

 <p><b>Not Actual Photo</b> YIC International Co., Limited.</p>	<p><b>Manufacturer Part Number:</b> STM32F401VEH6</p>
	<p><b>Manufacturer/Brand:</b> STMicroelectronics</p>
	<p><b>Part of Description:</b> IC MCU 32BIT 512KB FLASH 100UBGA</p>
	<p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li><a href="#">1.STM32F401VEH6.pdf</a></li> <li><a href="#">2.STM32F401VEH6.pdf</a></li> <li><a href="#">3.STM32F401VEH6.pdf</a></li> </ul>
	<p><b>RoHs Status:</b>  Lead free / RoHS</p>
	<p><b>Stock Condition:</b> <sup>Compliant</sup> New original, 2594 pcs Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>








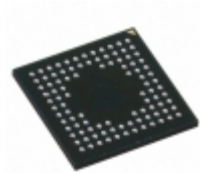
Image may be representation.  
See specs for product details.

### Specifications

Part Number	STM32F401VEH6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 100UBGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2594 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Supplier Device Package	100-UFBGA (7x7)
Speed	84MHz
Series	STM32 F4
RAM Size	96K x 8
Program Memory Type	FLASH
Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
Packaging	Tray
Package / Case	100-UFBGA
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	81
EEPROM Size	-
Data Converters	A/D 16x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	I <sup>2</sup> C, IrDA, LIN, SDIO, SPI, UART/USART, USB OTG

### You May Be Also Be interested

In:

 <p><b>STM32F401VDT6</b> STMicroelectronics IC MCU 32BIT 384KB FLASH 100LQFP</p>	 <p><b>STM32F405OEY6BTR</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 90WL CSP</p>	 <p><b>STM32F401VET6</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP</p>	 <p><b>STM32F401VCT7</b> STMicroelectronics IC MCU 32BIT 256KB FLASH 100LQFP</p>
 <p><b>STM32F402RCT6</b> ST ST LQFP64</p>	 <p><b>STM32F402VCT6 IC</b> ST ST QFP</p>	 <p><b>STM32F401VET6TR</b> ST</p>	 <p><b>STM32F401VDH6</b> STMicroelectronics IC MCU 32BIT 384KB FLASH 100UBGA</p>

### STM32F401VEH6 Related keyword

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Contact us: [Info@YIC-Electronics.com](mailto:Info@YIC-Electronics.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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