













 life.augmented	Manufacturer Part Number: STM32F412VGT6
	Manufacturer/Brand: STMicroelectronics
 Not Actual Photo YIC International Co., Limited.	Part of Description: IC MCU 32BIT 1MB FLASH 100LQFP
	Datasheets: <ul style="list-style-type: none">  1.STM32F412VGT6.pdf  2.STM32F412VGT6.pdf  3.STM32F412VGT6.pdf  4.STM32F412VGT6.pdf
	RoHS Status:  Lead free / RoHS
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Ship From: Hong Kong	
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Specifications

Part Number	STM32F412VGT6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 1MB FLASH 100LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32 F4
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	100-LQFP
Supplier Device Package	100-LQFP (14x14)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM,
Core Processor	ARM® Cortex®-M4
Speed	100MHz
Number of I/O	81
EEPROM Size	-
RAM Size	256K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, Ethernet, I ² C, IrDA, LIN, SAI, SDIO, SPI,
Program Memory Size	1MB (1M x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Packaging	Tray


















































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