STM32G431CBT6

STM32G431CBT6 Information

For Reference Only

Part Number STM32G431CBT6
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
Embedded - Microcontrollers
Description MAINSTREAM ARM CORTEX-M4+ MCU 17
Package 48-LQFP

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

STM32G431CBT6 Specifications

Manufacturer Part Number	STM32G431CBT6
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	48-LQFP
Series	STM32G4
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	170MHz
Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
Number of I/O	38
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	32K x 8
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V
Data Converters	A/D 17x12b; D/A 4x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)
	Report errors?

STM32G431CBT6 Guarantees

Quality Guarantees
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

Service Guarantees
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

STM32G431CBT6 Payment Methods

STM32G431CBT6 Shipping Methods

If you have any question about STM32G431CBT6, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com