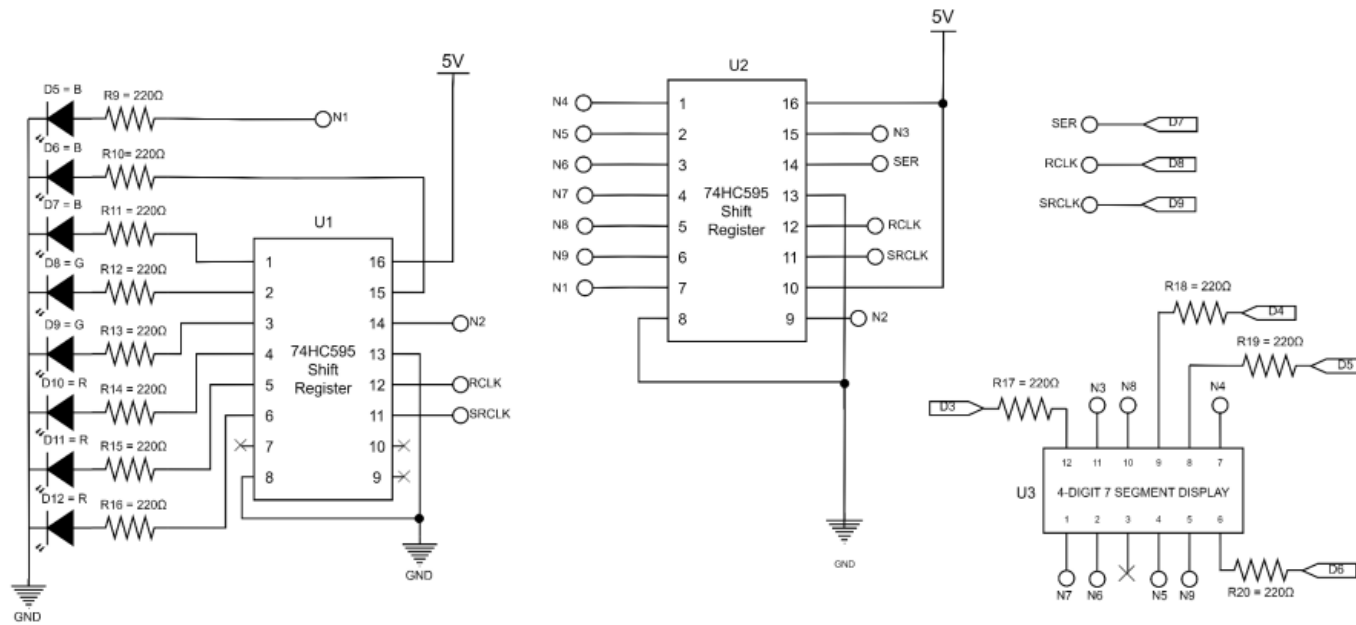


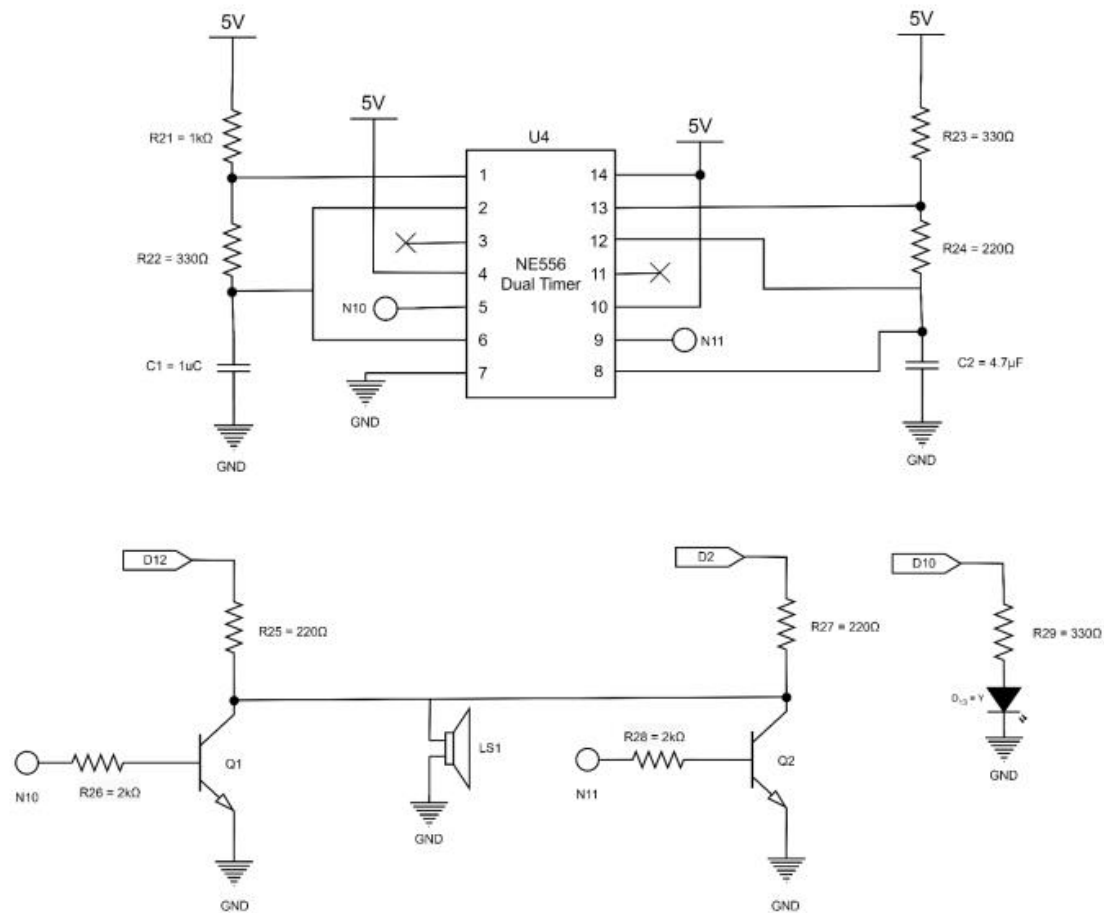
Sheet 1 - Thermistor + LED Circuit

2 thermistors and 4 LEDs



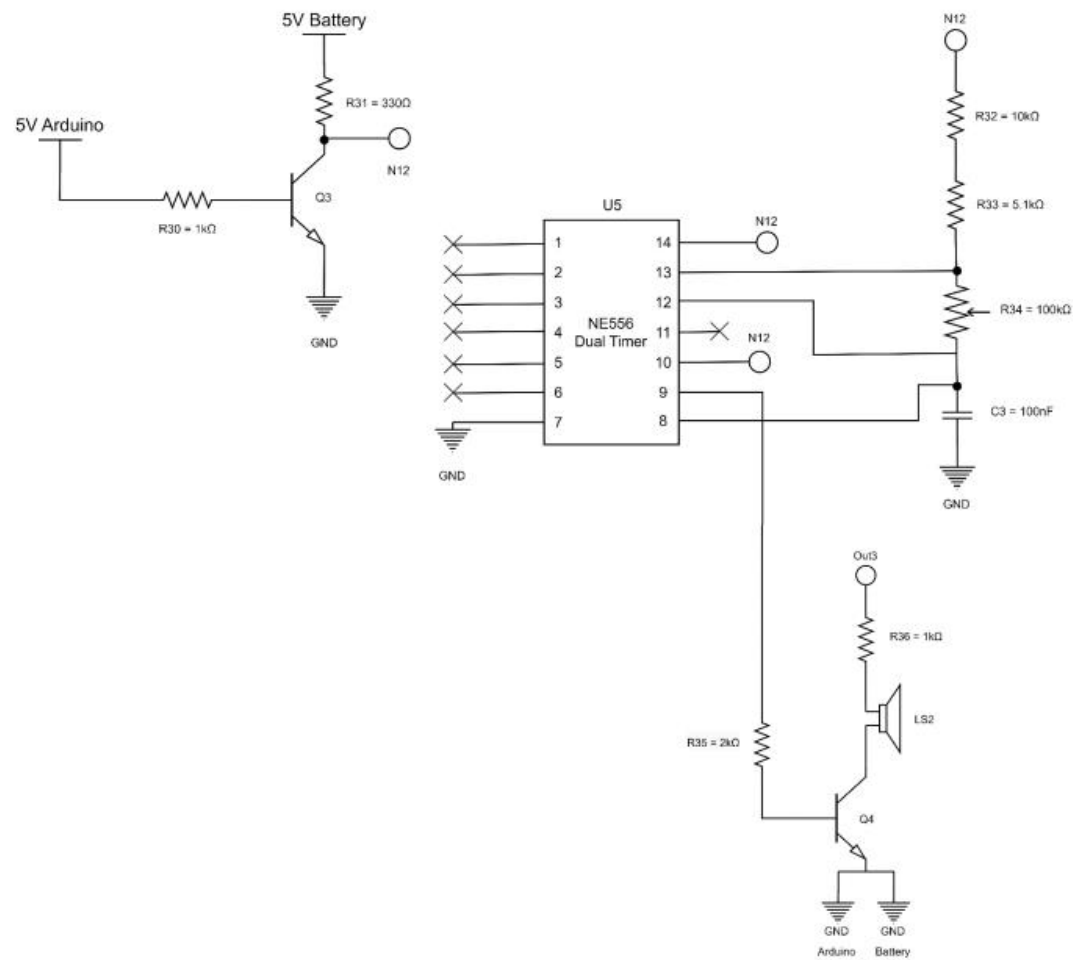
Sheet 2 – Shift Registers Circuit

2 integrated shift registers involving the 8 thermometer LEDs and the 7-segment display



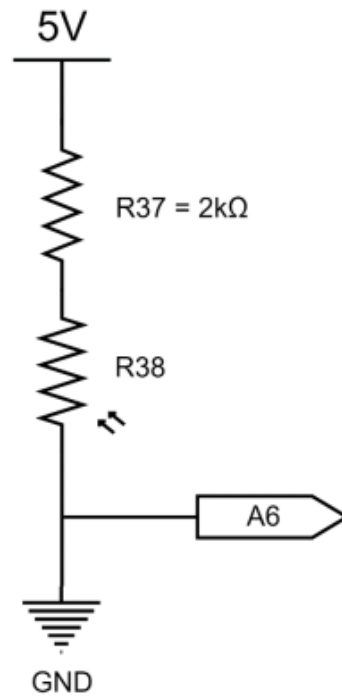
Sheet 3 – Temperature Aler Buzzer Circuit

Rapid increasing change in temperature results in approximately 850Hz and 25% low duty cycle. Decreasing change results in approximately 400Hz at a 40% low duty cycle



Sheet 4 – Failure Alert System Circuit

Results in the passive buzzer outputting a moderate tone (audible but not loud) that ranges from approximately 100hz - 900hz (approximate due the materials used not being precise)



Sheet 5 - LDR Circuit

Integrated LDR
