



STMicroelectronics



STM32L496RGT6P

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L496RGT6P                                                                                         |
| Manufacturer/Brand: | STMicroelectronics                                                                                     |
| Product description | LQFP 64 10X10X1.4 1                                                                                    |
|                     |  1.STM32L496RGT6P.pdf |
|                     |  2.STM32L496RGT6P.pdf |
|                     |  3.STM32L496RGT6P.pdf |
| Datasheets:         |                                                                                                        |
| Stock Condition     | 11803 pcs stock                                                                                        |
| Ship From           | Hong Kong                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                  |

REQUEST FOR QUOTATION

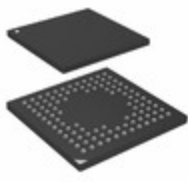
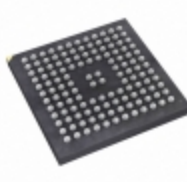
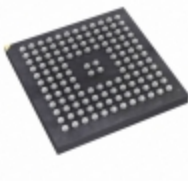
Specifications of STM32L496RGT6P

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L496RGT6P                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | LQFP 64 10X10X1.4 1                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 11803 pcs                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.STM32L496RGT6P.pdf<br> 2.STM32L496RGT6P.pdf<br> 3.STM32L496RGT6P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 80MHz                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | STM32L4                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 320K x 8                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, PWM, WDT                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 52                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 1MB (1M x 8) FLASH 64-LQFP (10x10)                                                                                                                                                                                                                                       |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG                                                                                                                                                                                                                                                    |

Related Tags

|                                   |                                   |                                       |
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| STMicroelectronics STM32L496RGT6P | STM32L496RGT6P Distributor        | STM32L496RGT6P Supplier               |
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| STM32L496RGT6P PDF Datasheet      | STM32L496RGT6P Download Datasheet | STM32L496RGT6P Datasheet              |
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Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                            |
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|  <div><b>STM32L496VGY6PTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: STM32 32-BIT ARM CORTEX MCUS<br/>In stock: 8549 pcs<br/>RFQ</div>  |  <div><b>STM32L496QGI6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.6 132L P<br/>In stock: 7228 pcs<br/>RFQ</div>            |
|  <div><b>STM32L496VGY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100CSP<br/>In stock: 17744 pcs<br/>RFQ</div> |  <div><b>STM32L496RGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 8849 pcs<br/>RFQ</div>    |
|  <div><b>STM32L496QGI3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 132FBGA<br/>In stock: 6880 pcs<br/>RFQ</div>   |  <div><b>STM32L496VGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 8359 pcs<br/>RFQ</div>   |
|  <div><b>STM32L496VGT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 7112 pcs<br/>RFQ</div>   |  <div><b>STM32L496QGI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 132FBGA<br/>In stock: 9022 pcs<br/>RFQ</div>   |
|  <div><b>STM32L496VGT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: 10558 pcs<br/>RFQ</div>             |  <div><b>STM32L496VET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 7597 pcs<br/>RFQ</div> |
|  <div><b>STM32L496RGT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 8864 pcs<br/>RFQ</div>    |  <div><b>STM32L496RET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 10665 pcs<br/>RFQ</div> |