



STM32G0B0CET6

Manufacturer Part Number	STM32G0B0CET6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32G0B0CET6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	CONTROLLER / PROCESSOR
Package	48-LQFP
Data sheet	STM32G0B0CET6.pdf
RoHs Status	ROHS3 Compliant

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STM32G0B0CET6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32G0B0CET6 datasheet/specifications on AllelcoElec.com.
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Specifications

STM32G0B0CET6 Tech Specifications
STM32G0B0CET6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Bulk
Voltage - Supply (Vcc/Vdd)	2V ~ 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	43
Series	STM32G0	Mounting Type	Surface Mount
RAM Size	144K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 17x12b SAR
Program Memory Size	512KB (512K x 8)	Core Size	32-Bit
Peripherals	DMA, I ² S, POR, PWM, Voltage Detect, WDT	Core Processor	ARM® Cortex®-M0+
Package / Case	48-LQFP	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART, USB

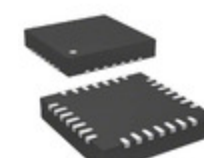
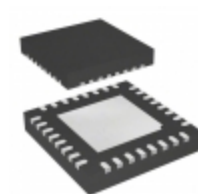
Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32G0B0CET6

Product Attribute				
Part Number	STM32G0B0CET6	STM32G0B1RBT6	STM32G071RBT6	STM32G071KBT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	48-LQFP (7x7)	64-LQFP (10x10)	64-LQFP (10x10)	32-LQFP (7x7)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Bulk	Bulk	Tray	Tray
Data Converters	A/D 17x12b SAR	A/D 19x12b SAR; D/A 2x12b	A/D 19x12b; D/A 2x12b	A/D 13x12b; D/A 2x12b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Oscillator Type	External, Internal	External, Internal	Internal	Internal
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART, USB	CANbus, HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART, USB	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART
Series	STM32G0	STM32G0	STM32G0	STM32G0
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Peripherals	DMA, I ² S, POR, PWM, Voltage Detect, WDT	Brown-out Detect/Reset, 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
RAM Size	144K x 8	144K x 8	36K x 8	36K x 8
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	1.7V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	48-LQFP	64-LQFP	64-LQFP	32-LQFP
Number of I/O	43	60	60	30
Core Size	32-Bit	32-Bit	32-Bit Single-Core	32-Bit Single-Core
Program Memory Size	512KB (512K x 8)	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)
Speed	64MHz	64MHz	64MHz	64MHz

Customers Also Interested in

Recommended Products



STM32G0B1RBT6

STMicroelectronics
CONTROLLER / PROCESSOR

STM32G071RBT6

STMicroelectronics
IC MCU 32BIT 128KB FLASH 64LQFP

STM32G071KBT6

STMicroelectronics
IC MCU 32BIT 128KB FLASH 32LQFP

STM32G071KBU6N

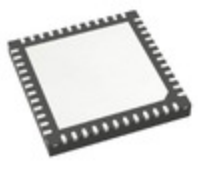
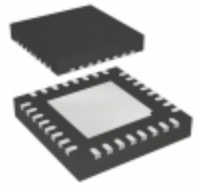
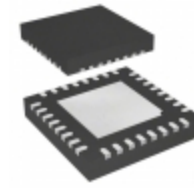
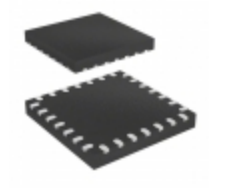
STMicroelectronics
IC MCU 32BIT 128KB FLSH 32UFQFPN

STM32G071GBU6TR

STMicroelectronics
IC MCU 32BIT 128KB FLSH 28UFQFPN

STM32G0B1CBU6

STMicroelectronics
CONTROLLER / PROCESSOR

**STM32G0B1CCU6**STMicroelectronics
IC MCU 32BIT 256KB FLSH
48UFQFPN**STM32G0B0RET6**STMicroelectronics
IC MCU 32BIT 512KB FLASH 64LQFP**STM32G0B1KET6N**STMicroelectronics
IC MCU 32BIT 512KB FLASH 32LQFP**STM32G071R8T6**STMicroelectronics
IC MCU 32BIT 64KB FLASH 64LQFP**STM32G0B1RCT6**STMicroelectronics
CONTROLLER / PROCESSOR**STM32G0B1CBT6**STMicroelectronics
CONTROLLER / PROCESSOR**STM32G071KBU6**STMicroelectronics
IC MCU 32BIT 128KB FLSH
32UFQFPN**STM32G0B1KET6**STMicroelectronics
IC MCU 32BIT 512KB FLASH 32LQFP**STM32G071KBU6TR**STMicroelectronics
CONTROLLER / PROCESSOR**STM32G071K8U6**STMicroelectronics
IC MCU 32BIT 64KB FLASH
32UFQFPN**STM32G0B1CET6**STMicroelectronics
CONTROLLER / PROCESSOR**STM32G071GBU6N**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,
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