

 Not Actual Photo YIC International Co., Limited.	Manufacturer Part Number:	STM32F042G6U6
	Manufacturer/Brand:	STMicroelectronics
	Part of Description:	IC MCU 32BIT 32KB FLASH 28UFQFPN
	Datasheets:	 1.STM32F042G6U6.pdf
		 2.STM32F042G6U6.pdf
		 3.STM32F042G6U6.pdf
		 4.STM32F042G6U6.pdf
		 5.STM32F042G6U6.pdf
 Image may be representation. See specs for product details. YIC International Co., Limited.	RoHS Status:	 Lead free / RoHS
	Stock Condition:	Compliant New original, 2220 pcs Stock Available.
	Ship From:	Hong Kong
Shipment Way:		DHL/Fedex/TNT/UPS/EMS

Specifications	
Part Number	STM32F042G6U6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 32KB FLASH 28UFQFPN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2220 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	28-UFQFPN (4x4)
Speed	48MHz
Series	STM32 F0
RAM Size	6K x 8
Program Memory Type	FLASH
Program Memory Size	32KB (32K x 8)
Peripherals	DMA, I²S, POR, PWM, WDT
Packaging	Tray
Package / Case	28-UFQFN Exposed Pad
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	24
EEPROM Size	-
Data Converters	A/D 13x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M0
Connectivity	CAN, HDMI-CEC, I²C, IrDA, LIN, SPI, UART/USART, USB

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