

ST10F168 Series 16-bit 25 MHz 256 kB Flash 8 KB RAM Microcontroller - PQFP-144

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	PQFP-144
Product Type	Programmable Logic ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for ST10F168SQ6 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ST10F168SQ6 is a microcontroller chip manufactured by STMicroelectronics. It is a 16-bit Flash MCU with a Harvard architecture and an embedded 10-bit ADC. Some of its features include:

### Features

- 80 MHz clock frequency
- 256 KB of flash memory
- 12 KB of RAM
- 10-bit ADC with up to 8 channels
- 2 UARTs, 2 CAN interfaces, 1 SPI interface, and 1 I2C interface
- 4 timers and 2 PWM channels
- Operating temperature range of -40°C to 125°C

### Application

- NXP (formerly Philips) LPC2148
- Atmel AT91SAM7X256
- Renesas H8S/2655R
- Fujitsu MB91360
- Infineon XC167CI



### Related Products



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