

STM32F429IGT6 STMicroelectronics

High quality STM32F429IGT6 STMicroelectronics is offered by China supplier called XT-ShenZhen. STM32F429IGT6 STMicroelectronics is a 32-bit microcontroller MCU developed by ST (STMicroelectronics) specifically for low-power applications. Features the high-performance ARM Cortex-M0® 32 RISC core. It is a very cost-effective product in the STM32 series. Welcome new and old customers to continue to cooperate with XT-ShenZhen® to create a better future together! Every request from customers is being replied within 24 hours.

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Product description

The STM32F030K6T6R STMicroelectronics utilizes high-speed embedded SRAM memory with a wide range of enhanced peripherals and I/O. The device provides a standard communication interface, a 12-bit ADC, seven general-purpose 16-bit timers, and an advanced control PWM timer. The STM32F030K6T6R operates from 2.4V to 3.6V and has an operating temperature range of -40 to +85°C. With comprehensive power-down modes, the combination easily surpasses most existing microcontrollers, allowing all application designers to benefit from the simplicity and efficiency of an advanced 32-bit core.

Product features

- . ARM® 32-bit Cortex-M0® CPU with frequencies up to 48MHz cores
- . 16 to 256kb flash memory
- . 4 to 32kb SRAM, hardware parity
- . CRC calculation unit
- . VDDA = VDD to 3.6V analog power supply
- . Sleep, stop and standby low power modes
- . 4 to 32MHz crystal oscillator
- . 32kHz oscillator for real-time clocks with calibration function
- . Internal 8MHz RC, x6 phase-locked loop options
- . Internal 40kHz RC oscillator
- . Up to 55 inputs and outputs, 5V fault tolerance

Shenzhen Zhen Rong Era Supply Chain Management Co., Ltd.

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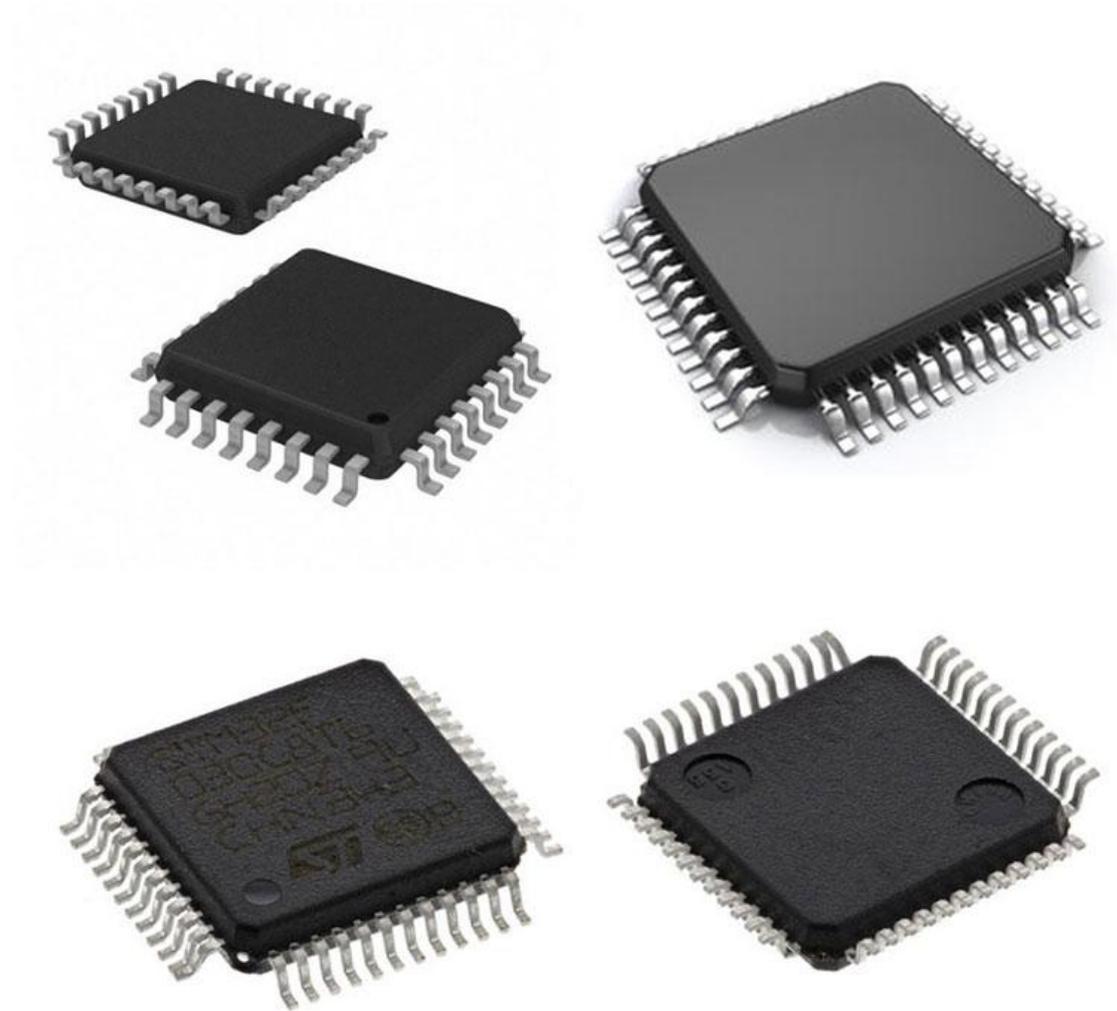
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- . 5-channel DMA direct memory access controller
- . A 12-bit, 1.0 μ s analog-to-digital converter (up to 16 channels).
- . 0 to 3.6V conversion range
- . Calendar real-time clock with alarm and periodic wake-up from stop/standby
- . A 16-bit advanced control timer for 6-channel PWM output
- . Up to 7 x 16-bit timers, up to 4 X IC/OC, OCN, can be used for IR control decoding
- . Stand-alone and system watchdog timer

Product parameters

Technical parameters	Clock frequency	48MHz
	The number of pins	32
	RAM size	4KB
	Number of digits	32
	Dissipated power	357mW
	FLASH memory capacity	32KB
	Operating temperature (Max).	85°C
	Operating temperature (Min).	-40°C
	Supply voltage (Max).	3.6V
	Supply voltage (Min).	2.4V
	encapsulation	LQFP-32

Product images



FAQ

Q: Are your shipments fast?

A: Yes, we have our own warehouse, and STM32F030K6T6R STMicroelectronics are in stock. Same-day delivery can be achieved as soon as possible.

Q: Are you a trader or a manufacturer?

A: Yes, we are traders. Most of the products we sell are purchased directly from the factory.

Q: How long do you need to give me a quote?

A: On weekdays, after receiving your information, a quote will be sent to you within the same day

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