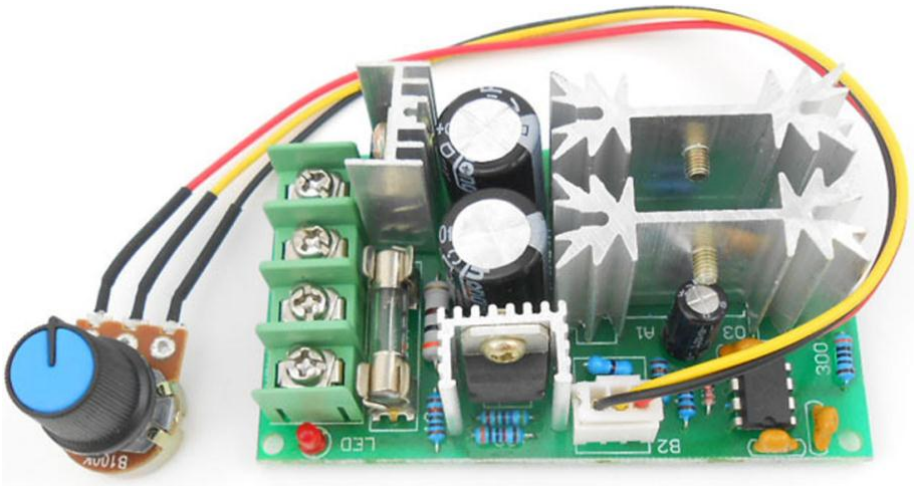
20A 12~60V DC Motor Speed Controller

This PWM (Pulse-Width-Modulation) DC Motor Speed Controller allows controlling the speed of a DC motor. This motor speed controller use efficient high power MOSFET with a heat sink and can easily provide a continuous operating current of 20A to DC brush motor, LED dimming control or other DC load.



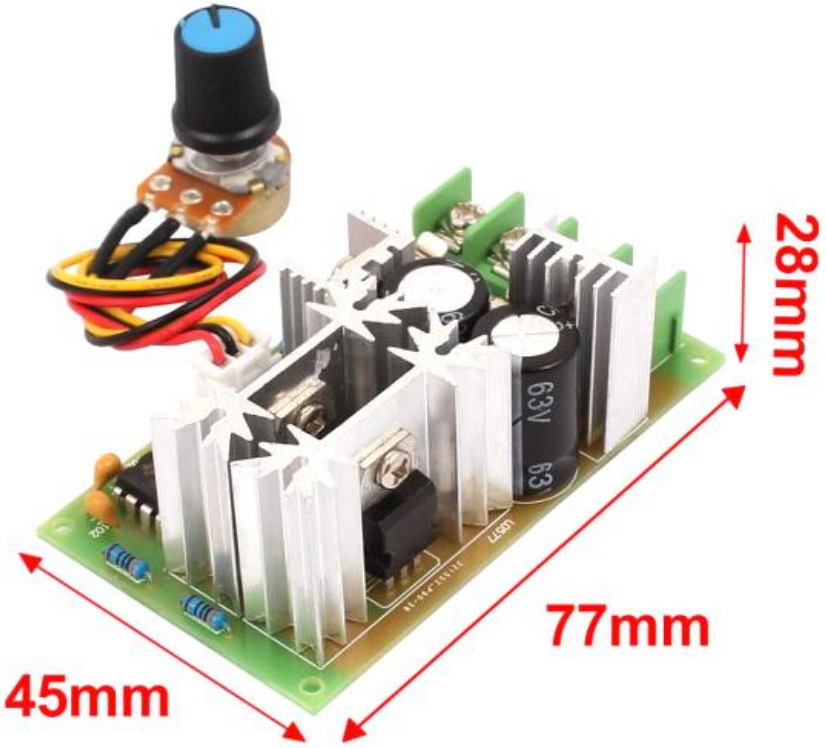
SKU: DRV1003

Brief Data:

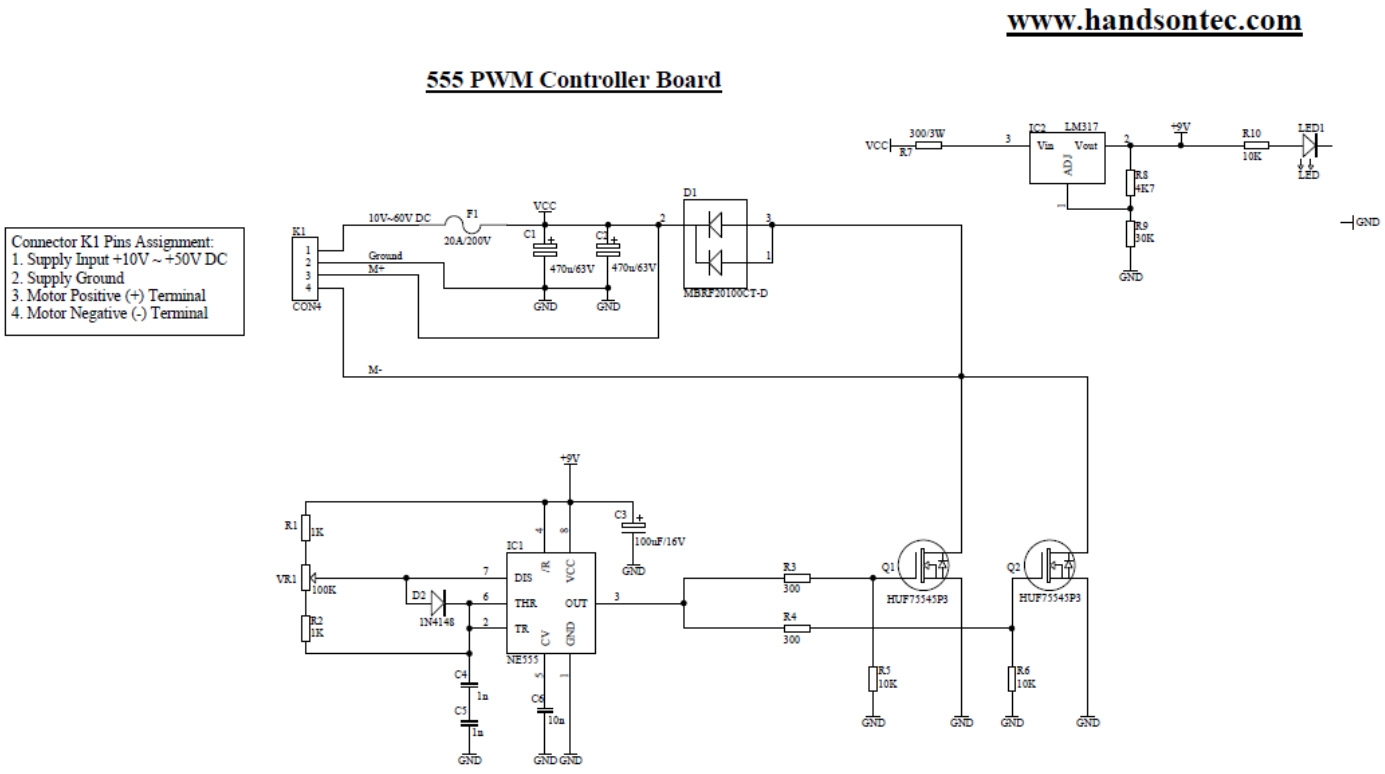
- Operating Voltage: DC 12V~60V.
- Output Current: 0 to 20A.
- Switching Frequency: 25KHz.
- Continuous power: Max 1200W.
- Speed range: Motor stop to full speed.
- Maximum current: Up to 20A with fan.
- Size: 77(L)x45(W)x28(H) mm.
- Weight: 73g.

Mechanical Dimension:

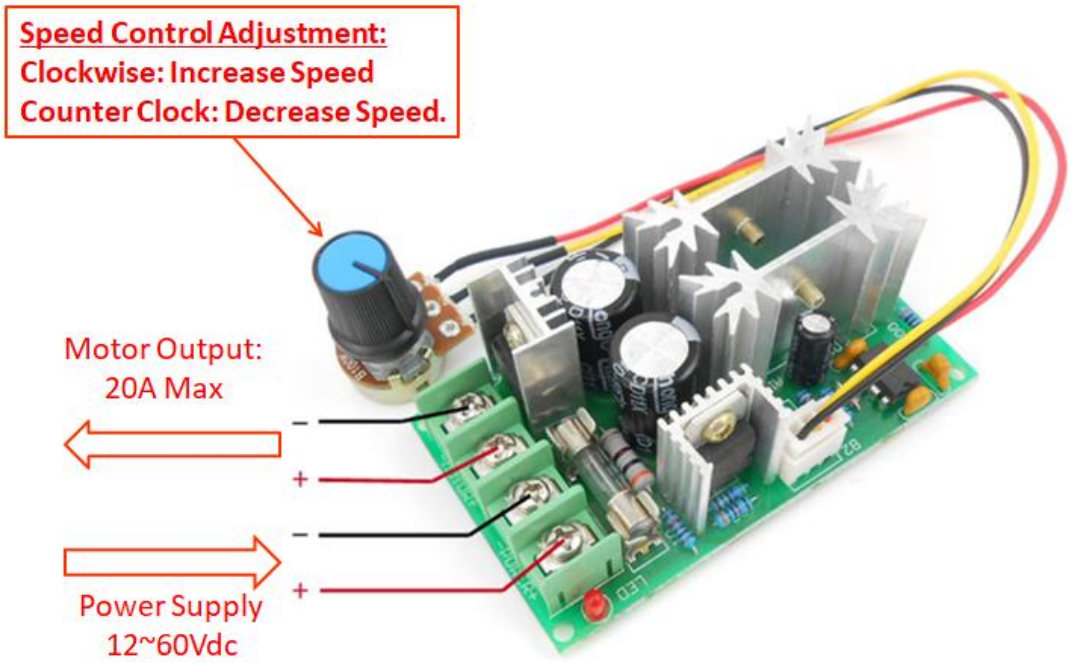
Unit: mm



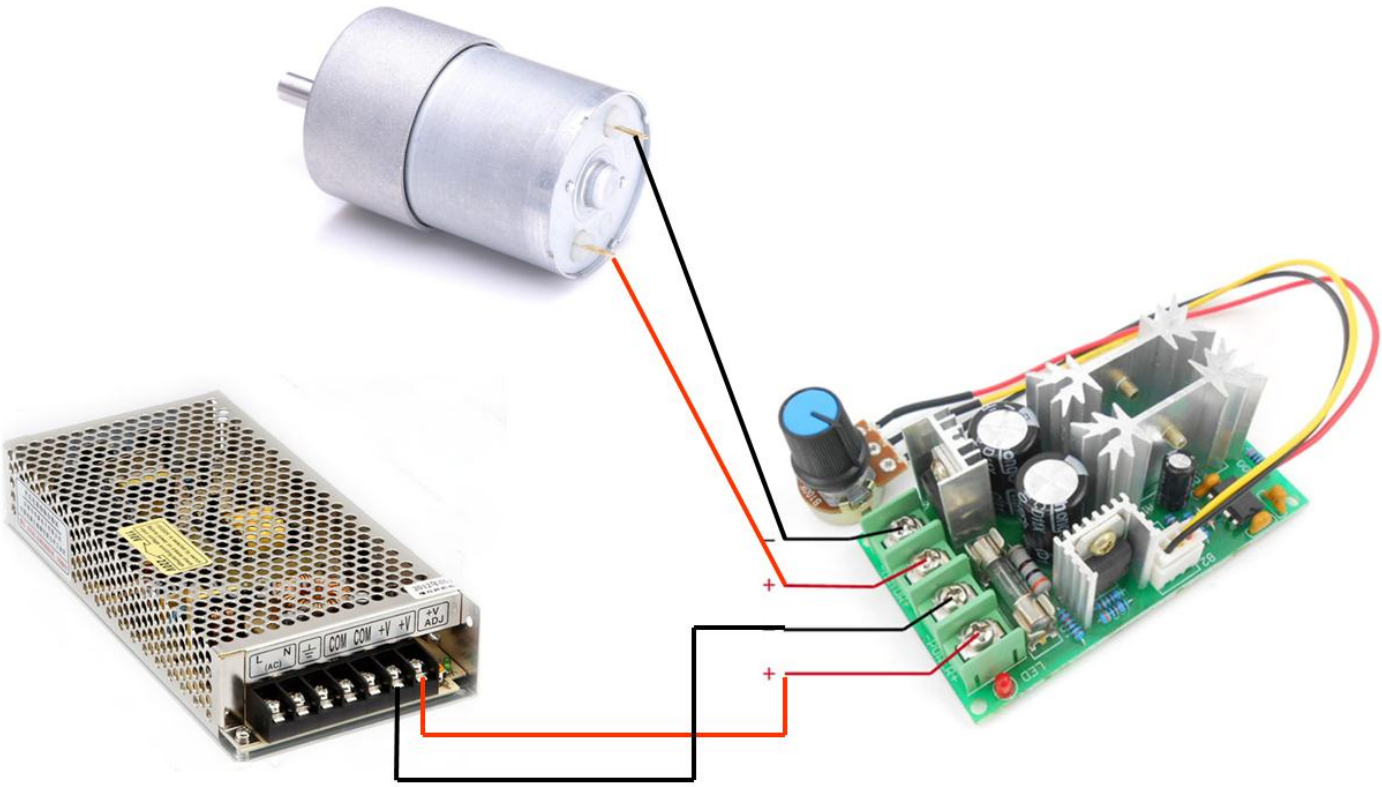
Module Schematic:



Functional Block Diagram:



Application Example:



Web Resources:

- SMPS Power Supply Module
- 775 Ball Bearing DC Motor
- A58SW-555 Worm Gear Motor
- JGB37-3530 Metal Gear Motor
- Motor Bracket

HandsOn Technology provides a multimedia and interactive platform for everyone interested in electronics. From beginner to diehard, from student to lecturer. Information, education, inspiration and entertainment. Analog and digital, practical and theoretical; software and hardware.

Hands*On* Technology support Open Source Hardware (OSHW) Development Platform.

Learn : Design : Share

handsontec.com

The Face behind our product quality…

In a world of constant change and continuous technological development, a new or replacement product is never far away – and they all need to be tested.
Many vendors simply import and sell wihtout checks and this cannot be the ultimate interests of anyone, particularly the customer. Every part sell on Handsotec is fully tested. So when buying from Handsontec products range, you can be confident you're getting outstanding quality and value.

We keep adding the new parts so that you can get rolling on your next project.

Breakout Boards & Modules

Connectors

Electro-Mechanical Parts

Engineering Material

Mechanical Hardware

Electronics Components

Power Supply

Arduino Board & Shield

Tools & Accessory