

Bill of Materials		
Part	number	status
ESP8266-12E/F module Wemos R1-D1	1	I am keeping one from the lab
Battery 18650 3.7V	1	N/A
TP4056 battery charger	1	N/A
MP1584EN buck converter	2	N/A
ADS1115 adc 16bits I2C module	2	N/A
LM324 DIP for amplification to 6.144V	2	N/A
MT3608 step up converter 2-24V	1	N/A
MPU6500	1	N/A
DPST switch	2	N/A
Battery 18650 3.7V holder	1	N/A
some capacitor for smoothing voltage surge		I think I can find some in the Lab
Resistor in range 1k-100k		I think I can find some in the Lab
Wires/ test board		I have these at my dorm
Saw for cutting test board		I think I can find one in the Lab