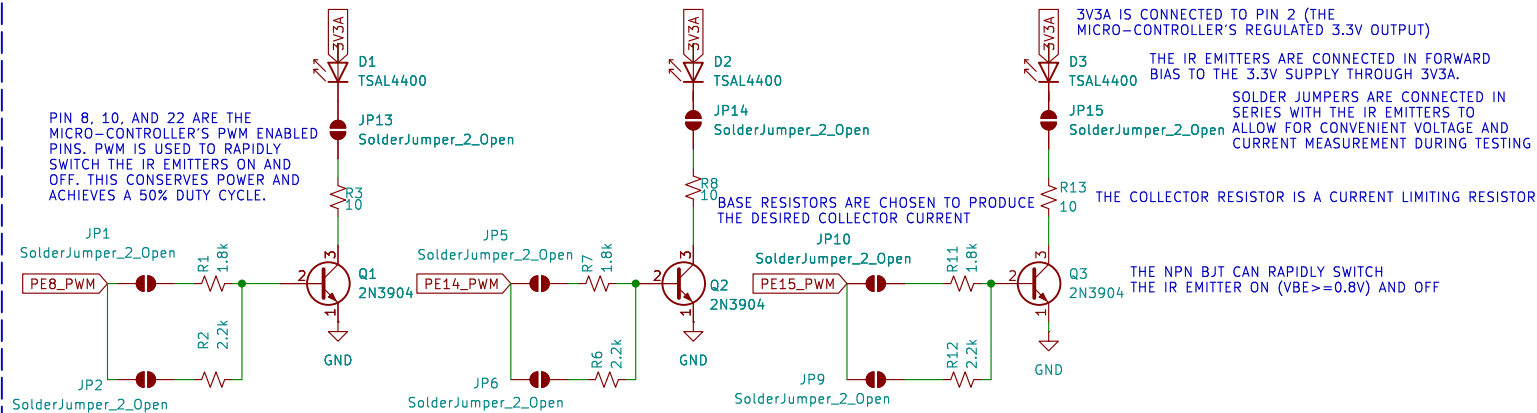


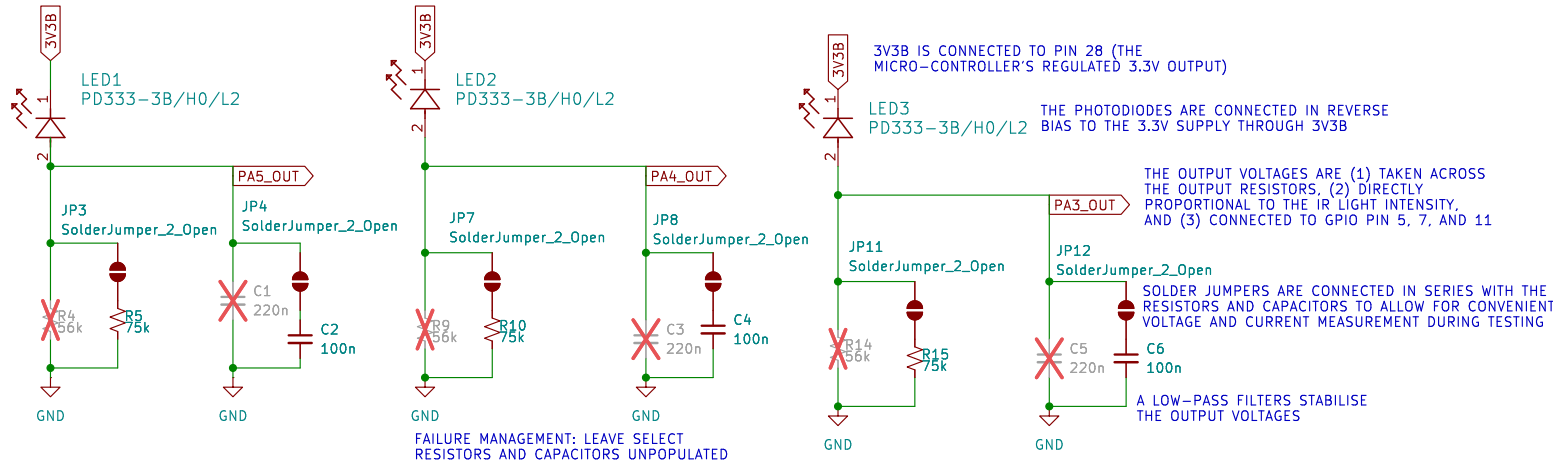
IR EMITTER SUBCIRCUITS

THE IR EMITTER SUBCIRCUITS PRODUCE IR LIGHT WHICH DIRECTLY IMPACTS THE IR DETECTOR SUBCIRCUITS.



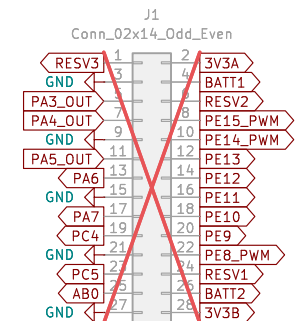
IR DETECTOR SUBCIRCUITS

THE IR DETECTOR RESPOND TO CHANGES IN IR LIGHT INTENSITY. IR LIGHT INTENSITY AND OUTPUT VOLTAGES ARE DIRECTLY PROPORTIONAL. THESE OUTPUT SIGNALS COMMUNICATE WITH THE MICRO-CONTROLLER AND CONTROL THE MICRO-MOUSE'S NAVIGATION THROUGH THE MAZE.



MICRO-CONTROLLER CONNECTOR

THE CONNECTOR IS USED TO INTERFACE WITH THE MICRO-CONTROLLER AND CONNECTED TO VARIOUS POINTS IN THE CIRCUIT.



CONNECTOR IS LEFT UNPOPULATED

Heinrich Crous
University of Cape Town

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Title: EEE3088F Micro-Mouse Project: Sensing Subsystem

Size: A4
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