



STMicroelectronics



STM32F401VET6

Part Number:	STM32F401VET6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	 1.STM32F401VET6.pdf
	 2.STM32F401VET6.pdf
	 3.STM32F401VET6.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11109 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

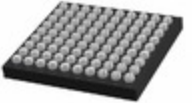
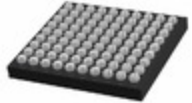
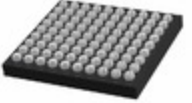
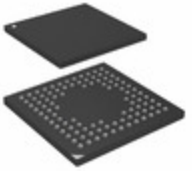
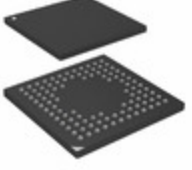
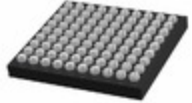
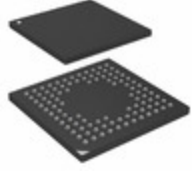
Specifications of STM32F401VET6

PART NUMBER	STM32F401VET6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11109 pcs
DATA SHEET	 1.STM32F401VET6.pdf  2.STM32F401VET6.pdf  3.STM32F401VET6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	84MHz
SERIES	STM32F4
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	497-17430 STM32F401VET6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 84MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, LINbus, SDIO, SPI, UART/USART, USB OTG

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 STM32F405OEY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 90WLCSP In stock: 19626 pcs RFQ	 STM32F405OGY6WTR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 90WLCSP In stock: 14806 pcs RFQ
 STM32F405OGY6VTR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 90WLCSP In stock: 15435 pcs RFQ	 STM32F405RGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 9605 pcs RFQ
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 STM32F401VCH7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: 27189 pcs RFQ	 STM32F405OGY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 90WLCSP In stock: 16839 pcs RFQ
 STM32F401VCT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 19218 pcs RFQ	 STM32F401VDH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 384KB FLASH 100UBGA In stock: 27298 pcs RFQ