



Image may be representation.
See specifications for product details.



STM32G071CBT6TR

Manufacturer Part Number **STM32G071CBT6TR**

Manufacturer **STMicroelectronics**

Allelco Part Number **32D-STM32G071CBT6TR**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 32BIT 128KB FLASH 48LQFP**

Package **48-LQFP**

Data sheet **STM32G071x8, STM32G071xB, STM32L071xZ.pdf**

STM32G0x1 Ref. Manual.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

STM32G071CBT6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32G071CBT6TR datasheet/specifications on AllelcoElec.com.
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Specifications

STM32G071CBT6TR Tech Specifications

STM32G071CBT6TR - 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	48-LQFP (7x7)	Number of I/O	44
Speed	64MHz	Mounting Type	Surface Mount
Series	STM32G0	EEPROM Size	-
RAM Size	36K x 8	Data Converters	A/D 17x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Connectivity	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	48-LQFP	Base Product Number	STM32G071
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32G071CBT6TR

Product Attribute				
Part Number	STM32G071CBT6TR	STM32G071GBU6N	STM32G071CBT6	STM32G071C8U3
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	48-LQFP	28-UFQFN	48-LQFP	48-UFQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
EEPROM Size	-	-	-	-
Series	STM32G0	STM32G0	STM32G0	STM32G0
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	48-LQFP (7x7)	28-UFQFPN (4x4)	48-LQFP (7x7)	48-UFQFPN (7x7)
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	64KB (64K x 8)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	STM32G071	STM32G071	STM32G071	STM32G071
Data Converters	A/D 17x12b; D/A 2x12b	A/D 11x12b; D/A 2x12b	A/D 17x12b; D/A 2x12b	A/D 17x12b; D/A 2x12b
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Number of I/O	44	26	44	44
Connectivity	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.7V ~ 3.6V
RAM Size	36K x 8	36K x 8	36K x 8	36K x 8
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	64MHz	64MHz	64MHz	64MHz
Package	Tape & Reel (TR)	Tray	Tray	Tray

STM32G071CBT6TR Datasheet PDF

Download STM32G071CBT6TR pdf datasheets and STMicroelectronics documentation for STM32G071CBT6TR - STMicroelectronics.

Datasheets



STM32G071x8, STM32G071xB,
STM32L071xZ.pdf



STM32G0x1 Ref. Manual.pdf

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

PCN Design/Specification

Mult Dev Material Chgs 28/Feb/2023.pdf

Mult Dev Des Improv 24/Nov/2022.pdf

PCN Assembly/Origin

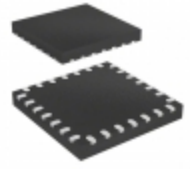
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Errata

STM32G071xx Errata.pdf

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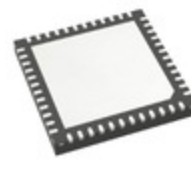
Recommended Products



STM32G071GBU6N
STMicroelectronics
IC MCU 32BIT 128KB FLSH
28UFQFPN



STM32G071CBT6
STMicroelectronics
IC MCU 32BIT 128KB FLASH 48LQFP



STM32G071C8U3
STMicroelectronics
IC MCU 32BIT 64KB FLASH
48UFQFPN



STM32G071C8T6TR
STMicroelectronics
IC MCU 32BIT 64KB FLASH 48LQFP



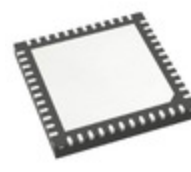
STM32G071CBT6,32
STMicroelectronics



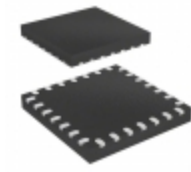
STM32G070RBT
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STM32G071EBY6TR
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IC MCU 32BIT 64KB FLASH
25WLCS



STM32G071CBU3
STMicroelectronics
IC MCU 32BIT 128KB FLSH
48UFQFPN



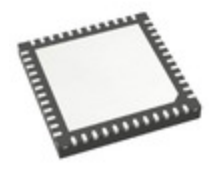
STM32G071G8U6N
STMicroelectronics
IC MCU 32BIT 64KB FLASH
28UFQFPN



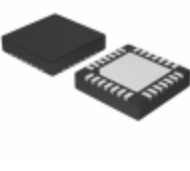
STM32G071CBU6TR
STMicroelectronics
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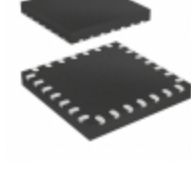
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IC MCU 32BIT 128KB FLSH
48UFQFPN



STM32G071G8U6
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IC MCU 32BIT 64KB FLASH
28UFQFPN



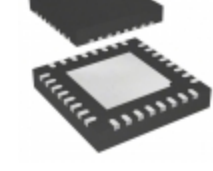
STM32G071GBU6
STMicroelectronics
IC MCU 32BIT 128KB FLSH
28UFQFPN



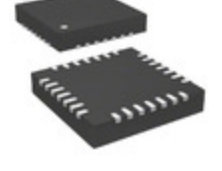
STM32G071C8U6
STMicroelectronics



STM32G070RBT6
STMicroelectronics
IC MCU 32BIT 128KB FLASH 64LQFP



STM32G071K8U6
STMicroelectronics
IC MCU 32BIT 64KB FLASH
32UFQFPN



STM32G071GBU6TR
STMicroelectronics
IC MCU 32BIT 128KB FLSH
28UFQFPN

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.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More

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Fax: +00852 3010 8510

Email: info@allelco.com

