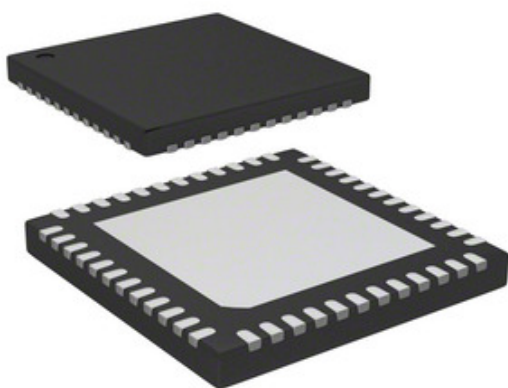




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STMicroelectronics



STM32L152CCU6D

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32L152CCU6D                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 48UQFPN                                                                             |
| Datasheets:         |  STM32L152CCU6D.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 29055 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.

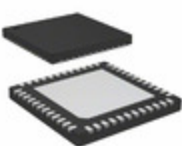
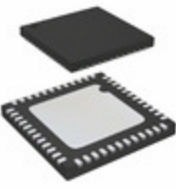
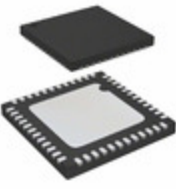
Specifications of STM32L152CCU6D

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L152CCU6D                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48UQFPN                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 29055 pcs                                                                                              |
| DATA SHEET                       |  STM32L152CCU6D.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-UFQFPN (7x7)                                                                                        |
| SPEED                            | 32MHz                                                                                                  |
| SERIES                           | STM32L1                                                                                                |
| RAM SIZE                         | 32K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                   |
| PACKAGING                        | Tray                                                                                                   |
| 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                      | 8K x 8                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 256KB (256K x 8) FLASH 48-UFQFPN (7x7)         |
| DATA CONVERTERS                  | A/D 14x12b; D/A 2x12b                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                |

Related Tags

|                                   |                                   |                                       |
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| STMicroelectronics STM32L152CCU6D | STM32L152CCU6D Distributor        | STM32L152CCU6D Supplier               |
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| STMicroelectronics STM32L152CCU6D | STMicroelectronics Supplier       | STMicroelectronics Distributor        |
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|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>life.augmented</div> <div>STM32L152CCT6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 256KB FLASH 48LQFP</div> <div>In stock: 16419 pcs</div> <div>RFQ</div>  |  <div>STM32L152CBU6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 48QFPN</div> <div>In stock: 15667 pcs</div> <div>RFQ</div>                             |
|  <div>life.augmented</div> <div>STM32L152R6H6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 32KB FLASH 64BGA</div> <div>In stock: 35441 pcs</div> <div>RFQ</div>    |  <div>life.augmented</div> <div>STM32L152QCH6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 256KB FLASH 132BGA</div> <div>In stock: 19636 pcs</div> <div>RFQ</div>   |
|  <div>STM32L152CBU6A</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 48QFPN</div> <div>In stock: 32373 pcs</div> <div>RFQ</div>                           |  <div>life.augmented</div> <div>STM32L152CBT6A</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 48LQFP</div> <div>In stock: 34443 pcs</div> <div>RFQ</div>  |
|  <div>life.augmented</div> <div>STM32L152CCT6D</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 256KB FLASH 48LQFP</div> <div>In stock: 24327 pcs</div> <div>RFQ</div> |  <div>life.augmented</div> <div>STM32L152R6H6A</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 32KB FLASH 64TFBGA</div> <div>In stock: 43974 pcs</div> <div>RFQ</div>  |
|  <div>life.augmented</div> <div>STM32L152QDH6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 384KB FLASH 132BGA</div> <div>In stock: 20806 pcs</div> <div>RFQ</div>  |  <div>life.augmented</div> <div>STM32L152QE6H6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 512KB FLASH 132UBGA</div> <div>In stock: 17774 pcs</div> <div>RFQ</div> |
|  <div>STM32L152CCU6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 256KB FLASH 48QFPN</div> <div>In stock: 31709 pcs</div> <div>RFQ</div>                            |  <div>STM32L152D-EVAL</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: DEVELOPMENT STM32L152</div> <div>In stock: 371 pcs</div> <div>RFQ</div>                                       |