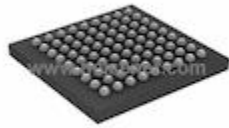


STM32F446MEY6TR Information


For Reference Only

Part Number [STM32F446MEY6TR](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 81WLCSP
Package 81-UFBGA, WLCSP
 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.


STM32F446MEY6TR Specifications

Manufacturer Part Number	STM32F446MEY6TR
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	81-UFBGA, WLCSP
Series	STM32 F4
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	180MHz
Connectivity	CAN, EBI/EMI, I2C, IrDA, LIN, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I2S, LVD, POR, PWM, WDT
Number of I/O	63
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 14x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	81-UFBGA, WLCSP
Supplier Device Package	81-WLCSP (3.80x3.69)

[Report errors?](#)

STM32F446MEY6TR 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.

STM32F446MEY6TR Payment Methods



STM32F446MEY6TR Shipping Methods



If you have any question about STM32F446MEY6TR, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com