



Image 1: DC Motor Drive

- Maximum current: 20 A
- Switching frequency: 20 kHz
- High-side or Low-side operation

General

The DC Motor Driver is a product designed to drive motors and control power to actuators. It is possible to use a PWM to control DC motors. Example: Fuel pump, electric fan, etc. It is recommended for applications up to 20 amps. It has an internally push-pull connection, ie the output is never open, is connected to 12V or is grounded

Technical Specifications

Electrical characteristics

Supply voltage: 8 – 15 V

Maximum output current: 20 A

Maximum switching frequency: 20 kHz

Minimum of 3 to 5% duty cycle on low-side operation

Maximum 95 to 97% duty cycle on high-side operation

Mechanical characteristics

Temperature range: -20 up to 90 °C

Dimensions: 15 x 25 x 45 mm

Weight: 80g

Wire length:

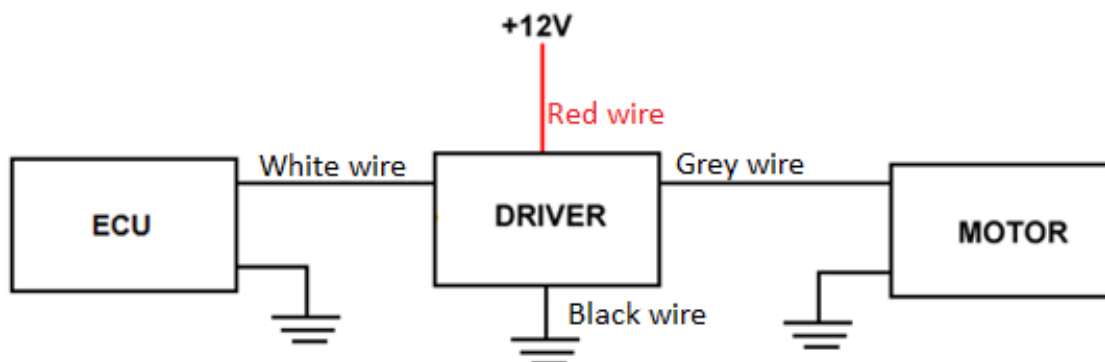
Pinout

Pin	Function
Black	GND
Red	12 V
Grey	OUT_POWER
Wgite	INPUT

DC Motor Drive

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Wiring diagram – High side



Wiring diagram – Low side

