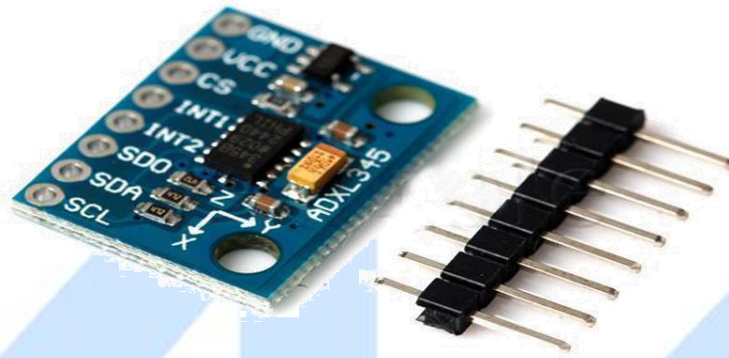


# OKY3248-1

## ACELEROMETRO DIGITAL DE 3 EJES ADXL345



### Description:

ADXL345 is a small, thin, low-power three-axis accelerometer can be high

Up to  $\pm 16$  g accelerometer with high resolution (13) measurements. Digital Outputs

According to a 16-bit twos complement format, can be accessed through the digital interface SPI (3-wire or 4-wire) or I2C.

ADXL345 is well suited for mobile device applications. It can tilt sensing applications

Measuring the static acceleration of gravity, it can also measure the dynamic add motion or shock caused speed. Its high resolution (4 mg / LSB), capable of measuring about  $0.25^\circ$  of inclination

Angle change. Use ADXL345 digital output acceleration timing, etc., without the need for

Analog to digital conversion, reducing system cost and board space. In addition, ADXL345 is a small, thin, ultra-low power 3-axis accelerometer with high resolution (13-bit) measurement at up to  $\pm 16$ g. Digital output data is 16-bit twos complement format, can be accessed via I2C digital interface SPI (3-wire or 4-wire) or.

ADXL345 is well suited for mobile device applications. It can tilt sensing applications

Measures the static acceleration of gravity, you can measure motion or shock resulting from moving

State acceleration. Its high resolution (3.9mg / LSB), capable of measuring less than  $1.0^\circ$

Tilt angle change.

|                                                                                                                         |                                                                         |                                                                                                          |              |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------|
| <br><i>¿Qué vamos a innovar hoy?</i> |                                                                         | AG Electrónica S.A.P.I. de C.V.<br>República del Salvador N° 20 Segundo Piso<br>Teléfono: 55 5130 - 7210 |              |
| ACOTACIÓN:<br>N/A                                                                                                       | <a href="http://www.agelectronica.com">http://www.agelectronica.com</a> | ESCALA:<br>N/A                                                                                           | REALIZO: BBB |
|                                                                                                                         |                                                                         |                                                                                                          | REV:VJSR     |
| TOLERANCIA:<br>N/A                                                                                                      | ACCELEROMETRO DIGITAL DE 3 EJES ADXL345                                 |                                                                                                          |              |
| TOLERANCIA:<br>N/A                                                                                                      | Fecha:<br>23/12/2019                                                    | No. Parte: OKY3248-1                                                                                     |              |