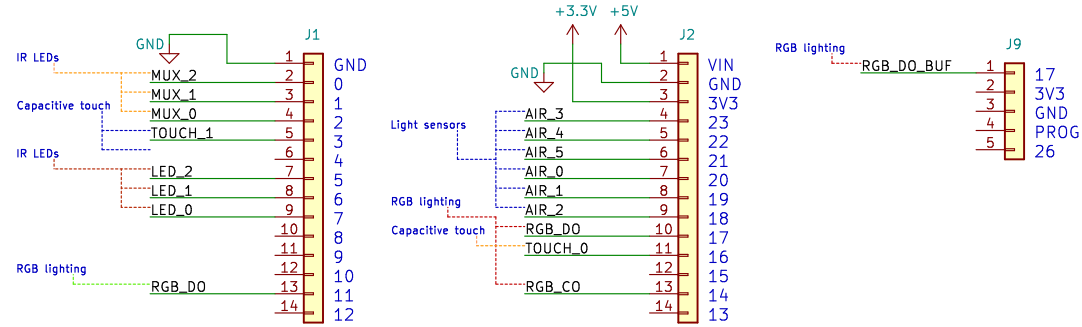
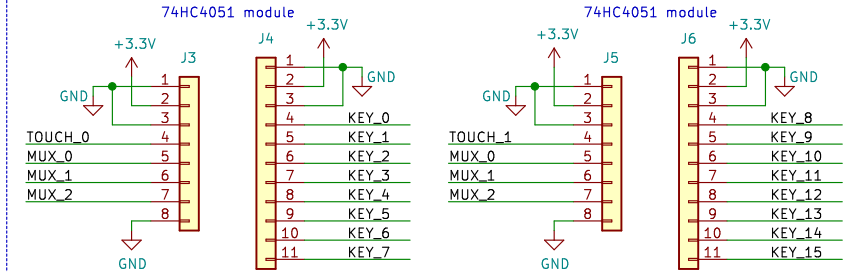


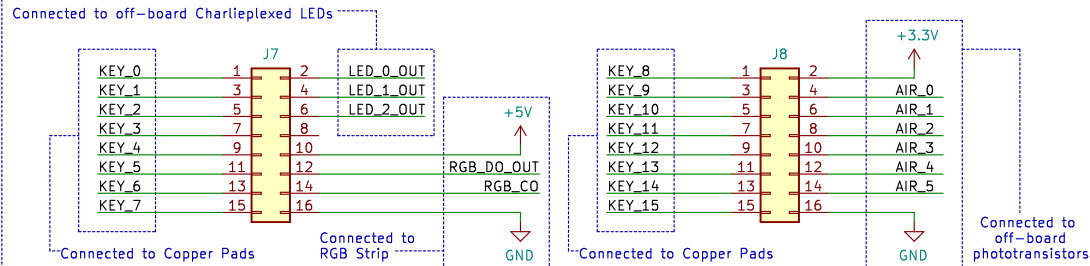
## Teensy LC Headers



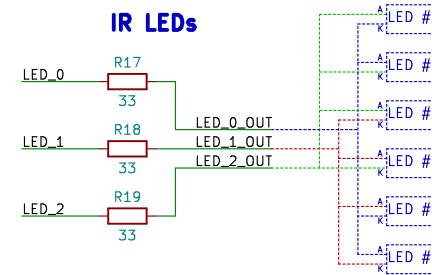
## Capacitive Touch Sensing



## External Pin Headers

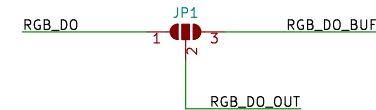


## IR LEDs

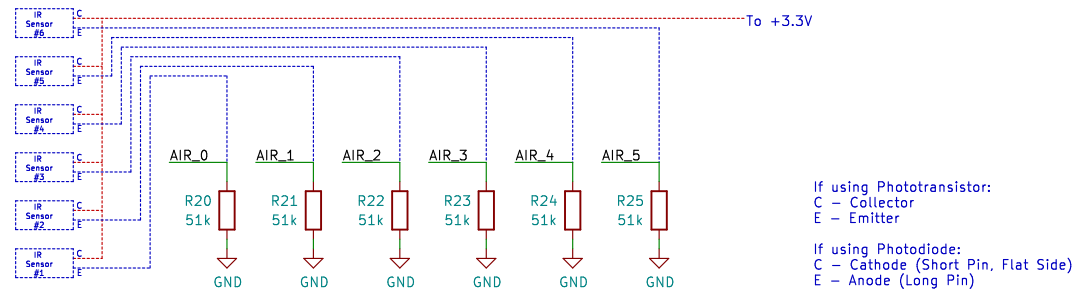


A – Anode (Long Pin)  
K – Cathode (Short Pin, Flat Side)

## RGB Power Selection



## IR Sensors



If using Phototransistor:  
C – Collector  
E – Emitter

If using Photodiode:  
C – Cathode (Short Pin, Flat Side)  
E – Anode (Long Pin)

# OpeNITHM (Teensy Variant)

Design by VeroxZik based on work by WinEpic and mickabrig7

Sheet: /

File: OpeNITHM.sch

**Title:** OpeNITHM controller board

Size: A4 Date: 2020/02/16

KiCad E.D.A. kicad (5.1.5)–3

**Rev:** 2

Id: 1/1