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STMicroelectronics

# STM8L151C8U6

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|---|---|
| Part Number: | STM8L151C8U6 |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC MCU 8BIT 64KB FLASH 48UFQFPN |
| Datasheets: | 📄 STM8L151C8U6.pdf |
| RoHS Status | ✅ Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.
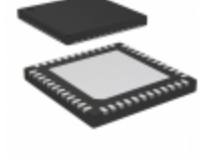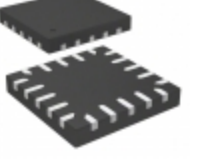
## Specifications of STM8L151C8U6

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|---|---|
| PART NUMBER | STM8L151C8U6 |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 8BIT 64KB FLASH 48UFQFPN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | 📄 STM8L151C8U6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.8 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 48-UFQFPN (7x7) |
| 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 | 48-UFQFN Exposed Pad |
| OTHER NAMES | 497-11479 |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 41 |
| 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 48-UFQFPN (7x7) |
| DATA CONVERTERS | A/D 25x12b, D/A 2x12b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | STM8 |
| CONNECTIVITY | I²C, IrDA, SPI, UART/USART |
| BASE PART NUMBER | STM8L151 |

## Related Tags

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### STM8L151C8T3
Manufacturers: STMicroelectronics
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In stock: Out stock
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Manufacturers: STMicroelectronics
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In stock: Out stock
RFQ