



STM32G061C6T6

Manufacturer Part Number	STM32G061C6T6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32G061C6T6
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	CONTROLLER / PROCESSOR
Package	48-LQFP
Data sheet	STM32G061C6T6.pdf
RoHs Status	 ROHS3 Compliant


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STM32G061C6T6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32G061C6T6 datasheet/specifications on AllelcoElec.com.
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Specifications





STM32G061C6T6 Tech Specifications

STM32G061C6T6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Bulk
Voltage - Supply (Vcc/Vdd)	1.7V ~ 3.6V	Oscillator Type	External, Internal
Supplier Device Package	48-LQFP (7x7)	Operating Temperature	-40°C ~ 85°C (TA)
Speed	64MHz	Number of I/O	44
Series	STM32G0	Mounting Type	Surface Mount
RAM Size	18K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 19x12b SAR; D/A 2x12b
Program Memory Size	32KB (32K x 8)	Core Size	32-Bit
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Core Processor	ARM® Cortex®-M0+
Package / Case	48-LQFP	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART

Parts with Similar Specifications

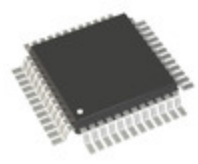
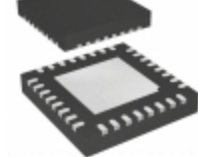
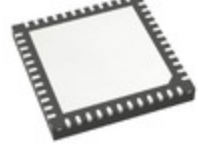
The three parts on the right have similar specifications to STMicroelectronics STM32G061C6T6

Product Attribute	 NO PICTURE		 life.augmented	 life.augmented
Part Number	STM32G061C6T6	STM32G070RBT6	STM32G051G6U6	STM32G051G8U6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	STM32G0	STM32G0	STM32G0	STM32G0
Package / Case	48-LQFP	64-LQFP	28-UFQFN	28-UFQFN
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	32-Bit	32-Bit Single-Core	32-Bit	32-Bit
Oscillator Type	External, Internal	Internal	External, Internal	External, Internal
Program Memory Size	32KB (32K x 8)	128KB (128K x 8)	32KB (32K x 8)	64KB (64K x 8)
Voltage - Supply (Vcc/Vdd)	1.7V ~ 3.6V	2V ~ 3.6V	1.7V ~ 3.6V	1.7V ~ 3.6V
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART
Speed	64MHz	64MHz	64MHz	64MHz
Number of I/O	44	59	26	26
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
EEPROM Size	-	-	-	-
Data Converters	A/D 19x12b SAR; D/A 2x12b	A/D 19x12b	A/D 17x12b SAR; D/A 2x12b	A/D 17x12b SAR; D/A 2x12b
Package	Bulk	Tray	Bulk	Bulk
Supplier Device Package	48-LQFP (7x7)	64-LQFP (10x10)	28-UFQFPN (4x4)	28-UFQFPN (4x4)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	18K x 8	36K x 8	18K x 8	18K x 8

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STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC MCU 32BIT 128KB FLASH 64LQFP	CONTROLLER / PROCESSOR	CONTROLLER / PROCESSOR		IC MCU 32BIT 64KB FLASH 32LQFP	IC MCU 32BIT 64KB FLASH 48LQFP

**STM32G070KBT6TR**STMicroelectronics
CONTROLLER / PROCESSOR**STM32G031K8T7**STMicroelectronics
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IC MCU 32BIT 128KB FLASH 32LQFP**STM32G051K6T6**STMicroelectronics
IC MCU 32BIT 32KB FLASH 32LQFP**STM32G070CBT6TR**STMicroelectronics
IC MCU 32BIT 128KB FLASH 48LQFP**STM32G041C8T6**STMicroelectronics
IC MCU 32BIT 64KB FLASH 48LQFP**STM32G051K8T6**STMicroelectronics
IC MCU 32BIT 64KB FLASH 32LQFP**STM32G031Y8Y6TR**STMicroelectronics
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32UFQFPN**STM32G071C8U3**STMicroelectronics
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48UFQFPN**STM32G070CBT6**STMicroelectronics
IC MCU 32BIT 128KB FLASH 48LQFP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

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> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
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