

DC/DC Switching Controllers Step-Dwn DC/DC CTRLR

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



Images are for reference only

Please submit RFQ for TLE6389-2GV or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE6389-2GV is a high-side switch with integrated control circuitry for driving inductive loads such as DC motors, solenoids, and relays. It is manufactured by Infineon Technologies and is part of their PROFET™+ 24V family of high-side switches.

Features

Wide input voltage range from 4.5V to 40V

Maximum current handling capability of 6A

Overtemperature shutdown with auto-restart

Short-circuit protection with adjustable current limit

Diagnostic feedback through output state and fault pin

ESD protection up to 4kV HBM (human body model)

Application

Automotive applications such as heating, ventilation, and air conditioning (HVAC) systems, power windows, and mirrors

Industrial applications such as pumps, fans, and automated machinery

Consumer applications such as home appliances, power tools, 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



[TLE4271-2G](#)

Infineon Technologies Corporation
TO-263



[TLE7182EM](#)

Infineon Technologies Corporation
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[TLE6282G](#)

Infineon Technologies Corporation
SOP-20



[TLE4208G](#)

Infineon Technologies Corporation
SOP-28



[TLE8386-2EL](#)

Infineon Technologies Corporation
SOP-14