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STMicroelectronics



### STM8L151G3U3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8L151G3U3                                                                                                 |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 8KB FLASH 28UFQFPN                                                                               |
| Datasheets:         |  STM8L151G3U3.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 131961 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

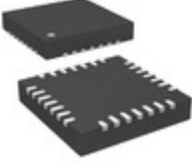
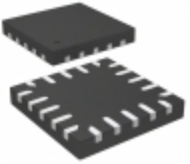
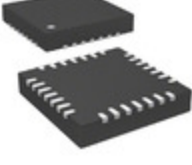
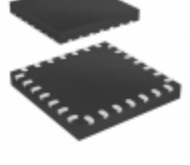
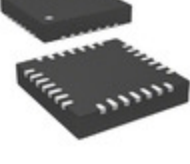
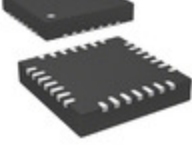
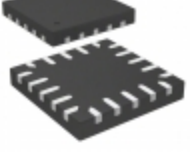
#### Specifications of STM8L151G3U3

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8L151G3U3                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 28UFQFPN                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 131961 pcs                                                                                           |
| DATA SHEET                       |  STM8L151G3U3.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                        |
| SPEED                            | 16MHz                                                                                                |
| SERIES                           | STM8L EnergyLite                                                                                     |
| RAM SIZE                         | 1K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, IR, POR, PWM, WDT                                                       |
| PACKAGING                        | Tray                                                                                                 |
| PACKAGE / CASE                   | 28-UFQFN                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                   |
| NUMBER OF I/O                    | 26                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| EEPROM SIZE                      | 256 x 8                                                                                              |
| DETAILED DESCRIPTION             | STM8 STM8L EnergyLite Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH                              |
| DATA CONVERTERS                  | A/D 18x12b                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | STM8                                                                                                 |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                           |
| BASE PART NUMBER                 | STM8L151                                                                                             |

#### Related Tags

|                                 |                                 |                                     |
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| STM8L151G3U3 Price              | STM8L151G3U3 Pictures           | STM8L151G3U3 Image                  |
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#### Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>STM8L151F3P6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 64598 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>STM8L151F3P3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 120247 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>STM8L151G4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 28UFQFPN<br/>In stock: 46636 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>STM8L151F3U6DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20UFQFPN<br/>In stock: 127488 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>STM8L151G4U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 28UFQFPN<br/>In stock: 119878 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>STM8L151G4U3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 28UFQFPN<br/>In stock: 45415 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>STM8L151F3P6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 70213 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>STM8L151G3U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 28UFQFPN<br/>In stock: 91533 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>STM8L151G2U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 28UFQFPN<br/>In stock: 126696 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>STM8L151F3U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20UFQFPN<br/>In stock: 138075 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>STM8L151G3U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 28UFQFPN<br/>In stock: 68464 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>STM8L151G4Y3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 28WLCSP<br/>In stock: 82975 pcs<br/><div>RFQ</div></div>   |