

Motor / Motion / Ignition Controllers & Drivers 5-A H-Bridge DC Motor Applications



Images are for reference only

Manufacturers	Infineon Technologies Corporation
Package/Case	PG-DSO-20
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	

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

[RFQ](#)

General Description

TLE5206-2GP is a dual-channel, high-current, power MOSFET driver IC designed for automotive applications such as powertrain control, body control, and chassis control systems. It is manufactured by Infineon Technologies AG.

Features

Dual half-bridge driver IC with two N-channel power MOSFETs per channel

Maximum supply voltage of 41V

Peak output current of 10A per channel

Thermal shutdown and overvoltage protection

Under-voltage lockout (UVLO) for each channel

3.3V and 5V compatible inputs

Wide operating temperature range (-40°C to 150°C)

Application

DC motor control for automotive applications such as power windows, sunroofs, and wiper systems

Solenoid control for applications such as door locks and seat adjusters

LED lighting control for automotive interior and exterior lighting

General purpose switching applications in automotive systems



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