



Image may be representation.  
See specifications for product details.



## STM32G473RCT6

Manufacturer Part Number	<b>STM32G473RCT6</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STM32G473RCT6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 256KB FLASH 64LQFP
Package	64-LQFP
Data sheet	<b>STM32G473xB, STM32G473xC, STM32G473xE Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

STM32G473RCT6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32G473RCT6 datasheet/specifications on AllelcoElec.com.  
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### Specifications

STM32G473RCT6 Tech Specifications  
STM32G473RCT6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	52
Speed	170MHz	Mounting Type	Surface Mount
Series	STM32G4	EEPROM Size	-
RAM Size	128K x 8	Data Converters	A/D 26x12b; D/A 4x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, QSPI, SAI, SPI, UART/USART, USB
Package / Case	64-LQFP	Base Product Number	STM32G473
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32G473RCT6

Product Attribute				
Part Number	STM32G473RCT6	STM32G473VET6TR	STM32G473CET6	STM32G474CET6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	64-LQFP	100-LQFP	48-LQFP	48-LQFP
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Supplier Device Package	64-LQFP (10x10)	100-LQFP (14x14)	48-LQFP (7x7)	48-LQFP (7x7)
Number of I/O	52	86	38	38
Speed	170MHz	170MHz	170MHz	170MHz
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4F
Program Memory Size	256KB (256K x 8)	512KB (512K x 8)	512KB (512K x 8)	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, TRNG, WDT	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
Oscillator Type	Internal	External, Internal	Internal	Internal
RAM Size	128K x 8	128K x 8	128K x 8	128K x 8
Package	Tray	Tape & Reel (TR)	Tray	Tray
Core Size	32-Bit Single-Core	32-Bit	32-Bit Single-Core	32-Bit Single-Core
Data Converters	A/D 26x12b; D/A 4x12b	A/D 42x12b SAR; D/A 7x12b	A/D 20x12b; D/A 4x12b	A/D 20x12b; D/A 7x12b
Base Product Number	STM32G473	-	STM32G473	STM32G474
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, QSPI, SAI, SPI, UART/USART, USB	CANbus, I <sup>2</sup> C, IrDA, LINbus, QSPI, SAI, SPI, UART/USART, USB	CANbus, I <sup>2</sup> C, IrDA, LINbus, QSPI, SAI, SPI, UART/USART, USB	CANbus, I <sup>2</sup> C, IrDA, LINbus, QSPI, SPI, UART/USART
Series	STM32G4	STM32G4	STM32G4	STM32G4

### STM32G473RCT6 Datasheet PDF

Download STM32G473RCT6 pdf datasheets and STMicroelectronics documentation for STM32G473RCT6 - STMicroelectronics.

#### Datasheets

STM32G473xB, STM32G473xC, STM32G473xE Datasheet.pdf

#### PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

### PCN Assembly/Origin








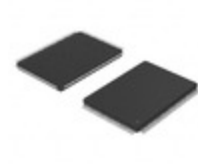
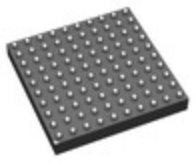






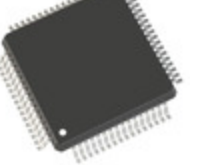
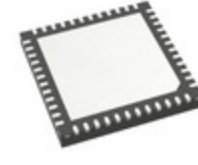

STM8/STM32 10/Mar/2020.pdf

### PCN Design/Specification

Mult Des Die Rev 24/Nov/2020.pdf

## Customers Also Interested in

### Recommended Products

 <b>STM32G473VET6TR</b> STMicroelectronics CONTROLLER / PROCESSOR	 <b>STM32G473CET6</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 48LQFP	 <b>STM32G474CET6</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 48LQFP	 <b>STM32G441CBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP	 <b>STM32G473RBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP	 <b>STM32G474RBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP
 <b>STM32G473MBT6</b> STMicroelectronics CONTROLLER / PROCESSOR	 <b>STM32G474QET3</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 128LQFP	 <b>STM32G473VEH6</b> STMicroelectronics IC MCU 32BIT 512KB FLSH 100TFBGA	 <b>STM32G473VET6</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	 <b>STM32G473VCT6</b> STMicroelectronics IC MCU 32BIT 256KB FLASH 100LQFP	 <b>STM32G431VBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 100LQFP
 <b>STM32G474CBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP	 <b>STM32G473VBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 100LQFP	 <b>STM32G431RBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP	 <b>STM32G474RBT3</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP	 <b>STM32G473CEU6</b> STMicroelectronics IC MCU 32BIT 512KB FLSH 48UFQFPN	 <b>STM32G431RBT6TR</b> STMicroelectronics CONTROLLER / PROCESSOR

## 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

- > Use your express account for shipment if you have one.
  - > 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. Contact us if you have any questions.

### Payment Support



The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Contact us if you have any questions.

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