



Data Sheet

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

Manufacturers <u>Infineon Technologies Corporation</u>

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 We will contact you in 12 hours.

**RFO** 

# **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<sup>TM</sup>+ 24V family of high-side switches.

#### **Features**

## **Application**

Wide input voltage range from 4.5V to 40V Automotive applications such as heating, ventilation, and air conditioning (HVAC) systems, power

 $\mbox{windows, and mirrors} \\ \mbox{Maximum current handling capability of } 6A$ 

Industrial applications such as pumps, fans, and automated machinery

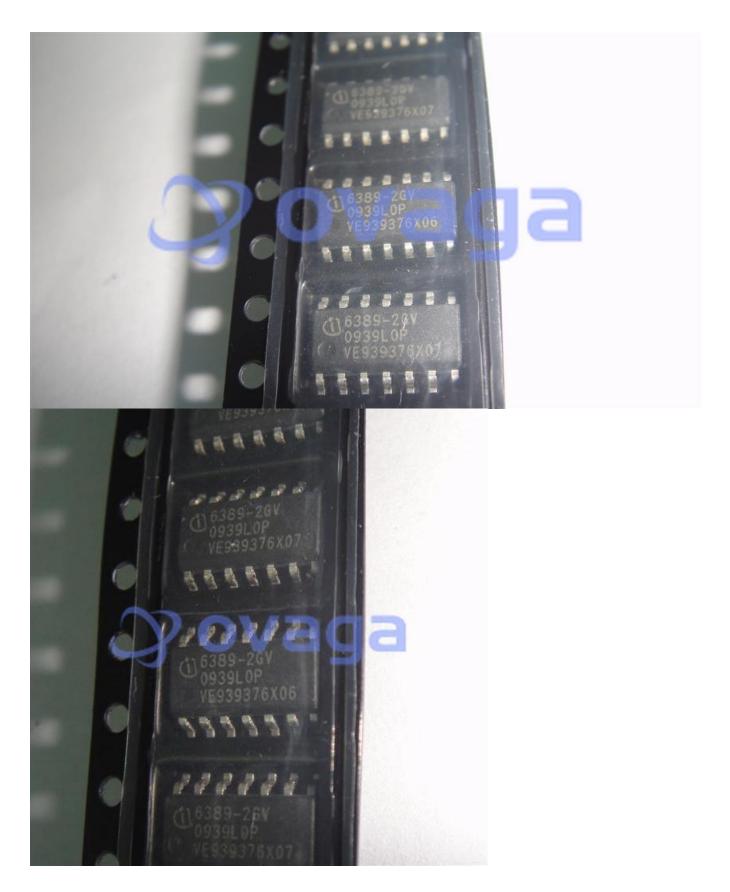
Overtemperature shutdown with auto-restart

Consumer applications such as home appliances, power tools, and gaming consoles

Short-circuit protection with adjustable current limit

Diagnostic feedback through output state and fault pin

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



## **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 SSOP24



**TLE6282G** 

Infineon Technologies Corporation SOP-20



**TLE4208G** 

Infineon Technologies Corporation SOP-28



**TLE8386-2EL** 

Infineon Technologies Corporation SOP-14