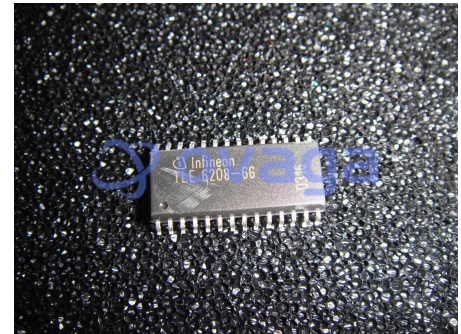


Output Current:600mA, Supply Voltage Min:8V, Supply Voltage Max:40V

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	SOP-28
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE6208-6G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

TLE6208-6G is a specific part number for a high-side switch integrated circuit (IC) that is commonly used in automotive applications. It is manufactured by Infineon Technologies, a leading semiconductor company.

### Features

**High-side switch:** It is designed to control loads connected to the positive supply voltage (high-side), making it suitable for switching high-current loads in automotive systems.

**Wide operating voltage range:** It can operate within a wide voltage range, typically from 4.5V to 40V, making it compatible with various automotive power supply systems.

**Current sensing:** It has built-in current sensing and diagnostic features that allow for overcurrent detection and protection.

**Short circuit protection:** It has built-in short circuit protection to safeguard the load and the IC itself from damage.

**Thermal protection:** It has built-in thermal protection to prevent overheating of the IC during operation.

### Application

**Automotive lighting:** It can be used to control various automotive lighting applications such as headlights, taillights, turn signals, and interior lighting.

**Motor control:** It can be used in motor control applications for automotive systems such as window lifters, wipers, fans, and pumps.

**Power distribution:** It can be used in power distribution systems in automotive applications to control high-current loads.

**Body electronics:** It can be used in body electronics applications such as door locks, seat controls, and mirror controls.



**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