



STMicroelectronics



Image may be representation. See specifications for product details.

STM32F446RET6

Part Number:	STM32F446RET6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 64LQFP
Datasheets:	 STM32F446RET6.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10524 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

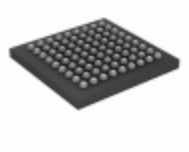
Specifications of STM32F446RET6

PART NUMBER	STM32F446RET6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10524 pcs
DATA SHEET	 STM32F446RET6.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	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	497-15376
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 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

STMicroelectronics STM32F446RET6	STM32F446RET6 Distributor	STM32F446RET6 Supplier
STM32F446RET6 Price	STM32F446RET6 Pictures	STM32F446RET6 Image
STM32F446RET6 PDF Datasheet	STM32F446RET6 Download Datasheet	STM32F446RET6 Datasheet
STM32F446RET6 Stock	Buy STM32F446RET6	Buy STMicroelectronics STM32F446RET6
STMicroelectronics STM32F446RET6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F446RET6		

Related Products

 STM32F446RCT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 19370 pcs RFQ	 STM32F446RET7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 17085 pcs RFQ
 STM32F446RCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 18475 pcs RFQ	 STM32F446VCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 15771 pcs RFQ
 STM32F446VCT7 Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: 15657 pcs RFQ	 STM32F446VET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9497 pcs RFQ
 STM32F446MEY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 81WLCSP In stock: 13075 pcs RFQ	 STM32F446RCT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 17807 pcs RFQ
 STM32F446RET7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 18111 pcs RFQ	 STM32F446RCT7TR Manufacturers: STMicroelectronics Description: LQFP 64 10X10X1.4 1 In stock: 19540 pcs RFQ
 STM32F446RCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 14671 pcs RFQ	 STM32F446VET6TR Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: 18579 pcs RFQ