

## Bipolar Hall IC Switches for Magnetic Field Applications

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	P-SSO-3
Product Type	Magnetic Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TLE4935L or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

TLE4935L is a Hall sensor produced by Infineon Technologies. It is a highly sensitive and precise digital 3D magnetic sensor that is designed for the measurement of three-dimensional (3D) magnetic fields. The sensor is suitable for a wide range of applications, such as position sensing, angular sensing, and current sensing.

### Features

- 3D magnetic sensing with high accuracy and resolution
- Very low power consumption
- Wide temperature range (-40°C to 125°C)
- Integrated digital signal processing
- Programmable measurement range and output data rate
- Small form factor (2.5 mm x 2.5 mm x 0.85 mm)

### Application

- Angular position sensing in automotive and industrial applications
- Current sensing in motor control and power management systems
- Contactless and non-invasive proximity sensing
- Magnetic encoder and rotary encoder applications
- Gaming and virtual reality controllers



**Related Products**



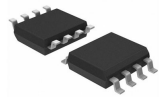
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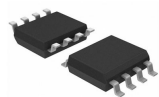
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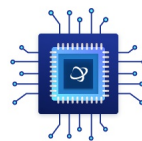
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