TODO: Resistor ???< 200 ohms according to spechttps://electronics.stackexchange.com/questions/123172/what-is-the-ideal-way-

Vusb

Vusb

J1

12V

GND

GND

5V

0015244449

GND

TODO: Add SATA power connector

R2
5M

R1
100

Maybe use a zero ohm here

R3
5M

J3

1
2
3
4

D-
D+

MH_GND
MH_GND
1734366-1

GND
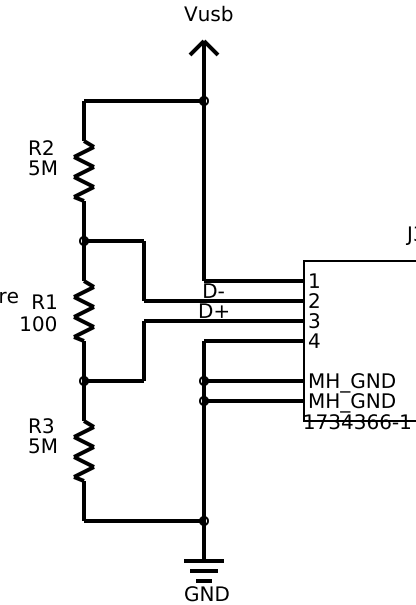
TODO: Should I connect the screw holes to ground? - https://superuser.com/questions/1138512/what-exactly-is-grounded-through-motherboard-standoffs

Screw holes matching those on a ATX motherboard. So the board can be secured to a motherboard standoff or cable-tied to the caseSee https://en.wikipedia.org/wiki/Computer_case_screws#Motherboard

Mounting hole ##6-32 UNC

Mounting hole ##6-32 UNC

M1

M2

GND

GND