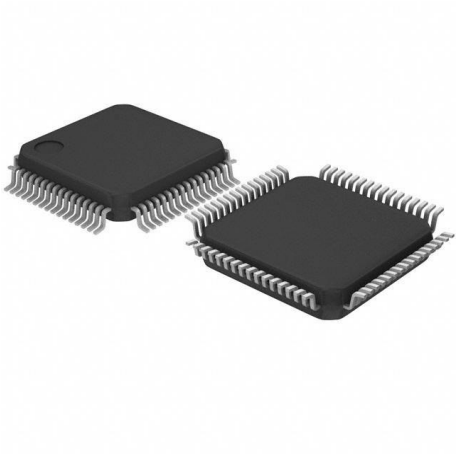

STM32H743VIT6 STMicroelectronics

STM32H743VIT6 STMicroelectronics is a micro control unit MCU developed and designed by STMicroelectronics (ST). Features a high-performance ARM® Cortex-M7® 32-bit RISC core Supports DSP instructions and memory protection units (MPUs) for enhanced application security It is one of the more shortage MCUs on the market at present.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. If you have a procurement request, please contact us!!!

As the professional supplier, we would like to provide you high quality STM32H743VIT6 STMicroelectronics. STM32H743VIT6 STMicroelectronics is a micro control unit MCU developed and designed by STMicroelectronics (ST). Features a high-performance ARM® Cortex-M7® 32-bit RISC core Supports DSP instructions and memory protection units (MPUs) for enhanced application security It is one of the more shortage MCUs on the market at present. You are welcomed to come to XT-ShenZhen® to buy the latest selling, low price, and high-quality products. We look forward to cooperating with you. If you have a procurement request, please contact us!!!

Product description

STM32H743VIT6 STMicroelectronics has double-precision FPU and L1 cache: 16 KB of data and 16 KB instruction cache; Frequencies up to 480 MHz. • Up to 1 MB of RAM when reading and writing are supported. Flexible external memory controllers with up to 32-bit data bus: SRAM, PSRAM, SDRAM/LPSDR SDRAM, NOR/ The clock frequency of the NAND flash memory in synchronous mode. and multilayer AXI connected to APB buses, AHB buses, 2x32-bit multi-AHB bus matrices, and support for internal and external memory access Interconnect a variety of enhanced I/O and peripherals. Embedded voltage regulators (LDOs) have configurable, scalable outputs that power digital circuits. In low-power modes: sleep, stop, standby, VBAT battery operation has a charging ability mode and supports battery charging with low power consumption.

Product features

• Dual-mode Quad-SPI memory interface with operating frequencies up to 133 MHz
• Flexible external memory controller with up to 32-bit data bus
• CRC Computational Unit Security • ROP, PC-ROP, Active Tampering Universal - Dedicated Input/Output
•Up to 168 interrupt-capable I/O port reset and power management
• 3 independent power domains for independent clock gating or shutdown

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Tel:+86-755-83240078 **Phone:**+86-13927462033
E-mail:jack-sellandbuycomponents@xt-shenzhen.cn

•A dedicated USB power supply embedded in the 3.3 V internal regulator powers the internal PHY

• Embedded voltage regulators (LDOs) have configurable, scalable outputs to power digital circuits

• Voltage scales in run and stop modes (6 configurable ranges).

• Backup regulator (~0.9 V) • Analog peripheral/VREF+ voltage reference

• CPU and domain power status monitoring pins

•Standby mode is 2.95 µA (backup SRAM off, RTC/LSE on) clock management

• Internal oscillators: 64 MHz HSI, 48 MHz HSI48, 4 MHz CSI, 32 kHz LSI

• External oscillators: 4-48 MHz HSE, 32.768 kHz LSE

Product parameters

Technical parameters	The number of pins	100
	RAM size	1060KB
	Analog-to-digital conversion number (ADC).	3
	Number of inputs/outputs	82 Input
	Operating temperature (Max).	85℃
	Operating temperature (Min).	-40℃
	Supply voltage (Max).	3.6V
	Supply voltage (Min).	1.71V
	encapsulation	LQFP-100
	Packaging	Tray
	Number of digits	32

Product images

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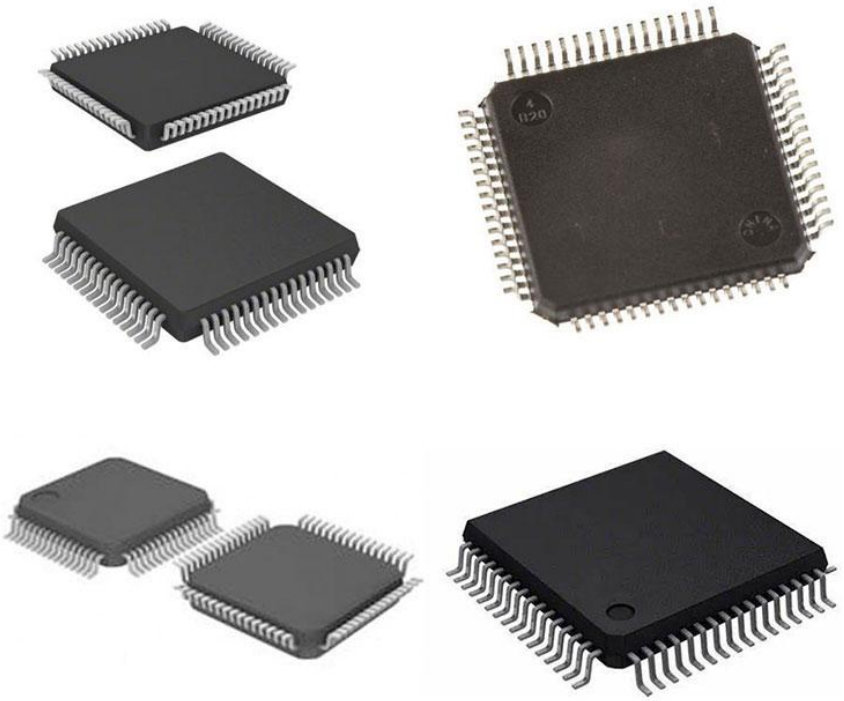

FAQ

Q: Where is your company?

A: Our company is registered in Shenzhen, China.

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.

Q: How do you pack your goods?

A: Each of our shipments is vacuum vacuumed and packed. Make sure there is no damage during shipping.

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