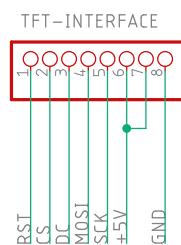


MICROCONTROLLER



TFT DISPLAY INTERFACE

MICROCONTROLLER

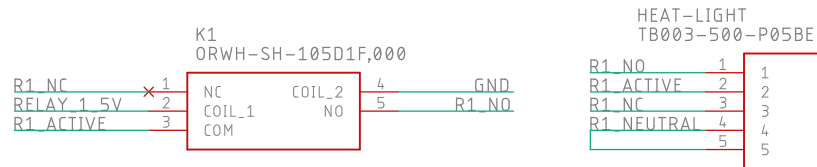
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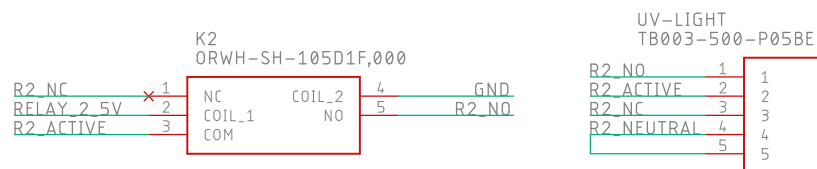
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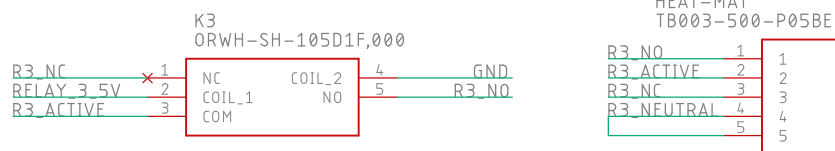
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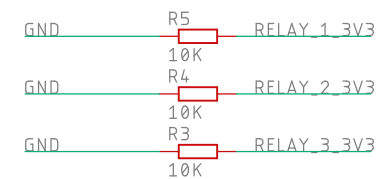
HEAT LIGHT 240VAC



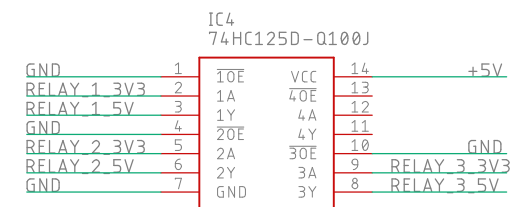
UV LIGHT 240VAC



HEAT MAT 240VAC



PULL-DOWN RESISTORS



LOGIC LEVEL TRANSLATOR

MAINS RELAYS

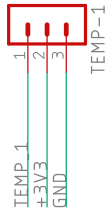
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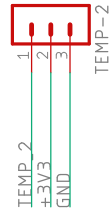
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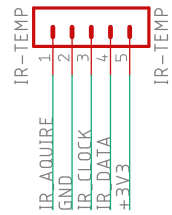
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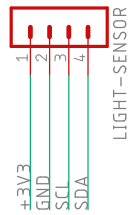
Temperature and Humidity 1



Temperature and Humidity 2



Infrared Temperature Sensor



Light Spectrum Sensor

SENSOR CONNECTORS

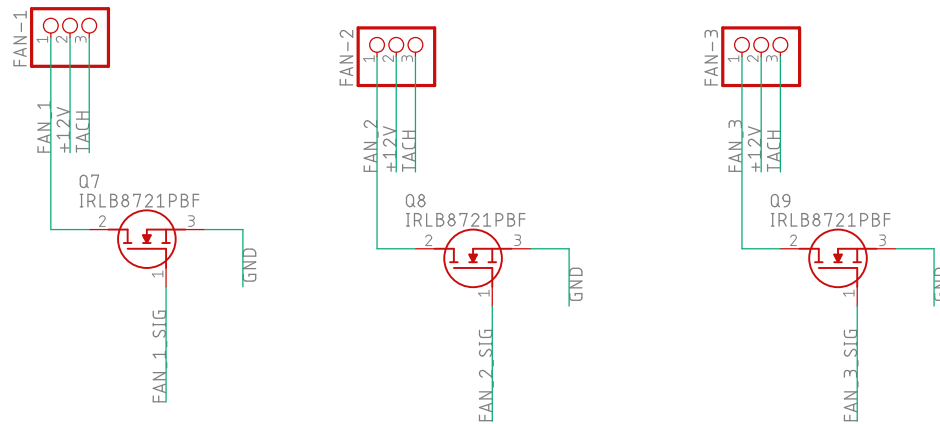
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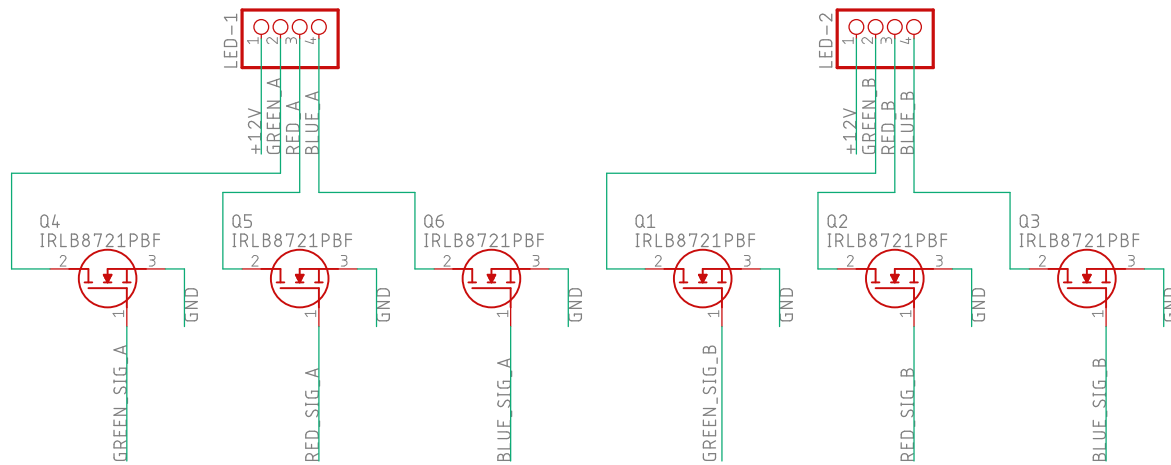
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Sheet: 3/5



FAN HEADER



LED HEADER

COOLING AND LIGHTING

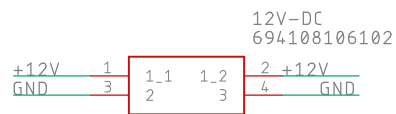
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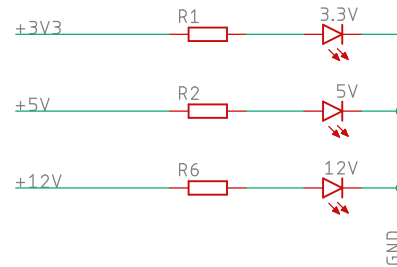
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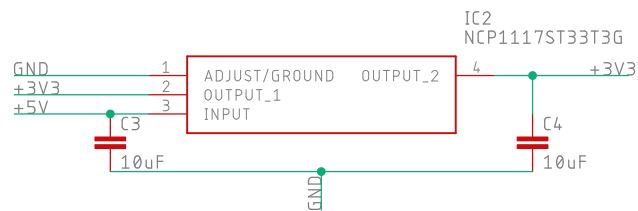
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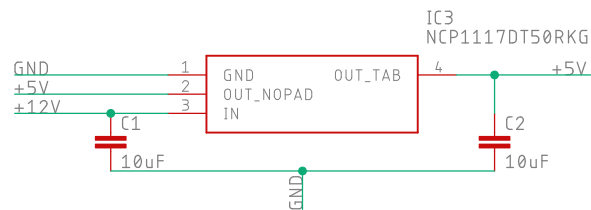
POWER INPUT CONNECTOR



POWER INDICATOR LEDS



+3.3v POWER RAIL



+5v POWER RAIL

POWER DELIVERY

TITLE: Task10-1D

Document Number:

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Date: 7/05/2021 8:52 AM

Sheet: 5/5