

Manufacturers	STMicroelectronics, Inc
Package/Case	SSOP
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for STC32AB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

STC32AB is a series of 32-bit microcontrollers (MCUs) produced by STC Microcontroller, a Chinese semiconductor manufacturer. The series is based on the ARM Cortex-M3 core and is designed for high-performance applications that require advanced control and processing capabilities.

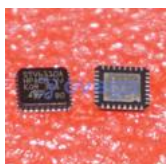
Features

- Up to 120 MHz clock speed
- Up to 512 KB flash memory and 64 KB SRAM
- Multiple communication interfaces, including USB, CAN, SPI, and I2C
- High-precision 12-bit ADC and DAC
- Multiple timers and PWM channels
- Low-power consumption modes for energy efficiency

Application

- Industrial control systems
- Robotics
- Smart home devices
- Automotive electronics
- Medical devices

Related Products



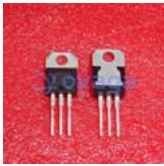
[STV6110A](#)

STMicroelectronics, Inc
QFN-32



[ST10F276-CFG](#)

STMicroelectronics, Inc
QFP-144



[STP180N4F6](#)

STMicroelectronics, Inc
TO-220



[STV6414AD](#)

STMicroelectronics, Inc
QFP-64



[STV0900A](#)

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[STI3520LCV](#)

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