

Linear Regulators - Standard LINEAR VLTGE REG

Manufacturers	Infineon Technologies Corporation
Package/Case	HSSOP-14
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TLE42994E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE42994E is a voltage regulator IC (integrated circuit) designed for automotive applications. It is manufactured by Infineon Technologies AG and is part of their TLE4299x family of voltage regulators.

Features

Wide input voltage range: 4.5V to 40V

Output voltage range: 3.3V to 40V

Maximum output current: 150mA

Low-drop voltage regulator (LDO) with adjustable output voltage

Overvoltage protection

Overtemperature protection

Short-circuit protection

Reverse-polarity protection

Low standby current consumption

Application

Automotive electronics: power management, audio systems, infotainment systems, dashboard displays, and lighting systems

Industrial electronics: power supplies, motor control, and instrumentation

Consumer electronics: battery-powered devices, portable audio players, and gaming consoles



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