**STMicroelectronics**

## STM8L162M8T6

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|---|---|
| Part Number: | STM8L162M8T6 |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC MCU 8BIT 64KB FLASH 80LQFP |
| Datasheets: | |
| | STM8L162M8T6.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.

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## Specifications of STM8L162M8T6

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|---|---|
| PART NUMBER | STM8L162M8T6 |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 8BIT 64KB FLASH 80LQFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | STM8L162M8T6.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, LCD, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 80-LQFP |
| 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 | I²C, IrDA, SPI, UART/USART |
| BASE PART NUMBER | STM8L162 |

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## Related Tags

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## Related Products

**STM8S/8-D/RAIS**
Manufacturers: STMicroelectronics
Description: KIT STARTER
In stock: Out stock
RFQ

**STM8L152R8T3**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 64KB FLASH 64LQFP
In stock: Out stock
RFQ

**STM8L152R8T6**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 64KB FLASH 64LQFP
In stock: Out stock
RFQ

**STM8L152M8T7**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 64KB FLASH 80LQFP
In stock: Out stock
RFQ

**STM8L152R6T6TR**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 32KB FLASH 64LQFP
In stock: Out stock
RFQ

**STM8L162M8T6TR**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 64KB FLASH 80LQFP
In stock: Out stock
RFQ

**STM8L152R6T6**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 32KB FLASH 64LQFP
In stock: Out stock
RFQ

**STM8L15LPBOARD**
Manufacturers: STMicroelectronics
Description: DEM FOR STM8L15X LOW PWR MODES
In stock: 7 pcs
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**STM8S/32-D/RAIS**
Manufacturers: STMicroelectronics
Description: KIT STARTER
In stock: Out stock
RFQ

**STM8S001J3M3**
Manufacturers: STMicroelectronics
Description: 8BIT MCU 8KBYTES FLASH 16MHZ CPU
In stock: Out stock
RFQ

**STM8S-DISCOVERY**
Manufacturers: STMicroelectronics
Description: EVAL KIT STM8S DISCOVERY
In stock: 161 pcs
RFQ

**STM8L162R8T6**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 64KB FLASH 64LQFP
In stock: Out stock
RFQ