

	<b>Manufacturer Part Number:</b> <a href="#">STM32F446VET6</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
<b>Part of Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP	<b>Datasheets:</b>  <a href="#">STM32F446VET6.pdf</a>
<b>RoHS Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, 3500 pcs Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	STM32F446VET6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 100LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	3500 pcs Stock
Series	STM32 F4
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	100-LQFP
Supplier Device Package	100-LQFP (14x14)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, POR, PWM,
Core Processor	ARM® Cortex®-M4
Speed	180MHz
Number of I/O	81
EEPROM Size	-
RAM Size	128K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, I <sup>2</sup> C, IrDA, LIN, SAI, SD, SPDIF-Rx, SPI,
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Data Converters	A/D 16x12b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tray

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 <b>STM32F446RET7</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	 <b>STM32F446RET6</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	 <b>STM32F446RET7TR</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	 <b>STM32F446ZCJ6</b> STMicroelectronics IC MCU 32BIT 256KB FLASH 144BGA

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CC0603KRX7R6BB224	CGA5F4NP02J392J085AA	CM2831KIM25	CS1107EDFR8	DDZ9712T-7
DMG4800LK-13	DMP3010LPS-13	DTA1132KA	EP4CGX110DF27I7N	FAN53611AUC115X
FJX3006RTF	GRM0335C1E2R7CA01J	ICL7135CP1	IRKL162-04	LM2931CM
LMV324SIDR	LPM9007B3F	D LT1029CZ	LT3048EDC-15#PBF	LT3511IMS#TRPBF
LT4250LIS8#PBF	D LTC3525ESC6-5	LTC4211IMS	MAS3132E0L	MAX1976AETA150+T
MC711K4VFUE4	PD301-M0138A	SIS4101PT1G	SL2305SI-1HT	SLF10145T-220M1R9-PF
SMT10E-05W3V3	STD20NE03LT4	SURD8330T4G	D T468S20NB	TAS5122DCARG4
TPA731DGNRG4	TSC2046IPWR	UPA1764G-E1	UPD72042BGT-E1-A	VI-J6N-IX

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