

LDO Regulator Pos 3.3V 0.45A

Manufacturers [Infineon Technologies Corporation](#)

Package/Case TO-252

Product Type Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for TLE4275D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE4275D is a voltage regulator IC (integrated circuit) manufactured by Infineon Technologies. It is a low-dropout (LDO) linear voltage regulator designed for use in automotive applications, specifically for regulating the voltage of the vehicle's electrical system.

Features

Output voltage range of 5V to 40V

Maximum output current of 400mA

Low dropout voltage of 70mV at 150mA

Wide operating temperature range of -40°C to 150°C

Built-in over-temperature protection

Built-in over-current protection

Reverse polarity protection

Low quiescent current of 40µA

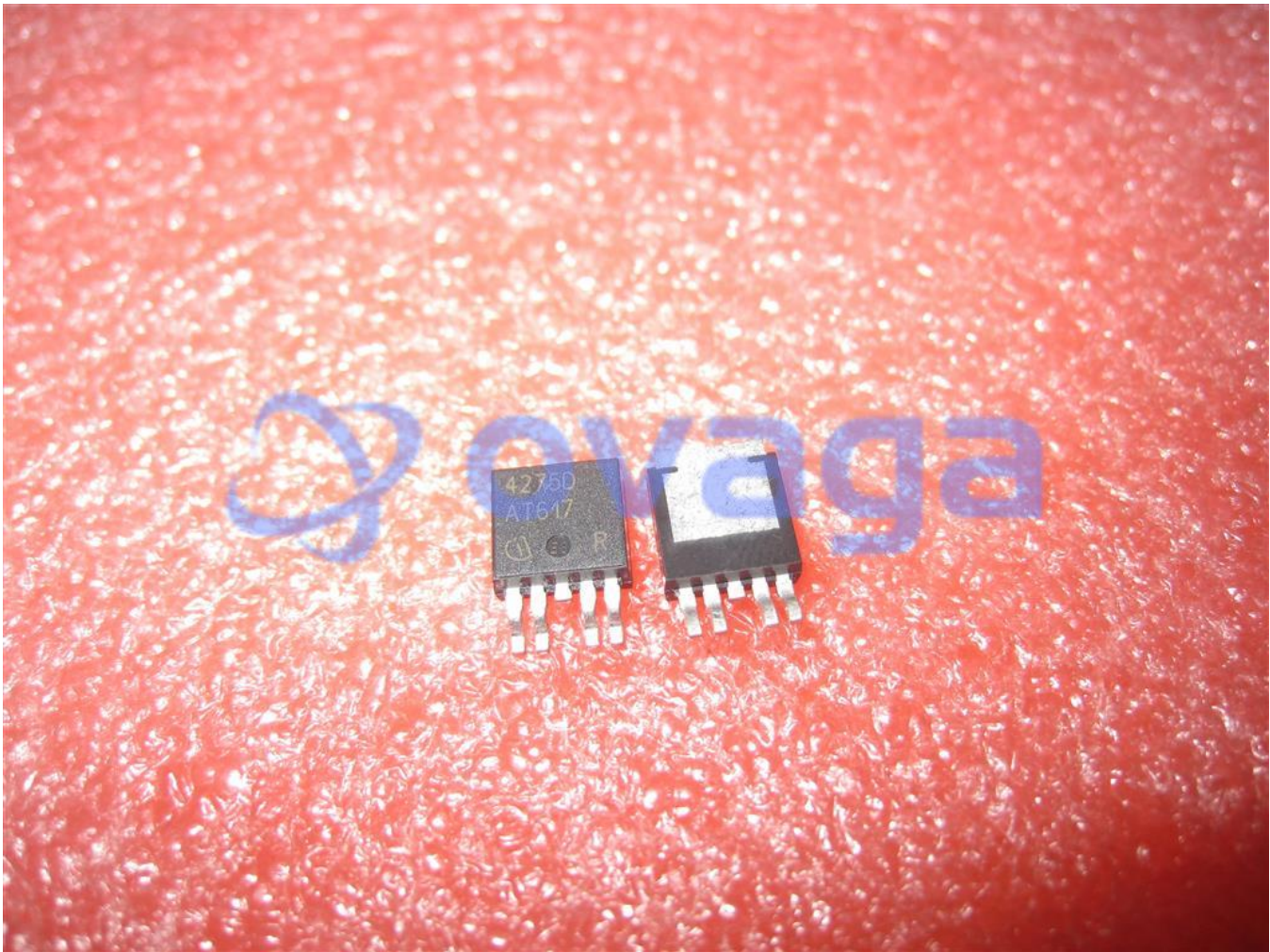
Application

Industrial control systems

Power management for battery-operated devices

Telecommunications equipment

Medical devices



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