

Microcontroller, Digital Signal Processor Functions, 16Bit, 40MHz, 256KB, 12KB, 144Pins

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	PQFP-144
Product Type	Embedded Processors & Controllers
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for ST10F269Z2Q3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ST10F269Z2Q3 is a microcontroller from STMicroelectronics, a company that produces a wide range of semiconductor products.

### Features

- 16-bit MCU core
- 256 KB on-chip flash memory
- 12-bit ADC
- 6-channel PWM
- Multiple communication interfaces including UART, SPI, and I2C
- Operating frequency of up to 40 MHz
- Operating voltage range of 3.0V to 5.5V
- 112 general-purpose I/O pins

### Application

- Automotive electronics, such as engine management systems and transmission control units
- Industrial control systems
- Consumer electronics, such as home automation systems and digital cameras
- Medical devices
- Gaming machines
- Security systems





**Related Products**



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STMicroelectronics, Inc  
LQFP-100



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