

12V 1A power adapter

MP3-TF-16P player

4 Ohm 5W speaker

22 ohm resistor

7 Segment Clock V1 - (c) Christine Thompson 2019

DC Step Down 12V - 5V

BME280 Sensor

SCL / SDA Distribution Board

WEMOS D1 R2 (UNO used as Fritzing does not have a version of the WEMOS D1 R2 board)

Clock, Data, and Latch lines to Shift and Octal Registers

16X2 line LCD Screen using IC2 communications

12V

5V

5V Power Shift and Octal register

Light Detecting Resistor 22 ohm resistor

RTC Clock DS3231

DC Step Down 12V - 5V

