



STM32L100C6U6ATR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L100C6U6ATR                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 32KB FLASH 48UFQFPN                                                                             |
| Datasheets:         |  STM32L100C6U6ATR.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 43263 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

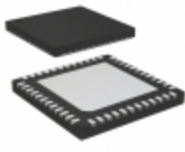
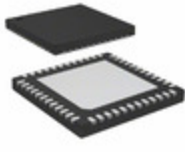
Specifications of STM32L100C6U6ATR

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L100C6U6ATR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 48UFQFPN                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 43263 pcs                                                                                                |
| DATA SHEET                       |  STM32L100C6U6ATR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 48-UFQFPN (7x7)                                                                                          |
| SPEED                            | 32MHz                                                                                                    |
| SERIES                           | STM32L1                                                                                                  |
| RAM SIZE                         | 4K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 37                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | 2K x 8                                                                                                   |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH 48-UFQFPN (7x7)             |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                          |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                |

Related Tags

|                                     |                                     |                                         |
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Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32L100C6U6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48UFQFPN<br/>In stock: 37439 pcs<br/>RFQ</div> |  <div><b>STM32L100R8T6A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 19905 pcs<br/>RFQ</div> |
|  <div><b>STM32L100C6U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48UFQFPN<br/>In stock: 35721 pcs<br/>RFQ</div>  |  <div><b>STM32L100R8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 64 10X10X1.4 1<br/>In stock: 33938 pcs<br/>RFQ</div>           |
|  <div><b>STM32L100C-DISCO</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT DISCOVERY STM32 L1 SERIES<br/>In stock: 13632 pcs<br/>RFQ</div>  |  <div><b>STM32L100C6U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFQFPN 7X7X0.55 48L<br/>In stock: 50591 pcs<br/>RFQ</div>           |
|  <div><b>STM32L083VZT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 192KB FLASH 100LQFP<br/>In stock: 29071 pcs<br/>RFQ</div>  |  <div><b>STM32L1-MAGNET</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT IAR EXPERIMENTAL STM32<br/>In stock: 756 pcs<br/>RFQ</div>       |
|  <div><b>STM32L100R8T6ATR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 36298 pcs<br/>RFQ</div> |  <div><b>STM32L100RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 26185 pcs<br/>RFQ</div> |
|  <div><b>STM32L1-GAME</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT GAME CONTROL<br/>In stock: 697 pcs<br/>RFQ</div>                     |  <div><b>STM32L100R8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 20039 pcs<br/>RFQ</div>  |