

ADXL345 Tripple Axis Accelerometer Board

Slug: adxl345-tripple-axis-accelerometer-board



TECHNICAL SPECIFICATIONS & SUMMARY

[Accelerometer and Gyro Sensor] ADXL345 Tripple Axis Accelerometer Board is a small, thin, low-power, 3-axis accelerometer with a high resolution (13-bit) measurement at up to $\pm 16g$. Digital output data is format as a 16-bit two's complement and is accessible through either an SPI (3- or 4-wire) or I2C digital interface. The ADXL345 Tripple Axis Accelerometer Board is well suited for mobile device applications. It measures the static acceleration of gravity in tilt-sensing applications, as well as dynamic acceleration resulting from motion or shock. Its high resolution (4 mg/LSB) enables measurement of inclination changes less than 1.0 deg . Several special sensing functions are provided. Activity and inactivity sensing detect the presence or lack of motion and if the acceleration on any axis exceeds a user-set level. Tap sensing detects single and double taps. Free-fall sensing detects if the device is falling. These functions can be mapped to one of two interrupt output pins. An integrated, patent-pending 32-level first-in, first-out (FIFO) buffer can be used to store data to

UNIT PRICE (EX. GST)

Rs. 169

WITH 18% GST

Rs. 199

In stock: 0 units - HSN: 85423100

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