









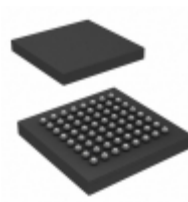

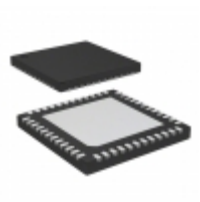
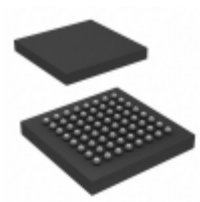


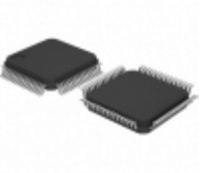

|  |   |
|--|---|
| <br>life.augmented                                      | <b>Manufacturer Part Number:</b> STM32L443RCI3  |
|  | <b>Manufacturer/Brand:</b> STMicroelectronics   |
| <br>Not Actual Photo<br>YIC International Co., Limited. | <b>Part of Description:</b> IC MCU 32BIT 256KB FLASH 64UFBGA  |
|  | <b>Datasheets:</b> <ul style="list-style-type: none"> <li> 1.STM32L443RCI3.pdf</li> <li> 2.STM32L443RCI3.pdf</li> <li> 3.STM32L443RCI3.pdf</li> <li> 4.STM32L443RCI3.pdf</li> </ul> |
|  | <b>RoHs Status:</b>  Lead free / RoHS  |
|  | <b>Stock Condition:</b>  New original, Stock Available.  |
|  | <b>Ship From:</b> Hong Kong   |
| Image may be representation.<br>See specs for product details.   | <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS  |

### Specifications

|                            |  |
|----------------------------|--|
| Part Number                | STM32L443RCI3  |
| Manufacturer               | STMicroelectronics   |
| Description                | IC MCU 32BIT 256KB FLASH 64UFBGA                                 |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers          |
| Part Status                | Require For Quote & Check Stock                                  |
| Series                     | STM32L4  |
| Operating Temperature      | -40°C ~ 125°C (TA)   |
| Package / Case             | 64-UFBGA   |
| Supplier Device Package    | 64-UFBGA (5x5)   |
| Peripherals                | Brown-out Detect/Reset, DMA, LCD, PWM, WDT                       |
| Core Processor             | ARM® Cortex®-M4  |
| Speed                      | 80MHz  |
| Number of I/O              | 52   |
| EEPROM Size                | -  |
| RAM Size                   | 64K x 8  |
| Core Size                  | 32-Bit   |
| Connectivity               | CAN, I <sup>2</sup> C, IrDA, LIN, MMC/SD, QSPI, SAI, SPI, SWPMI, |
| Program Memory Size        | 256KB (256K x 8)   |
| Program Memory Type        | FLASH  |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 3.6 V   |
| Data Converters            | A/D 16x12b, D/A 2x12b  |
| Oscillator Type            | Internal   |
| Packaging                  | Tray   |

































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| <br><b>STM32L443CCY6TR</b><br>STMicroelectronics<br>IC MCU 32BIT 256KB FLASH<br>49WLCSP               | <br><b>STM32L433VCT6TR</b><br>STMicroelectronics<br>IC MCU 32BIT 256KB FLASH<br>100LQFP | <br><b>STM32L443RCT6TR</b><br>STMicroelectronics<br>LQFP 64 10X10X1.4 1             | <br><b>STM32L443RCY6TR</b><br>STMicroelectronics<br>IC MCU 32BIT 256KB FLASH<br>64WLCSP |

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|  04023A6R8CAT2A      |  04025U240FAT2A  |  08051C103KAT2P       |  D 1808AC222MATME |  1812CC222KAT1A\SB  |
|  AD6624XS            |  B1205S-W75      |  D BD6058GU-E2        |  BD6155FVM-TR     |  BYS459B-1500E3/45  |
|  C2012X6S1A226M125AC |  CPH5601-TL      |  DB2441700L           |  FGA20N120AND     |  FQB12P10TM         |
|  D FZT696BTC         |  G5V-1-12V       |  GRM155R61A222KA01D   |  IQS263A0DNR      |  LEM2520T220K       |
|  LT3597IUHG#PBF      |  MAX3488CSA+T    |  MCC95-16             |  MMBF4393LT1G     |  MMSD4148WLSLT1     |
|  NJM2112M-TE1        |  NLC322522T-331K |  D PI6C4911505-07LIEX |  PM300DHA060      |  PQ1X151M2ZP        |
|  PS410625            |  PS60050-B       |  RF3021TR7            |  RN2104FS         |  S-1323B18NB-N8DTFG |
|  SBT80-10Y-DL-E      |  SFH640-3-X017   |  SHDR-50V-S-B         |  SKY85709-11      |  SN74AHC00PWR       |
|  SN74LVC1G08MDBVR    |  SQ25FE40        |  STP10NK70ZFP         |  D STPS3150UF     |  T370N18TOF         |
|  TCLT1105            |  TMCSB1C335MTR   |  TPS60401DBVT         |  TTW3C85N16LOF    |  V48A28C5           |

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