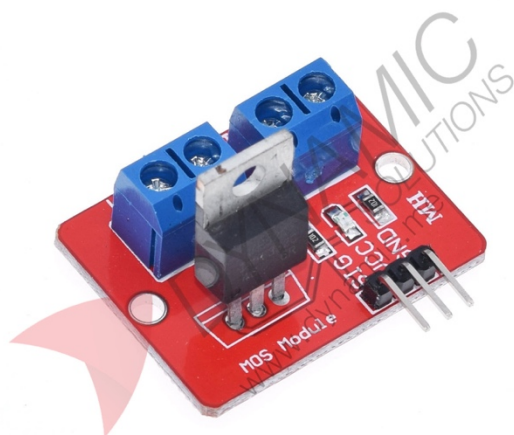


IRF520 MOSFET Driver Module



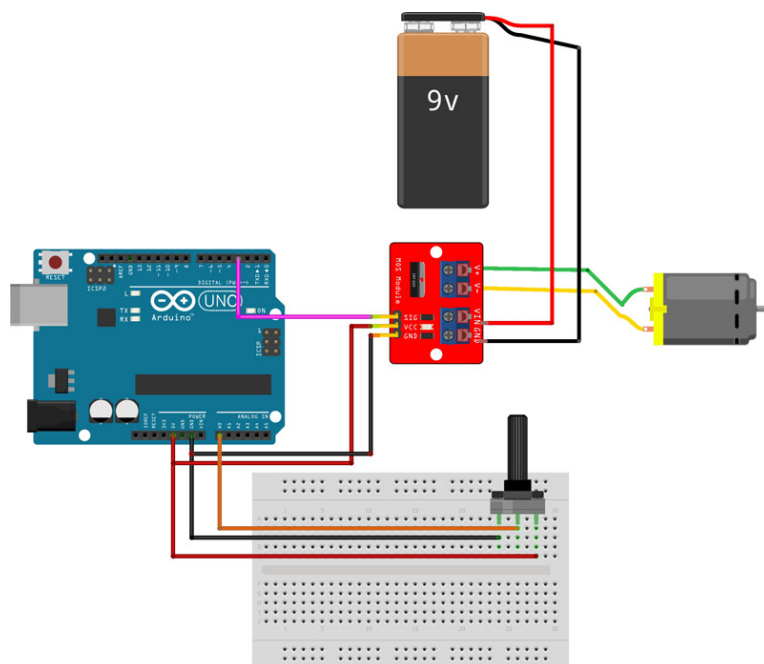
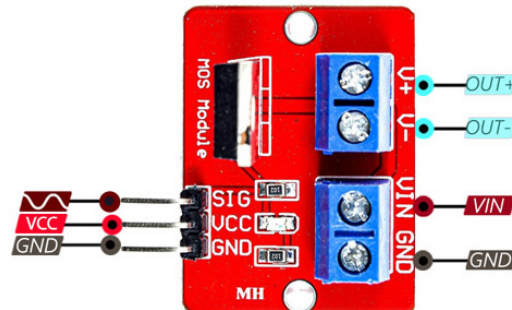
Features:

The IRF520 MOSFET driver module is a breakout board designed to switch DC loads through PWM signals from microcontrollers like Arduino or Raspberry Pi. With support for load voltages up to 24V and currents up to 5A (with heatsink), it's suitable for motors, LEDs, solenoids, and small pumps. The module includes screw terminals for power and load connections, a 3-pin signal header, and a visual LED indicator for ON/OFF state feedback. It simplifies high-current switching while ensuring easy integration in robotics, automation, and control applications.

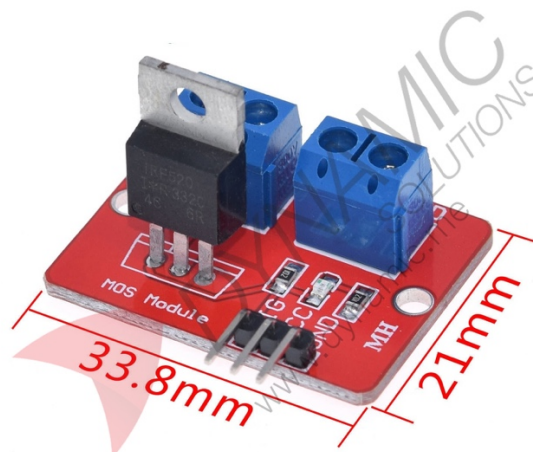
Specifications	
Input Voltage	3.3V / 5V
Output Load Voltage	0–24V
Max Load Current	<5A
Required Heatsink	Yes (for current >1A)
Signal Control	PWM (SIG pin)
Compatible Platforms	Arduino, Raspberry Pi, ARM
MOSFET Type	IRF520
Onboard Indicator	LED (load ON status)
Board Type	Breakout board
Interface	Screw terminals + 3-pin header
Application	DC motors, LEDs, solenoids

Pinouts:

Pin Name	Type	Description
VCC	Power	3.3V or 5V input from controller
GND	Power	Ground connection
SIG	Input	PWM signal input for switching



Product Dimensions:



Product Pictures:

