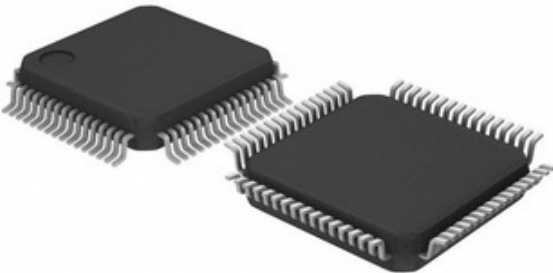




STMicroelectronics



STM32F446RCT7

Part Number:	STM32F446RCT7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLASH 64LQFP
	1.STM32F446RCT7.pdf
	2.STM32F446RCT7.pdf
	3.STM32F446RCT7.pdf
	4.STM32F446RCT7.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

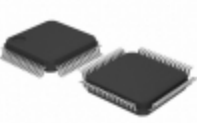
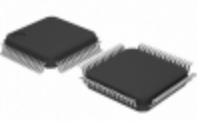
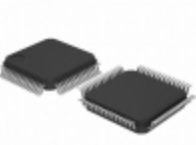
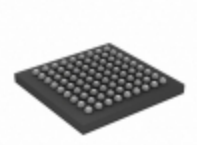
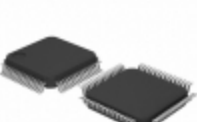
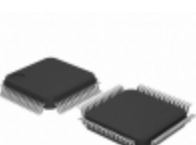
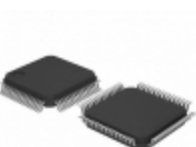
Specifications of STM32F446RCT7

PART NUMBER	STM32F446RCT7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F446RCT7.pdf 2.STM32F446RCT7.pdf 3.STM32F446RCT7.pdf 4.STM32F446RCT7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	497-16774
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB, USB OTG

Related Tags

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 STM32F446MCY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 81WLCSP In stock: Out stock RFQ	 STM32F446RCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 772 pcs RFQ
 STM32F446RET7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ	 STM32F446RCT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock RFQ
 STM32F446RCT7TR Manufacturers: STMicroelectronics Description: LQFP 64 10X10X1.4 1 In stock: Out stock RFQ	 STM32F446MEY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 81WLCSP In stock: Out stock RFQ
 STM32F439ZIY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 143WLCSP In stock: Out stock RFQ	 STM32F446RET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ
 STM32F446RCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock RFQ	 STM32F446VCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: Out stock RFQ
 STM32F446RET7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ	 STM32F446VCT7 Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: Out stock RFQ