






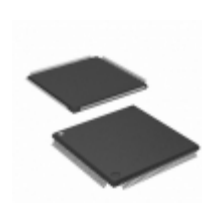

 Not Actual Photo YIC International Co., Limited.	<b>Manufacturer Part Number:</b> <a href="#">STM32F437VIT6WTR</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> IC MCU 32BIT 2MB FLASH 100LQFP
	<b>Datasheets:</b>  <a href="#">STM32F437VIT6WTR.pdf</a>
	<b>RoHs Status:</b>
	<b>Stock Condition:</b> New original, Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	<a href="#">STM32F437VIT6WTR</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	IC MCU 32BIT 2MB FLASH 100LQFP
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)
Speed	180MHz
Series	STM32F4
RAM Size	256K x 8
Program Memory Type	FLASH
Program Memory Size	2MB (2M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LCD, POR, PWM,
Packaging	Tape & Reel (TR)
Package / Case	100-LQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	82
Manufacturer Standard Lead Time	14 Weeks
EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit
Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LINbus, SPI,
Base Part Number	STM32F437

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