



## STM32L162RCT6A

Part Number:	STM32L162RCT6A
Manufacturer/Brand:	STMicroelectronics
Product description:	IC MCU 32BIT 256KB FLASH 64LQFP
Datasheets:	<a href="#">1.STM32L162RCT6A.pdf</a> <a href="#">2.STM32L162RCT6A.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	24089 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of STM32L162RCT6A

PART NUMBER	STM32L162RCT6A
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24089 pcs
DATA SHEET	<a href="#">1.STM32L162RCT6A.pdf</a> <a href="#">2.STM32L162RCT6A.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
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, I <sup>2</sup> S, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
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 64-LQFP (10x10)
DATA CONVERTERS	A/D 21x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	STM32L162

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<p><b>STM32L162RDT6</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 384KB FLASH 64LQFP                  In stock: 13174 pcs  <a href="#">RFQ</a></p>	<p><b>STM32L162QCH6</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 132BGA                  In stock: 18327 pcs  <a href="#">RFQ</a></p>
<p><b>STM32L162RCT6</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 64LQFP                  In stock: 21962 pcs  <a href="#">RFQ</a></p>	<p><b>STM32L162RET6</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 512KB FLASH 64LQFP                  In stock: 17289 pcs  <a href="#">RFQ</a></p>