

### STM32F042K6T6

<b>Manufacturer Part Number:</b>	STM32F042K6T6
<b>Manufacturer / Brand</b>	ST
<b>Part of Description:</b>	
<b>Datasheets:</b>	<a href="#">STM32F042K6T6(1).pdf</a> <a href="#">STM32F042K6T6(2).pdf</a>
<b>Lead Free Status / RoHS Status:</b>	
<b>Stock Condition:</b>	New original, 5000 pcs Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS

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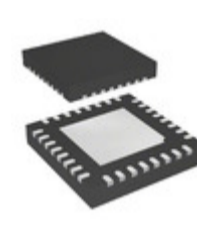
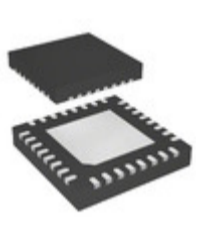



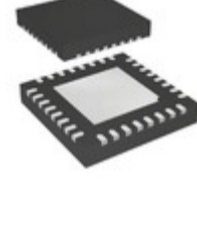




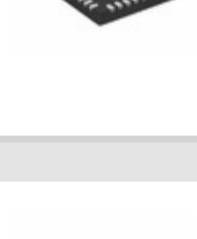








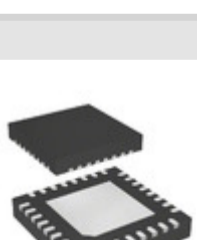






### The specifications of STM32F042K6T6

Part Number	STM32F042K6T6	Manufacturer / Brand	ST
Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V	Supplier Device Package	32-LQFP (7x7)
Speed	48MHz	Series	STM32F0
RAM Size	6K x 8	Program Memory Type	FLASH
Program Memory Size	32KB (32K x 8)	Peripherals	DMA, I <sup>2</sup> S, POR, PWM, WDT
Packaging	Tray	Package / Case	32-LQFP
Other Names	497-14647	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	26
Moisture Sensitivity Level (MSL)	3 (168 Hours)	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 32-LQFP (7x7)	Data Converters	A/D 13x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	CANbus, HDMI-CEC, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB	Base Part Number	STM32F042
Stock Quantity	5000 pcs Stock	Category	<a href="#">Integrated Circuits (ICs) &gt; Specialized ICs</a>
Description	Lead Free Status / RoHS Status		

### Keywords related to STM32F042K6T6

STMICROELECTRONICS STM32F042K6T6	STM32F042K6T6 part	STM32F042K6T6 Price	STM32F042K6T6 Distributor
STM32F042K6T6 Technical	STM32F042K6T6 Stock	STM32F042K6T6 Inventory	STM32F042K6T6 Supplier
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<p>IMAGE NOT AVAILABLE</p> <p><b>STM32F051K8T6</b> <b>Description:</b> ST QFP32 <b>Manufacturers:</b> ST <b>In Stock:</b> New original, 2600 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STM32F042C6U6</b> <b>Description:</b> IC MCU 32BIT 32KB FLASH 48UFQFPN <b>Manufacturers:</b> STMICROELECTRONICS <b>In Stock:</b> New original, 2881 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STM32F050C6T6A</b> <b>Description:</b> IC MCU 32BIT 32KB FLASH 48LQFP <b>Manufacturers:</b> STMICROELECTRONICS <b>In Stock:</b> New original, 2612 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
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<p>IMAGE NOT AVAILABLE</p> <p><b>STM32F051K86</b> <b>Description:</b> STM32F051K86 ST QFN <b>Manufacturers:</b> ST <b>In Stock:</b> New original, 2682 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STM32F070C6T6</b> <b>Description:</b> IC MCU 32BIT 128KB FLASH 48LQFP <b>Manufacturers:</b> STMICROELECTRONICS <b>In Stock:</b> New original, 2837 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STM32F051C8T6</b> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48LQFP <b>Manufacturers:</b> STMICROELECTRONICS <b>In Stock:</b> New original, 28000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>



**IC Components Limited**

WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)

TEL: 00 852 - 30501935

FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong