

 <p>Image may be representation. See specs for product details.</p>	<b>Manufacturer Part Number:</b>	STM32F437ZIT6
	<b>Manufacturer/Brand:</b>	STMicroelectronics
	<b>Part of Description:</b>	IC MCU 32BIT 2MB FLASH 144LQFP
	<b>Datasheets:</b>	 <a href="#">STM32F437ZIT6.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS
	<b>Stock Condition:</b>	Compliant New original, 2658 pcs Stock Available.
	<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS	

**Specifications**

YIC International Co., Limited.	
Part Number	STM32F437ZIT6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 2MB FLASH 144LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2658 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)
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	Tray
Package / Case	144-LQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	114
EEPROM Size	-
Data Converters	A/D 24x12b, 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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In:

 <p><b>STM32F437ZIT7</b> STMicroelectronics IC MCU 32BIT 2MB FLASH 144LQFP</p>	 <p><b>STM32F437VIT6TR</b> STMicroelectronics IC MCU 32BIT 2MB FLASH 100LQFP</p>	 <p><b>STM32F437VIT6WTR</b> STMicroelectronics IC MCU 32BIT 2MB FLASH 100LQFP</p>	 <p><b>STM32F437ZIT7TR</b> STMicroelectronics IC MCU 32BIT 2MB FLASH 144LQFP</p>
 <p><b>STM32F437ZGT6</b> STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP</p>	 <p><b>STM32F439AIH6</b> STMicroelectronics IC MCU 32BIT 2MB FLASH 169UFBGA</p>	 <p><b>STM32F437VIT7TR</b> STMicroelectronics IC MCU 32BIT 2MB FLASH 100LQFP</p>	 <p><b>STM32F439BIT6</b> STMicroelectronics IC MCU 32BIT 2MB FLASH 208LQFP</p>

STM32F437ZIT6 Related keyword

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