



STM32F446VET7

Part Number:	STM32F446VET7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
	 1.STM32F446VET7.pdf
	 2.STM32F446VET7.pdf
	 3.STM32F446VET7.pdf
	 4.STM32F446VET7.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12413 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

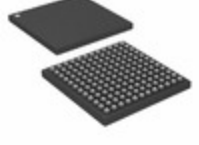
Specifications of STM32F446VET7

PART NUMBER	STM32F446VET7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12413 pcs
DATA SHEET	 1.STM32F446VET7.pdf  2.STM32F446VET7.pdf  3.STM32F446VET7.pdf  4.STM32F446VET7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
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, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	497-16776
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	81
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 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB, USB OTG

Related Tags

STMicroelectronics STM32F446VET7	STM32F446VET7 Distributor	STM32F446VET7 Supplier
STM32F446VET7 Price	STM32F446VET7 Pictures	STM32F446VET7 Image
STM32F446VET7 PDF Datasheet	STM32F446VET7 Download Datasheet	STM32F446VET7 Datasheet
STM32F446VET7 Stock	Buy STM32F446VET7	Buy STMicroelectronics STM32F446VET7
STMicroelectronics STM32F446VET7	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F446VET7		

Related Products

 STM32F446VET6TR Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: 18579 pcs RFQ	 STM32F446ZCH7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144UFBG In stock: 20307 pcs RFQ
 STM32F446ZCT6JTR Manufacturers: STMicroelectronics Description: LQFP 144 20X20X1.4 2 In stock: 14596 pcs RFQ	 STM32F446VET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9497 pcs RFQ
 STM32F446RET7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 18111 pcs RFQ	 STM32F446ZCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 10087 pcs RFQ
 STM32F446ZCH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 18710 pcs RFQ	 STM32F446RET7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 17085 pcs RFQ
 STM32F446VCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 15771 pcs RFQ	 STM32F446ZCJ6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 18147 pcs RFQ
 STM32F446ZEH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144UBGA In stock: 11211 pcs RFQ	 STM32F446VCT7 Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: 15657 pcs RFQ