



### STM32F105RCT6V

Part Number:	STM32F105RCT6V
Manufacturer/Brand:	STMicroelectronics
Product description:	IC MCU 32BIT 256KB FLASH 64LQFP
Datasheets:	<a href="#">1.STM32F105RCT6V.pdf</a> <a href="#">2.STM32F105RCT6V.pdf</a> <a href="#">3.STM32F105RCT6V.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	9399 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 STM32F105RCT6V

PART NUMBER	STM32F105RCT6V
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9399 pcs
DATA SHEET	<a href="#">1.STM32F105RCT6V.pdf</a> <a href="#">2.STM32F105RCT6V.pdf</a> <a href="#">3.STM32F105RCT6V.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	72MHz
SERIES	STM32F1
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, POR, PWM, Voltage Detect, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	497-17866 STM32F105RCT6V-ND
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	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 16x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB OTG

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