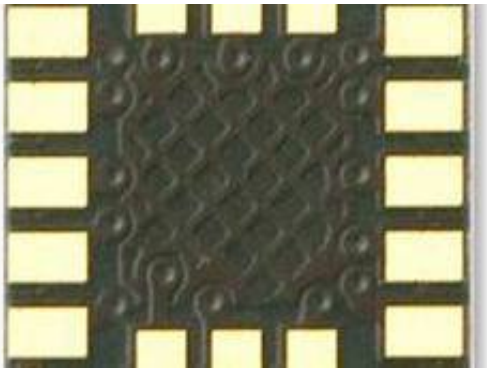


Gyroscope Triple 3.6V



Listing details

Reference Number: RF105176

Common

Price: \$ 3.19
Country: United States
Description:

Gyroscope Triple 3.6V 16-Pin LGA T/R

Manufacturer Part #: L3GD20TR

Alternate Part #: L3GD20TR/BKN

The L3GD20 is a low-power three-axis angular rate sensor. It includes a sensing element and an IC interface capable of providing the measured angular rate to the external world through a digital interface (I²C/SPI).

The sensing element is manufactured using a dedicated micro-machining process developed by STMicroelectronics to produce inertial sensors and actuators on silicon wafers.

Key Features:

- Three selectable full scales (250/500/2000 dps)
- I²C/SPI digital output interface
- 16 bit-rate value data output
- 8-bit temperature data output
- Two digital output lines (interrupt and data ready)
- Integrated low- and high-pass filters with user-selectable bandwidth
- Wide supply voltage: 2.4 V to 3.6 V
- Low voltage-compatible IOs (1.8 V)
- Embedded power-down and sleep mode
- Embedded temperature sensor
- Embedded FIFO

High shock survivability
Extended operating temperature range (-40 °C to +85 °C)
ECOPACK® RoHS and “Green” compliant

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Posted: 7 years ago

