

STM32F103RET7	
Part Number	STM32F103RET7
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 64LQFP
Quantity Available	160 pcs in stock
Datasheets	
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Technical Information of STM32F103RET7			
Manufacturer Part Number	STM32F103RET7	Category	Integrated Circuits (ICs)
Manufacturer	STMicroelectronics	Description	IC MCU 32BIT 512KB FLASH 64LQFP
Package / Case	Tray	Quantity Available	160
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	512KB (512K x 8)	Peripherals	DMA, Motor Control PWM, PDR, POR, PVD, PWM, Temp Sensor, WDT
Packaging	Tray	Package / Case	64-LQFP
Other Names	497-11529 STM32F103RET7-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	51
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 72MHz 512KB (512K 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 ² C, IrDA, LINbus, SPI, UART/USART, USB	Base Part Number	STM32F103

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Related parts for STM32F103RET7				
Image	Part Number	Description	Manufacturer	Quantity
	STM32F103RCY6TRC17	STM32F103RCY6TRC17 ST	ST	547 pcs
	STM32F103RFT6TR	IC MCU 32BIT 768KB FLASH 64LQFP	STMicroelectronics	500 pcs
	STM32F103S6T6A	STM32F103S6T6A STM	STM	3360 pcs
	STM32F103RCY6TRC40	STM32F103RCY6TRC40 STM	STM	27 pcs
	STM32F103RFT6JTR	LQFP 64 10X10X1.4 1	STMicroelectronics	500 pcs
	STM32F103RGT6JTR	LQFP 64 10X10X1.4 1	STMicroelectronics	500 pcs
	STM32F103RDT6TR	IC MCU 32BIT 384KB FLASH 64LQFP	STMicroelectronics	769 pcs
	STM32F103RCY6TRC37	STM32F103RCY6TRC37 ST	ST	110 pcs
	STM32F103RGT7	IC MCU 32BIT 1MB FLASH 64LQFP	STMicroelectronics	781 pcs
	STM32F103RGT6	IC MCU 32BIT 1MB FLASH 64LQFP	STMicroelectronics	500 pcs
	STM32F103REY6TR	IC MCU 32BIT 512KB FLASH 64WLCSP	STMicroelectronics	690 pcs
	STM32F103RDT6	IC MCU 32BIT 384KB FLASH 64LQFP	STMicroelectronics	5400 pcs
	STM32F103RGT6TR	IC MCU 32BIT 1MB FLASH 64LQFP	STMicroelectronics	500 pcs
	STM32F103RDY6TRC24	STM32F103RDY6TRC24 ST	ST	70 pcs
	STM32F103RET6	IC MCU 32BIT 512KB FLASH 64LQFP	STMicroelectronics	9000 pcs
	STM32F103RDY6TR	IC MCU 32BIT 384KB FLASH 64WLCSP	STMicroelectronics	397 pcs
	STM32F103RET6TR	IC MCU 32BIT 512KB FLASH 64LQFP	STMicroelectronics	500 pcs
	STM32F103RFT6	IC MCU 32BIT 768KB FLASH 64LQFP	STMicroelectronics	5000 pcs
	STM32F103RDY6TR11	STM32F103RDY6TR11 ST	ST	6 pcs
	STM32F103S6T7	STM32F103S6T7 ST	ST	183 pcs

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