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ST10F168-Q6

Data Sheet

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

Manufacturers	STMicroelectronics, Inc
Package/Case	QFP-144
Product Type	Memory
RoHS	
Lifecycle	



Images are for reference only

Application

General Description

ST10F168-Q6 is a microcontroller from STMicroelectronics, a leading semiconductor manufacturer. This microcontroller is based on the ST10 architecture and is designed for use in a wide range of industrial and automotive applications.

Features

It has a 16-bit CPU core with 32-bit instructionsAutomotive engine management systemsIt has a maximum clock speed of 40 MHzIndustrial control systemsIt has 128 KB of flash memory for program storageMotor control systemsIt has 8 KB of RAM for data storageRoboticsIt has a variety of on-chip peripherals, including timers, UARTs, SPI, and ADCsMedical devices



Related Products



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STMicroelectronics, Inc

ST10F269-Q3

PQFP-144





ST24C02 STMicroelectronics, Inc sop-8



<u>ST10F168-Q3</u>

STMicroelectronics, Inc QFP144

<u>STM8L151K4</u>



STMicroelectronics, Inc LQFP32

STLED316MTR

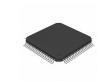
STMicroelectronics, Inc SOP24





STM32L151CCT6

STMicroelectronics, Inc LQFP-48



STM8AF52AA STMicroelectronics, Inc LQFP80