



STMicroelectronics



STM32L496VGT6P

|                     |                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L496VGT6P                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                                                                                                                                                                                                                                                               |
| Product description | LQFP 100 14X14X1.4<br> 1.STM32L496VGT6P.pdf<br> 2.STM32L496VGT6P.pdf<br> 3.STM32L496VGT6P.pdf |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                  |
| Stock Condition     | 10558 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.

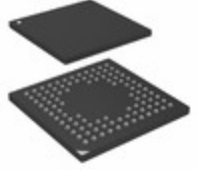
Specifications of STM32L496VGT6P

|                                |                                                                                                                                                                                                                                                                                                                                  |
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| PART NUMBER                    | STM32L496VGT6P                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                   | STMicroelectronics                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                    | LQFP 100 14X14X1.4                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE             | 10558 pcs                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                     |  1.STM32L496VGT6P.pdf<br> 2.STM32L496VGT6P.pdf<br> 3.STM32L496VGT6P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 1.71 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE        | 100-LQFP (14x14)                                                                                                                                                                                                                                                                                                                 |
| 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                 | 100-LQFP                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                | Internal                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE          | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                  | 83                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                    | -                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION           | ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 1MB (1M x 8) FLASH 100-LQFP (14x14)                                                                                                                                                                                                                                      |
| DATA CONVERTERS                | A/D 16x12b, 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, USB OTG                                                                                                                                                                                                                                           |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
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|  <div><b>STM32L496ZGT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 7694 pcs<br/><div>RFQ</div></div>  |  <div><b>STM32L496VGY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100CSP<br/>In stock: 17744 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32L496RGT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 8864 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32L496VGY6PTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: STM32 32-BIT ARM CORTEX MCUS<br/>In stock: 8549 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32L496RGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 8849 pcs<br/><div>RFQ</div></div>    |  <div><b>STM32L496ZGT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 6561 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32L496VET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 7597 pcs<br/><div>RFQ</div></div> |  <div><b>STM32L496ZGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9466 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32L496ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 9321 pcs<br/><div>RFQ</div></div> |  <div><b>STM32L496VGT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 7112 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32L496RGT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 11803 pcs<br/><div>RFQ</div></div>            |  <div><b>STM32L496VGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 8359 pcs<br/><div>RFQ</div></div>   |