



Image may be representation. See specifications for product details.

STM32L4R5ZIY6TR

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | STM32L4R5ZIY6TR                  |
| Manufacturer/Brand: | STMicroelectronics               |
| Product description | ULTRA-LOW-POWER WITH FPU ARM COR |
| Datasheets:         | STM32L4R5ZIY6TR.pdf              |
| RoHs Status         | Lead free / RoHS Compliant       |
| Stock Condition     | 10021 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Specifications of STM32L4R5ZIY6TR

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32L4R5ZIY6TR                                                                                    |
| MANUFACTURER                     | STMicroelectronics                                                                                 |
| DESCRIPTION                      | ULTRA-LOW-POWER WITH FPU ARM COR                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 10021 pcs                                                                                          |
| DATA SHEET                       | STM32L4R5ZIY6TR.pdf                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 144-WLCSP (5.24x5.24)                                                                              |
| SPEED                            | 120MHz                                                                                             |
| SERIES                           | STM32L4R                                                                                           |
| RAM SIZE                         | 640K x 8                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                   |
| PACKAGE / CASE                   | 144-UFBGA, WLCSP                                                                                   |
| OTHER NAMES                      | 497-17673-2                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF I/O                    | 115                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32L4R Microcontroller IC 32-Bit 120MHz 2MB (2M x 8) FLASH 144-WLCSP (5.24x5.24) |
| 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, SAI, SPI, UART/USART, USB OTG                          |

Related Tags

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Related Products

|                                                                                                                                                         |                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>STM32L4R7AI16</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.6 169L P<br/>In stock: 8523 pcs<br/>RFQ</div>              | <div><b>STM32L4R5ZIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: ULTRA-LOW-POWER WITH FPU ARM COR<br/>In stock: 6531 pcs<br/>RFQ</div> |
| <div><b>STM32L4R5ZIT6P</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 144 20X20X1.4 2<br/>In stock: 8108 pcs<br/>RFQ</div>             | <div><b>STM32L4R9AGI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.6 169L P<br/>In stock: 6343 pcs<br/>RFQ</div>             |
| <div><b>STM32L4R5ZGY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: WLCSP 144L DIE 470 P<br/>In stock: 11820 pcs<br/>RFQ</div>           | <div><b>STM32L4R5ZGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 144 20X20X1.4 2<br/>In stock: 9453 pcs<br/>RFQ</div>             |
| <div><b>STM32L4R9AI16</b><br/>Manufacturers: STMicroelectronics<br/>Description: ULTRA-LOW-POWER WITH FPU ARM COR<br/>In stock: 5812 pcs<br/>RFQ</div>  | <div><b>STM32L4R5VGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: 10312 pcs<br/>RFQ</div>              |
| <div><b>STM32L4R7VIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: ULTRA-LOW-POWER WITH FPU ARM COR<br/>In stock: 6019 pcs<br/>RFQ</div>  | <div><b>STM32L4R7ZIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 144 20X20X1.4 2<br/>In stock: 7267 pcs<br/>RFQ</div>             |
| <div><b>STM32L4R9I-DISCO</b><br/>Manufacturers: STMicroelectronics<br/>Description: DISCOVERY KIT WITH STM32L4R9AI<br/>In stock: 1011 pcs<br/>RFQ</div> | <div><b>STM32L4R5VIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 100 14X14X1.4<br/>In stock: 9384 pcs<br/>RFQ</div>               |