

16-BIT MCU WITH 256K BYTE FLASH MEMORY AND 8K BYTE RAM

Manufacturers	STMicroelectronics, Inc
Package/Case	QFP144
Product Type	Memory
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for ST10F168-Q3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ST10F168-Q3 is a microcontroller produced by STMicroelectronics. It belongs to the ST10 family of 16-bit microcontrollers, which are based on a Harvard architecture and use an advanced RISC core.

Features

- 16-bit CPU core running at up to 40 MHz
- 256 KB of Flash memory for program storage
- 12 KB of RAM for data storage
- 10-bit ADC (analog-to-digital converter)
- PWM (pulse-width modulation) outputs for controlling motors or other devices
- Multiple communication interfaces including UART, SPI, and I2C

Application

- Industrial control systems
- Motor control
- Home automation
- Medical devices
- Building automation
- Automotive systems





Related Products



[ST10F269-Q3](#)

STMicroelectronics, Inc
PQFP-144



[ST10F168-Q6](#)

STMicroelectronics, Inc
QFP-144



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[STM8AF52AA](#)

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