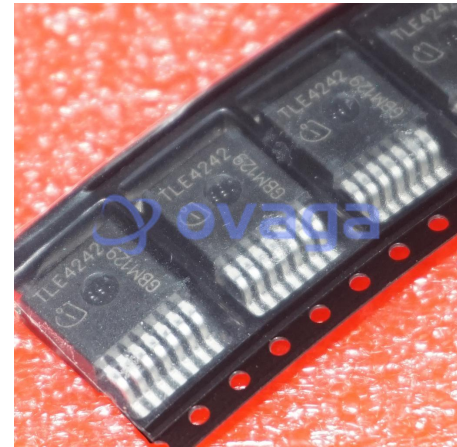


Adjustable LED Driver, LED Drivers LED Drivers 42V

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-263-7
Product Type	Driver ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE4242G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

General Description

TLE4242G is a high-performance, high-current, linear voltage regulator designed for use in automotive applications. It is manufactured by Infineon Technologies, a leading semiconductor manufacturer.

Features

Wide input voltage range from 5V to 40V

Output voltage range from 0.8V to 28V

Maximum output current of 5A

Low dropout voltage

Overtemperature protection

Short-circuit protection

Adjustable output voltage

Application

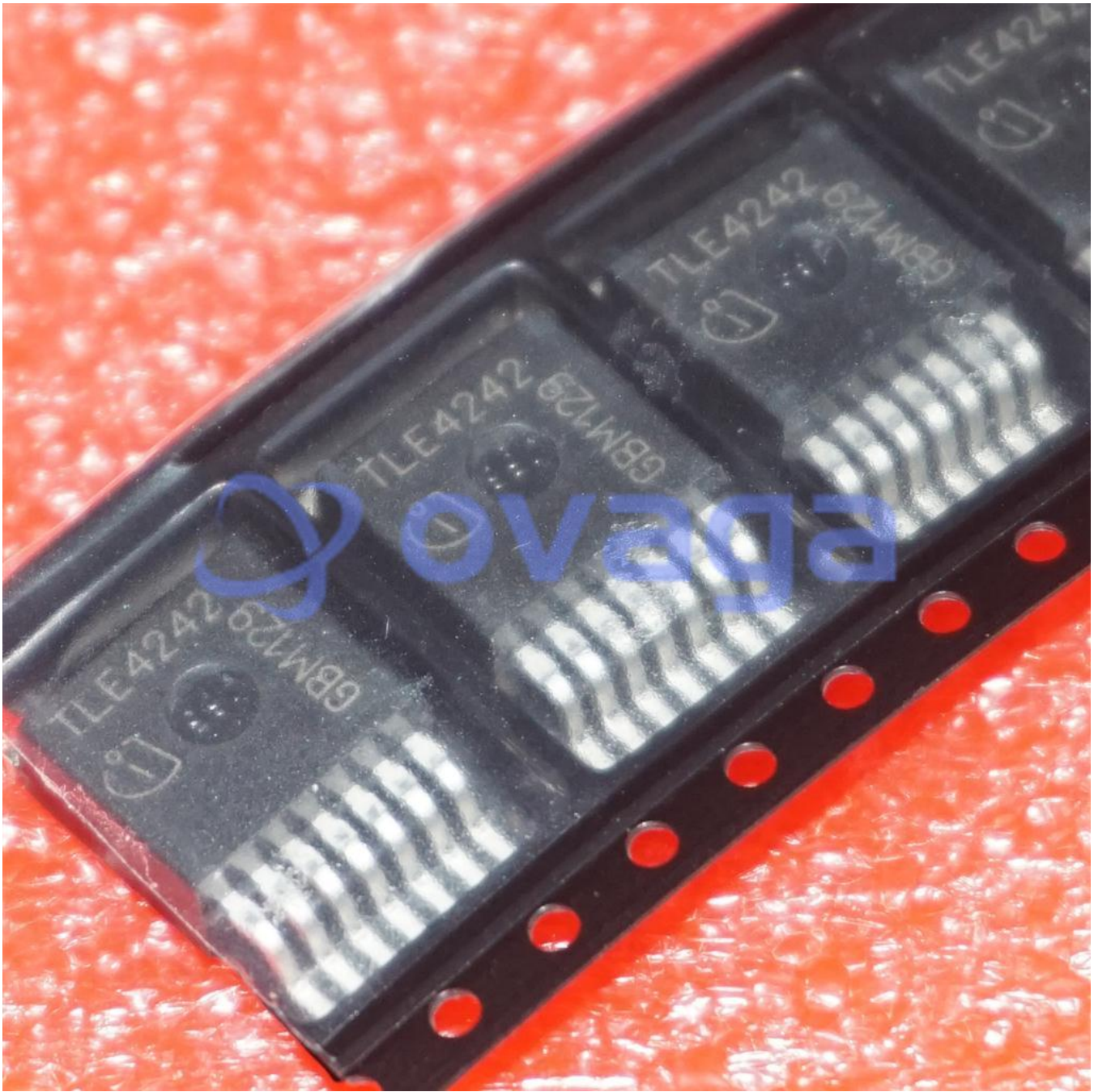
Automotive electronics such as infotainment systems, engine control units, and lighting systems

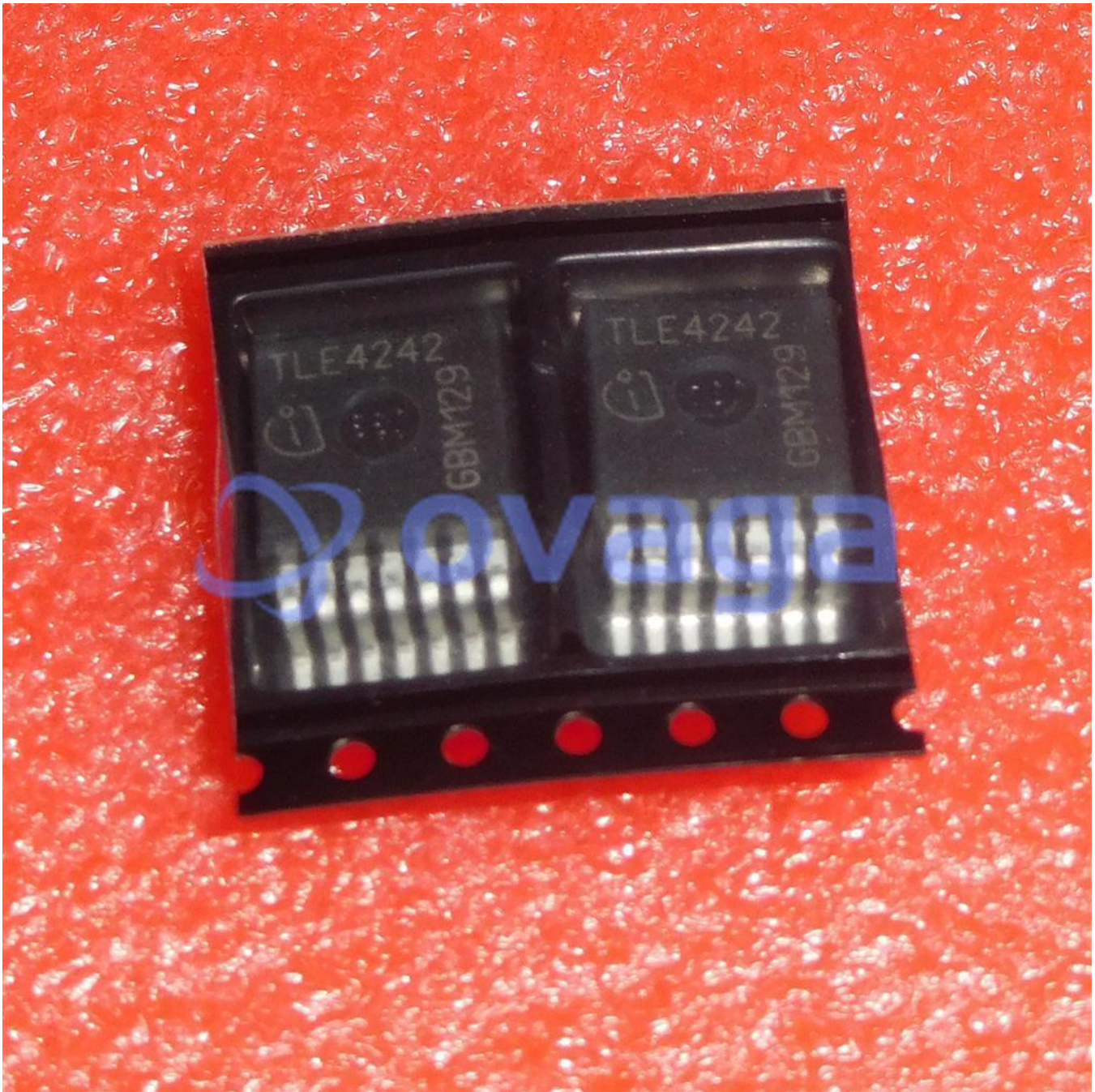
Industrial control systems

Power supplies

Battery charging systems

Test and measurement equipment





Related Products



[TLD5095](#)

Infineon Technologies Corporation
SSOP-14



[TLD5098EL](#)

Infineon Technologies Corporation
SSOP-14



[TLD1120EL](#)

Infineon Technologies Corporation
SOP-14



[TLE7241E](#)

Infineon Technologies Corporation
SOP20W



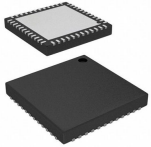
[TLD1211SJ](#)

Infineon Technologies Corporation
SOP8



[TLD5095EL](#)

Infineon Technologies Corporation
SSOP14



[TLD55012QVXUMA1](#)

Infineon Technologies Corporation
PG-VQFN-48



[BTS5672E](#)

Infineon Technologies Corporation
SSOP-36