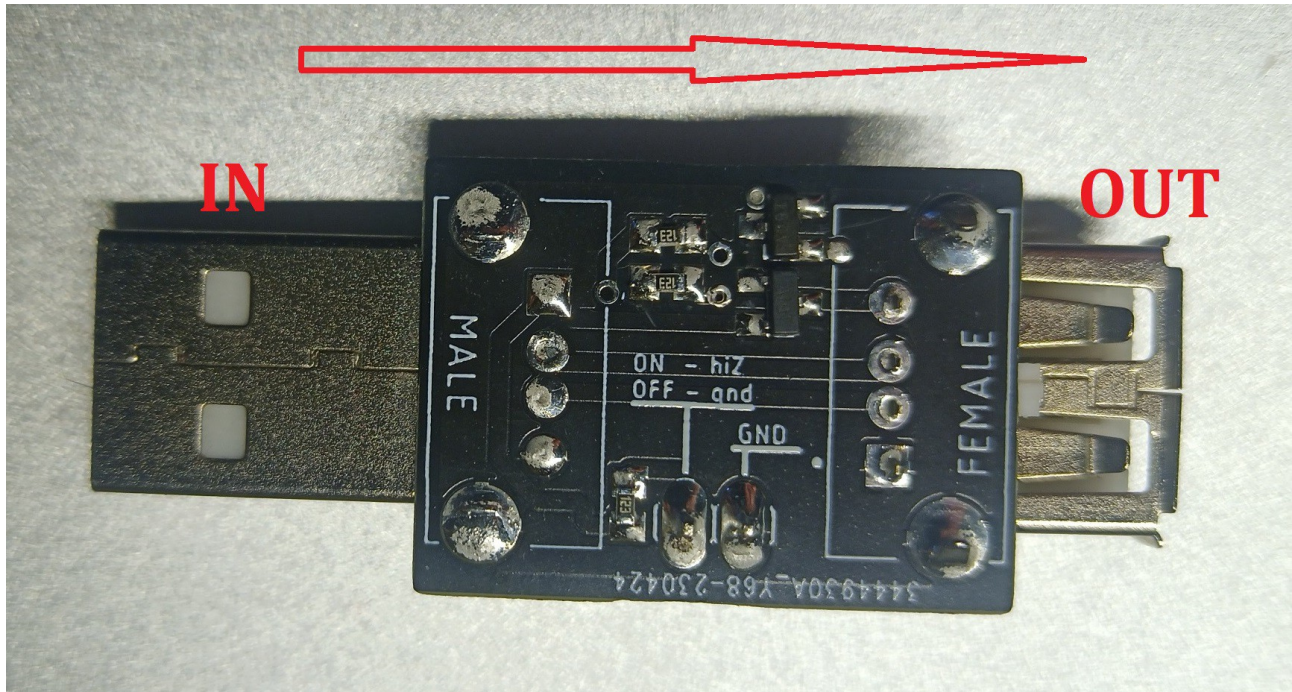


## Raging USB Power Control Module



### Top level specs

Single Direction control. Inverse direction is always on.

CMOS/TTL control compatible.

Both Push-Pull and Open drain control compatible.

Up to 3A capability.

Ultra low drop – ON resistance of 75mohm or less.

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## Notes and warnings

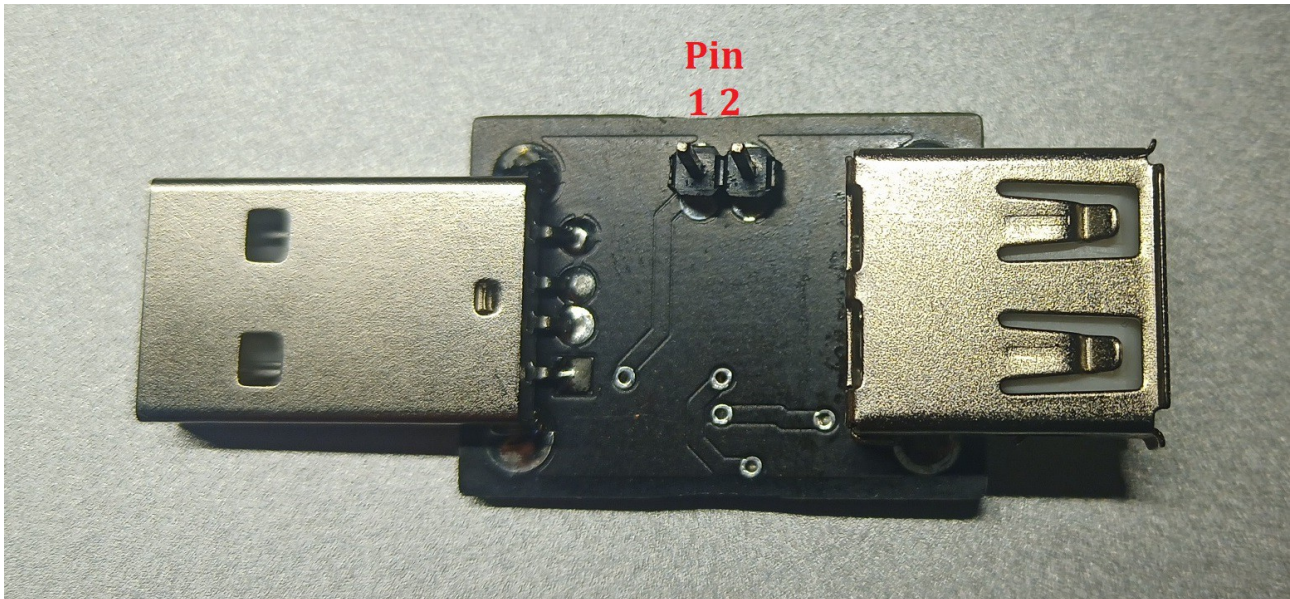
**!!!ATTENTION!!!**

**Do not power the device with more than 7V.**

**Do no invert polarity. (This device uses Mosfets not relays.)**



## Device interface



## PIN MAP

### Connector

This connector provides the power control.

Pinout:

- 1 – Control Pin
- 2 – GND

## WORK

The device power control can only be done when the device is powered from the input to the the output. If the power flow is done in the reverse direction, the device is always on.

This is a protection created by a flywheel diode, agains possible power spikes from inductive loads.

### ***Power control performed in an input to output flow manner***

When Pin 1 is set between 3.3V and 5V, or left in High Impedance, the power is connected to the output.

When Pin 1 is set between 0V and 0.2V, the output power driving is disconnected.