

## STM32F412VET6TR



### STMicroelectronics

IC MCU 32BIT 512KB FLASH 100LQFP  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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Manufacturer lead time 10 weeks

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.7 V ~ 3.6 V
<b>Speed:</b>	100MHz
<b>Series:</b>	STM32 F4
<b>RAM Size:</b>	256K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (512K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LCD, POR, PWM, WDT
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	81
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 16x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M4
<b>Connectivity:</b>	CAN, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LIN, SAI, SDIO, SPI, UART/USART, USB, USB OTG

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#### STM32F412ZEJ6

IC MCU 32BIT 512KB FLASH 144BGA  
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#### STM32F412VGT6

IC MCU 32BIT 1MB FLASH 100LQFP  
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#### STM32F412VET6

IC MCU 32BIT 512KB FLASH 100LQFP  
STMicroelectronics

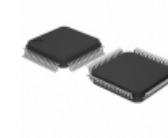
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#### STM32F412VEH6

IC MCU 32BIT 512KB FLASH 100BGA  
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#### STM32F412RGT6

IC MCU 32BIT 1MB FLASH 64LQFP  
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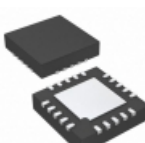


#### STM32F412VGH6

IC MCU 32BIT 1MB FLASH 100UFBGA  
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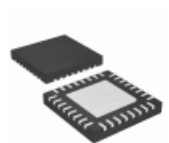
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32TQFN  
Maxim Integrated

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Microchip Technology

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#### XC6124A416ER-G

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Torex Semiconductor Ltd

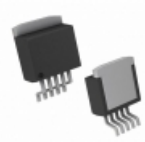
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