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YIC International Co., Limited.

Manufacturer Part Number: STM32F437IIH6TR

Manufacturer/Brand: STMicroelectronics

Part of Description: IC MCU 32BIT 2MB FLASH 176UFBGA

Datasheets:  [STM32F437IIH6TR.pdf](#)

RoHs Status:  Lead free / RoHS

Stock Condition: Compliant
New original, 2522 pcs Stock Available.

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Image may be representation.
See specs for product details.

Specifications	
YIC International Co., Limited.	
Part Number	STM32F437IIH6TR
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 2MB FLASH 176UFBGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2522 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	176-UFBGA (10x10)
Speed	168MHz
Series	STM32 F4
RAM Size	256K x 8
Program Memory Type	FLASH
Program Memory Size	2MB (2M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM,
Packaging	Tape & Reel (TR)
Package / Case	176-UFBGA
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	140
EEPROM Size	-
Data Converters	A/D 24x12b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	CAN, EBI/EMI, Ethernet, I²C, IrDA, LIN, SPI,

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STM32F437IIT6 32MCU
ST
ST QFP



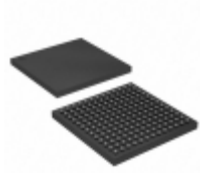
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STM32F437VGT7
STMicroelectronics
IC MCU 32BIT 1MB FLASH
100LQFP



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STM32F437VGT6
STMicroelectronics
IC MCU 32BIT 1MB FLASH
100LQFP



STM32F437AIH6TR
STMicroelectronics
IC MCU 32BIT 2MB FLASH
169BGA



STM32F437IIT6
STMicroelectronics
IC MCU 32BIT 2MB FLASH
176LQFP

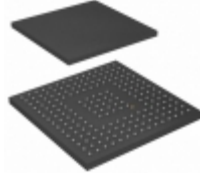


STM32F437IGT6
STMicroelectronics
IC MCU 32BIT 1MB FLASH
176LQFP



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STM32F437IIT7
STMicroelectronics
IC MCU 32BIT 2MB FLASH
176LQFP



STM32F437IIH6
STMicroelectronics
IC MCU 32BIT 2MB FLASH
176UFBGA

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