

STM32F411VEH6U Information


For Reference Only

Part Number [STM32F411VEH6U](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 100UBGA
Package 100-UFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


STM32F411VEH6U Specifications

Manufacturer Part Number	STM32F411VEH6U
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-UFBGA
Series	STM32 F4
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	100MHz
Connectivity	I2C, IrDA, LIN, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT
Number of I/O	81
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	100-UFBGA
Supplier Device Package	100-UFBGA (7x7)

[Report errors?](#)

STM32F411VEH6U Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

STM32F411VEH6U Payment Methods



STM32F411VEH6U Shipping Methods



If you have any question about STM32F411VEH6U, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com