

Board Mount Pressure / Force Sensors MEMS 260 -1260 mbar 0.020 RMS 5.5uA 30uA

Manufacturers	STMicroelectronics, Inc
Package/Case	HCLGA-16
Product Type	Pressure Sensors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for LPS331APTR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LPS331APTR is a digital barometric pressure sensor manufactured by STMicroelectronics. Here are some of its features:

Features

- It is a MEMS sensor that measures absolute pressure.
- It has a pressure range of 260 to 1260 hPa (hectopascals).
- It has a high-resolution output of 24 bits.
- It has a built-in temperature sensor that can measure temperatures from -40°C to 85°C.
- It communicates using a standard I2C or SPI interface.
- It has a compact form factor with dimensions of 3 x 3 x 1 mm.

Application

- Weather monitoring systems
- Altitude measurement for drones and unmanned aerial vehicles (UAVs)
- Indoor navigation systems
- Medical equipment
- Industrial automation and control systems

