

3 A, very low drop voltage regulators, Low Dropout (LDO) Regulators 2.5V 3.0A Positive

Manufacturers	STMicroelectronics, Inc
Package/Case	D2PAK
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for LD29300D2M25R or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LD29300D2M25R is a voltage regulator IC (Integrated Circuit) that provides a fixed output voltage of 2.5V with a maximum output current of 3A. Here are its main features:

Features

Input voltage range: 4.5V to 15V

Output voltage: 2.5V (fixed)

Maximum output current: 3A

Low dropout voltage: 0.35V typ.

Thermal shutdown and current limit protection

Adjustable version also available (LD29300D2T33R)

Application

Power supplies for microcontrollers and other digital circuits

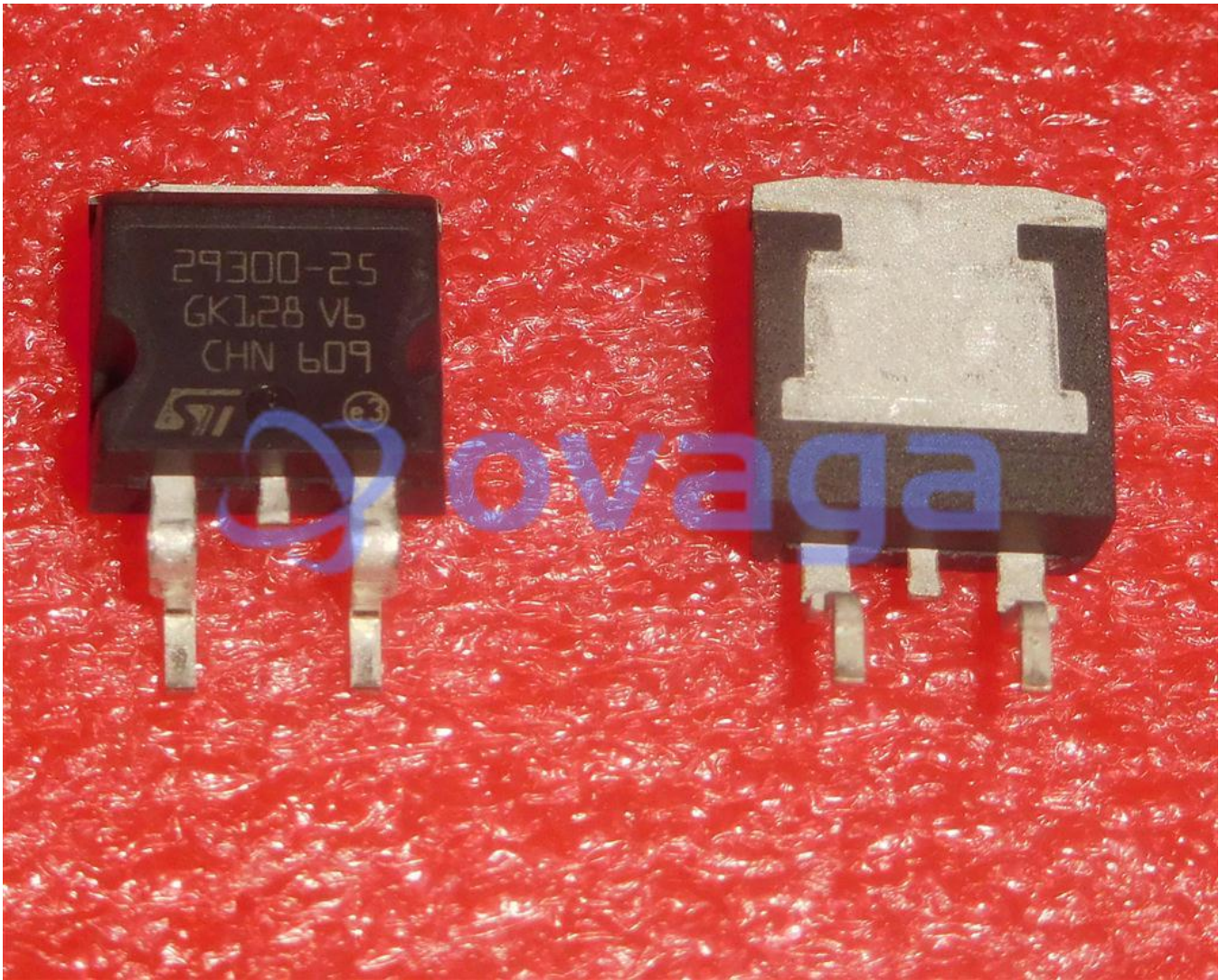
Voltage regulators for automotive applications

Battery-powered systems and portable devices

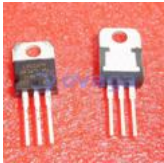
Industrial control systems

Audio amplifiers





Related Products



[LD1117V](#)

STMicroelectronics, Inc
TO-220



[LD1086DTTR](#)

STMicroelectronics, Inc
TO-252



[LM317LD13TR](#)

STMicroelectronics, Inc
SOP-8



[LD1117S18TR](#)

STMicroelectronics, Inc
SOT-223



[LD1117S25CTR](#)

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SOT223



[LD1117S12CTR](#)

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SOT-223-3



[VIPER16LD](#)

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SO-16



[LDK320AM33R](#)

STMicroelectronics, Inc
SOT-89,SOT23-5L