

Steampunk Clock (c) Christine Thompson 2019

3W Stereo Amp PAM8403

Ariel

BME280 Sensor

20X4 LCD display

24V Supply DC-DC Step Up

IV-11 24V anode Top Tube Set

24V Supply DC-DC Step Up

IV-11 24V anode Bottom Tube Set

RTC Clock

SCA

1.5V Supply DC-DC Step Down

IV-11 1.5V heater

AM/FM Stereo Radio

Frequency

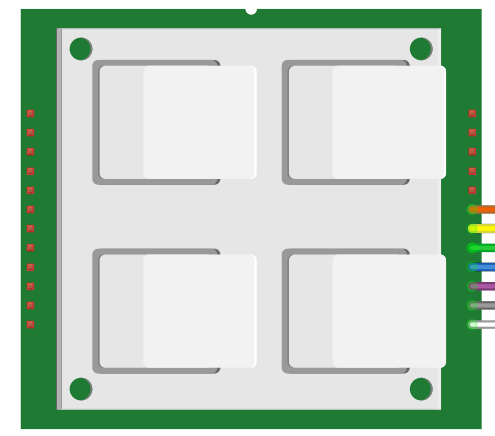
5V

5V Supply DC-DC Step Down

Slave Mega Power

Master Mega Power

Green - Ground
Purple - Left Channel
Yellow - Right Channel
1M ohm resistor in series with each channel.



GRD to GRD for Master/Slave comms

12 keypad

SCL(21) / SCA(20) - I2C comms

12V 1A Power Adapter

Yellow - CLK
Green - Load
Blue - DIN #1

Yellow - CLK
Green - Load
Blue - DIN #2