

Tracking Regulator, Low Dropout (LDO) Regulators Tracking REGLTR 5V 250mA

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-252-5
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE4252D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

General Description

TLE4252D is a voltage regulator IC designed for automotive applications. It is a low-dropout linear voltage regulator that provides a regulated output voltage of 5V or 3.3V, depending on the version, with a maximum current capability of 150mA.

Features

- Wide input voltage range from 4.75V to 40V
- High accuracy output voltage with a tolerance of $\pm 2\%$
- Low dropout voltage of 300mV at maximum load
- Overtemperature protection and short-circuit protection
- Reverse polarity protection

Application

- LM2937ET-5.0
- LM2937ET-3.3
- LP2950ACZ-5.0
- LP2950ACZ-3.3
- MAX8875EZK50
- MAX8875EZK33



Related Products



[TLE4264-2G](#)

Infineon Technologies Corporation
SOT-223



[TLE4266G](#)

Infineon Technologies Corporation
SOT-223



[TLE4726G](#)

Infineon Technologies Corporation
P-DSO-24



[TLE6282G](#)

Infineon Technologies Corporation
SOP-20



[TLE4271-2G](#)

Infineon Technologies Corporation
TO-263



[TLE4208G](#)

Infineon Technologies Corporation
SOP-28



[TLE7182EM](#)

Infineon Technologies Corporation

SSOP24



[TLE8386-2EL](#)

Infineon Technologies Corporation

SOP-14