



## STM8TL52G4U6

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8TL52G4U6                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                 |
| Product description | IC MCU 8BIT 16KB FLASH 28UFQFPN                                                                                    |
| Datasheets:         |  <a href="#">STM8TL52G4U6.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Stock Condition     | 77390 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.

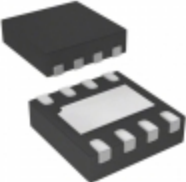
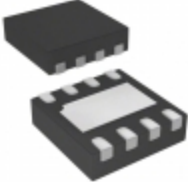
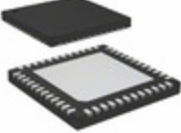
### Specifications of STM8TL52G4U6

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8TL52G4U6                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 28UFQFPN                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE               | 77390 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">STM8TL52G4U6.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 28-UFQFPN                                                                                                            |
| SPEED                            | 16MHz                                                                                                                |
| SERIES                           | STM8T                                                                                                                |
| RAM SIZE                         | 4K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                       |
| PERIPHERALS                      | POR, ProxSense, PWM, WDT                                                                                             |
| PACKAGING                        | Tray                                                                                                                 |
| PACKAGE / CASE                   | 28-UFQFN Exposed Pad                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                    |
| NUMBER OF I/O                    | 17                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| EEPROM SIZE                      | 2K x 8                                                                                                               |
| DETAILED DESCRIPTION             | STM8 STM8T Microcontroller IC 8-Bit 16MHz 16KB (16K x 8) FLASH 28-UFQFPN                                             |
| DATA CONVERTERS                  | -                                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                |
| CORE PROCESSOR                   | STM8                                                                                                                 |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                 |
| BASE PART NUMBER                 | STM8TL52                                                                                                             |

### Related Tags

|                                 |                                 |                                     |
|---------------------------------|---------------------------------|-------------------------------------|
| STMicroelectronics STM8TL52G4U6 | STM8TL52G4U6 Distributor        | STM8TL52G4U6 Supplier               |
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| STMicroelectronics STM8TL52G4U6 | STMicroelectronics Supplier     | STMicroelectronics Distributor      |
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### Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                         |
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|  <div><b>STM8T143AM62T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU SENSOR TOUCH/PROX 8SOIC<br/>In stock: 3325 pcs<br/><div>RFQ</div></div>                 |  <div><b>STM8T143AU62TTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU SENSOR TOUCH/PROX 8UFDFPN<br/>In stock: 6704 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM8T143AU61TTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU SENSOR TOUCH/PROX 8UFDFPN<br/>In stock: 181078 pcs<br/><div>RFQ</div></div>           |  <div><b>STM8TL52F4P6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 20TSSOP<br/>In stock: 72599 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STMEC001ATTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC POWER SWITCH EXPRESS 20-TSSOP<br/>In stock: 36164 pcs<br/><div>RFQ</div></div>               |  <div><b>STMAV335TTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VIDEO SWITCH SP3T 16TSSOP<br/>In stock: 173846 pcs<br/><div>RFQ</div></div>       |
|  <div><b>STM8TL53G4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 28UFQFPN<br/>In stock: 58634 pcs<br/><div>RFQ</div></div>                |  <div><b>STM8T141AM61TTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SENSOR TOUCH/PROX 1CH 8SOIC<br/>In stock: 6909 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STMFS5C609NLT1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: TRENCHFET 60V N-CH TRENCH<br/>In stock: 42820 pcs<br/><div>RFQ</div></div> |  <div><b>STM8TL53C4U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 28UFQFPN<br/>In stock: 59156 pcs<br/><div>RFQ</div></div>    |
|  <div><b>STM8T143-EVAL</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD EVAL FOR STM8T143 TOUCH<br/>In stock: 2212 pcs<br/><div>RFQ</div></div>                  |  <div><b>STMAV340TTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VIDEO SWITCH SPDT QD 16-TSSOP<br/>In stock: 331300 pcs<br/><div>RFQ</div></div>   |