



Part Number:STM32F446RET7TR

Manufacturer/Brand:STMicroelectronics

Product description:IC MCU 32BIT 512KB FLASH 64LQFP

Datasheets: STM32F446RET7TR.pdf

RoHs Status: Lead free / RoHS Compliant

Stock Condition:17085 pcs stock

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F446RET7TR

PART NUMBER	STM32F446RET7TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17085 pcs
DATA SHEET	 STM32F446RET7TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH
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

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