



## STM32F437VIT6TR

<b>Manufacturer Part Number:</b>	STM32F437VIT6TR
<b>Manufacturer/Brand:</b>	N/A
<b>Part of Description:</b>	IC MCU 32BIT 2MB FLASH 100LQFP
<b>RoHS Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, 2559 pcs Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	STM32F437VIT6TR
Manufacturer	N/A
Description	IC MCU 32BIT 2MB FLASH 100LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2559 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
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, 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
EEPROM Size	-
Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	CAN, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LIN, SPI,

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 <b>STM32F437VIT6</b> N/A IC MCU 32BIT 2MB FLASH 100LQFP	 <b>STM32F437VIT7</b> N/A IC MCU 32BIT 2MB FLASH 100LQFP	 <b>STM32F437VIT6WTR</b> N/A IC MCU 32BIT 2MB FLASH 100LQFP	 <b>STM32F437ZIT6</b> N/A IC MCU 32BIT 2MB FLASH 144LQFP

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