



STMicroelectronics



STM32L4A6AGI6P

|                     |                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L4A6AGI6P                                                                                                                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                                                                                                                               |
| Product description | UFBGA 7X7X0.6 169L P                                                                                                                                                                                             |
| Datasheets:         |  1.STM32L4A6AGI6P.pdf<br> 2.STM32L4A6AGI6P.pdf |
| Stock Condition     | 8218 pcs stock                                                                                                                                                                                                   |
| Ship From           | Hong Kong                                                                                                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                            |

REQUEST FOR QUOTATION

Specifications of STM32L4A6AGI6P

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L4A6AGI6P                                                                                                                                                                                                       |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                   |
| DESCRIPTION                      | UFBGA 7X7X0.6 169L P                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 8218 pcs                                                                                                                                                                                                             |
| DATA SHEET                       |  1.STM32L4A6AGI6P.pdf<br> 2.STM32L4A6AGI6P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 169-UFBGA (7x7)                                                                                                                                                                                                      |
| 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                   | 169-UFBGA                                                                                                                                                                                                            |
| OTHER NAMES                      | 497-18000<br>STM32L4A6AGI6P-ND                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 136                                                                                                                                                                                                                  |
| 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 169-UFBGA (7x7)                                                                                                                           |
| DATA CONVERTERS                  | A/D 24x12b, A/D 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>STM32L4A6RGT7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 13589 pcs</div> <div>RFQ</div>          |  <div><b>STM32L496ZGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9466 pcs</div> <div>RFQ</div>   |
|  <div><b>STM32L496ZGT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 144 20X20X1.4 2<br/>In stock: 11468 pcs</div> <div>RFQ</div>         |  <div><b>STM32L4A6RGT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 12738 pcs</div> <div>RFQ</div>            |
|  <div><b>STM32L4A6AGI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 169UFBGA<br/>In stock: 8294 pcs</div> <div>RFQ</div> |  <div><b>STM32L4A6RGT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 13111 pcs</div> <div>RFQ</div>             |
|  <div><b>STM32L4A6RGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 7467 pcs</div> <div>RFQ</div>   |  <div><b>STM32L496ZGT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 7694 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32L4A6QGI6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.6 132L P<br/>In stock: 7467 pcs</div> <div>RFQ</div>           |  <div><b>STM32L496ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 9321 pcs</div> <div>RFQ</div> |
|  <div><b>STM32L496ZGT3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 6561 pcs</div> <div>RFQ</div>  |  <div><b>STM32L4A6QGI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 132UFBGA<br/>In stock: 8589 pcs</div> <div>RFQ</div>  |