



STMicroelectronics



STM32F446RCT6

Part Number:	STM32F446RCT6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLASH 64LQFP
Datasheets:	 STM32F446RCT6.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	18475 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

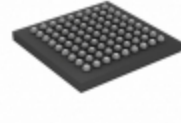
Specifications of STM32F446RCT6

PART NUMBER	STM32F446RCT6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18475 pcs
DATA SHEET	 STM32F446RCT6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	64-LQFP (10x10)
SERIES	STM32 F4
ROHS STATUS	Tray
REVERSE RECOVERY TIME (TRR)	180MHz
REQUIRES	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PROGRAM MEMORY TYPE	256KB (256K x 8)
PROGRAM MEMORY SIZE	CAN, EBI/EMI, I²C, IrDA, LIN, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB, USB OTG
POLARIZATION	64-LQFP
OSCILLATOR TYPE	A/D 16x12b, D/A 2x12b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M4
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	STM32F446RCT6
EXPANDED DESCRIPTION	ARM® Cortex®-M4 STM32 F4 Microcontroller IC 32-Bit 180MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64LQFP
DATA SRAM BYTES	-
DATA CONVERTERS	1.7 V ~ 3.6 V
CORE SIZE	128K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	50

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