

## IC MOTOR DRIVER PAR

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	TO-263-7
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE5205-2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

TLE5205-2G is a dual H-bridge motor driver IC (integrated circuit) that is commonly used to drive small to medium-sized DC motors in various applications. Here are some features of the TLE5205-2G:

### Features

Dual H-bridge motor driver: can control two DC motors or one stepper motor.

Operating voltage range: 5.5V to 40V.

Continuous output current per channel: up to 3.5A.

Peak output current per channel: up to 7A.

Internal overcurrent protection.

Thermal shutdown protection.

Cross-conduction protection.

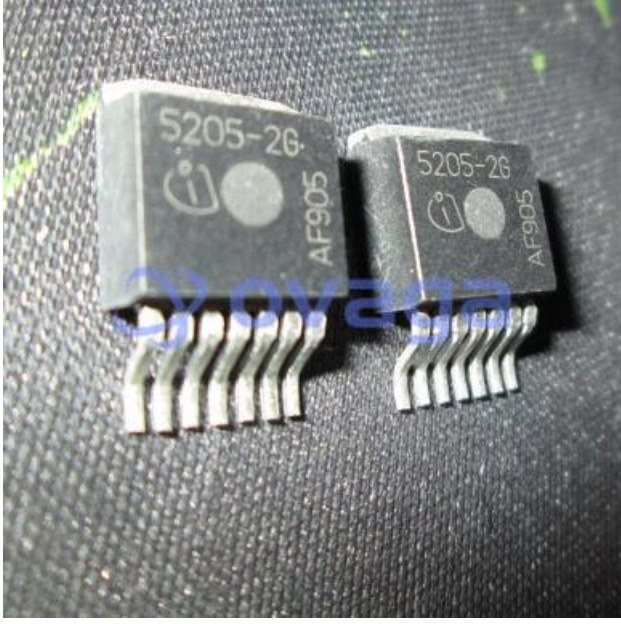
### Application

Robotics: used to control motors in robots such as robotic arms, mobile robots, and drones.

Automotive: used to control motors in automotive applications such as power windows, sunroofs, and seat adjustments.

Industrial automation: used in various industrial automation applications such as conveyor systems, packaging machines, and CNC machines.

Consumer electronics: used in consumer electronics products such as printers, scanners, and cameras.



**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](#)

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SOP-28



[TLE7182EM](#)

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SSOP24



[TLE8386-2EL](#)

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SOP-14