



STM32L471ZET6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L471ZET6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                             |
| Datasheets:         |  1.STM32L471ZET6.pdf        |
|                     |  2.STM32L471ZET6.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9893 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of STM32L471ZET6

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L471ZET6                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 9893 pcs                                                                                                |
| DATA SHEET                       |  1.STM32L471ZET6.pdf |
|                                  |  2.STM32L471ZET6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                        |
| SPEED                            | 80MHz                                                                                                   |
| SERIES                           | STM32L4                                                                                                 |
| RAM SIZE                         | 128K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, PWM, WDT                                                                   |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 144-LQFP                                                                                                |
| OTHER NAMES                      | 497-17922<br>STM32L471ZET6-ND                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 114                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)         |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                         |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART                           |

Related Tags

|                                  |                                  |                                      |
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| STMicroelectronics STM32L471ZET6 | STM32L471ZET6 Distributor        | STM32L471ZET6 Supplier               |
| STM32L471ZET6 Price              | STM32L471ZET6 Pictures           | STM32L471ZET6 Image                  |
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Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L475RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 18509 pcs</div> <div>RFQ</div>  |  <div><b>STM32L475RCT7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 18749 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32L471RGT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 18933 pcs</div> <div>RFQ</div>            |  <div><b>STM32L471ZGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 7604 pcs</div> <div>RFQ</div>      |
|  <div><b>STM32L471VET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 19333 pcs</div> <div>RFQ</div> |  <div><b>STM32L475RET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 18167 pcs</div> <div>RFQ</div>    |
|  <div><b>STM32L471RGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 10490 pcs</div> <div>RFQ</div>    |  <div><b>STM32L471VET6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 19642 pcs</div> <div>RFQ</div> |
|  <div><b>STM32L471VGT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: 7956 pcs</div> <div>RFQ</div>                |  <div><b>STM32L475RCT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 17090 pcs</div> <div>RFQ</div>    |
|  <div><b>STM32L475RCT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 11119 pcs</div> <div>RFQ</div>  |  <div><b>STM32L471VGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 10411 pcs</div> <div>RFQ</div>     |