

Output Current:5A, Supply Voltage Min:6V, Supply Voltage Max:40V

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	TO-263
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE5206-2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

TLE5206-2G is a dual H-bridge motor driver integrated circuit (IC) that is commonly used to control DC motors and other inductive loads. The TLE5206-2G is designed to provide a high level of integration and reliability for automotive applications, but it can also be used in other industrial and consumer products.

### Features

Dual full-bridge driver with integrated power MOSFETs

Operating voltage range: 5.5V to 40V

Output current: up to 5A per channel (10A peak)

Overtemperature and overcurrent protection

Input PWM frequency: up to 25kHz

Low standby current consumption

High ESD immunity

### Application

Automotive powertrain systems, such as engine cooling fans, power steering systems, and fuel pumps

Electric power tools, such as drills and saws

Industrial automation equipment, such as conveyor systems and material handling equipment

Robotics and drones

Home automation and consumer electronics, such as smart appliances and HVAC systems



**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