

Mosfet

This module switches a high current load using a high power transistor. Unlike a mechanical relay, this is capable of high speed switching for use with PWM.

Input: This module lets you control devices operating at a maximum of 24VDC with an Arduino pin. To wire the module, connect the power supply for your device (max 24 V) to the V+ and GND terminals. Connect the device to M+ and M-. Be aware of your circuit's polarity, you could damage your components if it is not wired correctly.

Module Description: This module features an IRF520 power MOSFET transistor, a kick-back diode, a standard TinkerKit 3pin connector, a signal amplifier, a green LED that signals that the module is correctly powered and one yellow LED whose brightness depends on the input signal received by the module.

This module is a **ACTUATOR**. The connector is an **INPUT** that must be connected to an **OUTPUT** on the **TinkerKit Shield**.

