



Data Sheet

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

Manufacturers <u>Infineon Technologies Corporation</u>

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 We will contact you in 12 hours.

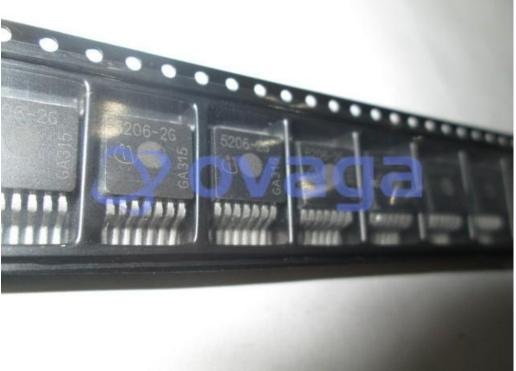
**RFO** 

## **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	Application
Dual full-bridge driver with integrated power MOSFETs	Automotive powertrain systems, such as engine cooling fans, power steering systems, and fuel pumps
Operating voltage range: 5.5V to 40V	Electric power tools, such as drills and saws
Output current: up to 5A per channel (10A peak)	Industrial automation equipment, such as conveyor systems and material handling equipment
Overtemperature and overcurrent protection	Robotics and drones
Input PWM frequency: up to 25kHz	Home automation and consumer electronics, such as smart appliances and HVAC systems
Low standby current consumption	
High ESD immunity	





## **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



**TLE7182EM** 

Infineon Technologies Corporation SSOP24



**TLE4208G** 

Infineon Technologies Corporation SOP-28



**TLE8386-2EL** 

Infineon Technologies Corporation SOP-14