

Hall Effect Sensor 25mA Bipolar Latch 3.3V/5V/9V/12V/15V/18V/24V Automotive 3-Pin SOT-23 T/R

Manufacturers	<u>Infineon Technologies Corporation</u>
Package/Case	SOT23-3
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE4961-1M or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE4961-1M is a Hall-effect sensor manufactured by Infineon Technologies. It is designed for sensing magnetic fields and is commonly used in automotive and industrial applications.

Features

- It has a unipolar magnetic switch that operates on a 3.3V or 5V supply voltage.
- It can detect magnetic fields ranging from -40mT to 40mT.
- It has an operating temperature range of -40°C to 170°C.
- It has a very fast response time of less than 2µs.
- It has a high level of sensitivity and accuracy.

Application

- Position sensing
- Speed sensing
- Current sensing
- Brushless DC motor control
- Gearbox control
- Robotics

Infineon



(1T): 1E124861C02

M11



PWUX3KPRNF3211116

TLE4961-1M

(1P): SP000923322



(9D): 2145

(Q): 3000

(X): 97252823



CKAB

Level/Temp: 1/260

Diffused in MALAYSIA, Assembled in CHINA



Infineon

TLE4961-1M

(1P): SP000923322



Diffused in Malaysia

1610159
CL_COD
97252823
SHAG0007211121



Related Products



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