Kong DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

|                                  | Specifications of STM8L151M8T6  |  |
|----------------------------------|---|--|
|                                  |   |  |
| PART NUMBER                      | STM8L151M8T6  |  |
| MANUFACTURER                     | STMicroelectronics  |  |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 80LQFP   |  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |  |
| DATA SHEET                       | STM8L151M8T6.pdf  |  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V   |  |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (14x14)   |  |
| SPEED                            | 16MHz   |  |
| SERIES                           | STM8L EnergyLite  |  |
| RAM SIZE                         | 4K x 8  |  |
| PROGRAM MEMORY TYPE              | FLASH   |  |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)  |  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, IR, POR, PWM, WDT  |  |
| PACKAGING                        | Tray  |  |
| PACKAGE / CASE                   | 80-LQFP   |  |
| OTHER NAMES                      | 497-11567<br>STM8L151M8T6-ND  |  |
| OSCILLATOR TYPE                  | Internal  |  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |  |
| NUMBER OF I/O                    | 68  |  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |  |
| MANUFACTURER STANDARD LEAD TIME  | 35 Weeks  |  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |  |
| EEPROM SIZE                      | 2K x 8  |  |
| DETAILED DESCRIPTION             | STM8 STM8L EnergyLite Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH 80-LQFP (14x14) |  |
| DATA CONVERTERS                  | A/D 28x12b, D/A 2x12b   |  |
| CORE SIZE                        | 8-Bit   |  |
| CORE PROCESSOR                   | STM8  |  |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SPI, UART/USART   |  |
| DACE DADT NUMBER                 | CTM01.151   |  |

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STM8L151

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BASE PART NUMBER

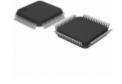
STMicroelectronics STM8L151M8T6

# **STM8L151R8T3**

Manufacturers: STMicroelectronics Description: LQFP 64 10X10X1.4 1

In stock: Out stock

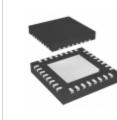
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## **STM8L151R8T6**

Manufacturers: STMicroelectronics Description: IC MCU 8BIT 64KB FLASH 64LQFP In stock: Out stock

**RFQ** 



# STM8L151K6U3

Manufacturers: STMicroelectronics Description: IC MCU 8BIT 32KB FLASH 32UFQFPN

In stock: Out stock

**RFQ** 



## **STM8L151K6U6TR**

Manufacturers: STMicroelectronics

Description: IC MCU 8BIT 32KB FLASH 32UFQFPN

In stock: Out stock **RFQ** 

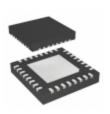


## **STM8L151R6T6TR**

Manufacturers: STMicroelectronics Description: LQFP 64 10X10X1.4 1

In stock: Out stock

**RFQ** 



## **STM8L151K6U6**

Manufacturers: STMicroelectronics Description: IC MCU 8BIT 32KB FLASH 32UFQFPN

In stock: Out stock

**RFQ** 



# **STM8L151K6T3**

Manufacturers: STMicroelectronics Description: IC MCU 8BIT 32KB FLASH 32LQFP

In stock: Out stock

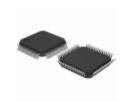
**RFQ** 



#### **STM8L151K6T6TR** Manufacturers: STMicroelectronics

Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: Out stock

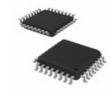
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#### **STM8L151R8T6TR** Manufacturers: STMicroelectronics

Description: IC MCU 8BIT 64KB FLASH 64LQFP In stock: Out stock

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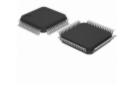


#### STM8L151K6T6 Manufacturers: STMicroelectronics

Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: Out stock

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#### **STM8L151R6T6** Manufacturers: STMicroelectronics Description: IC MCU 8BIT 32KB FLASH 64LQFP

In stock: Out stock

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### **STM8L151M8T6TR** Manufacturers: STMicroelectronics

Description: IC MCU 8BIT 64KB FLASH 80LQFP In stock: Out stock

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