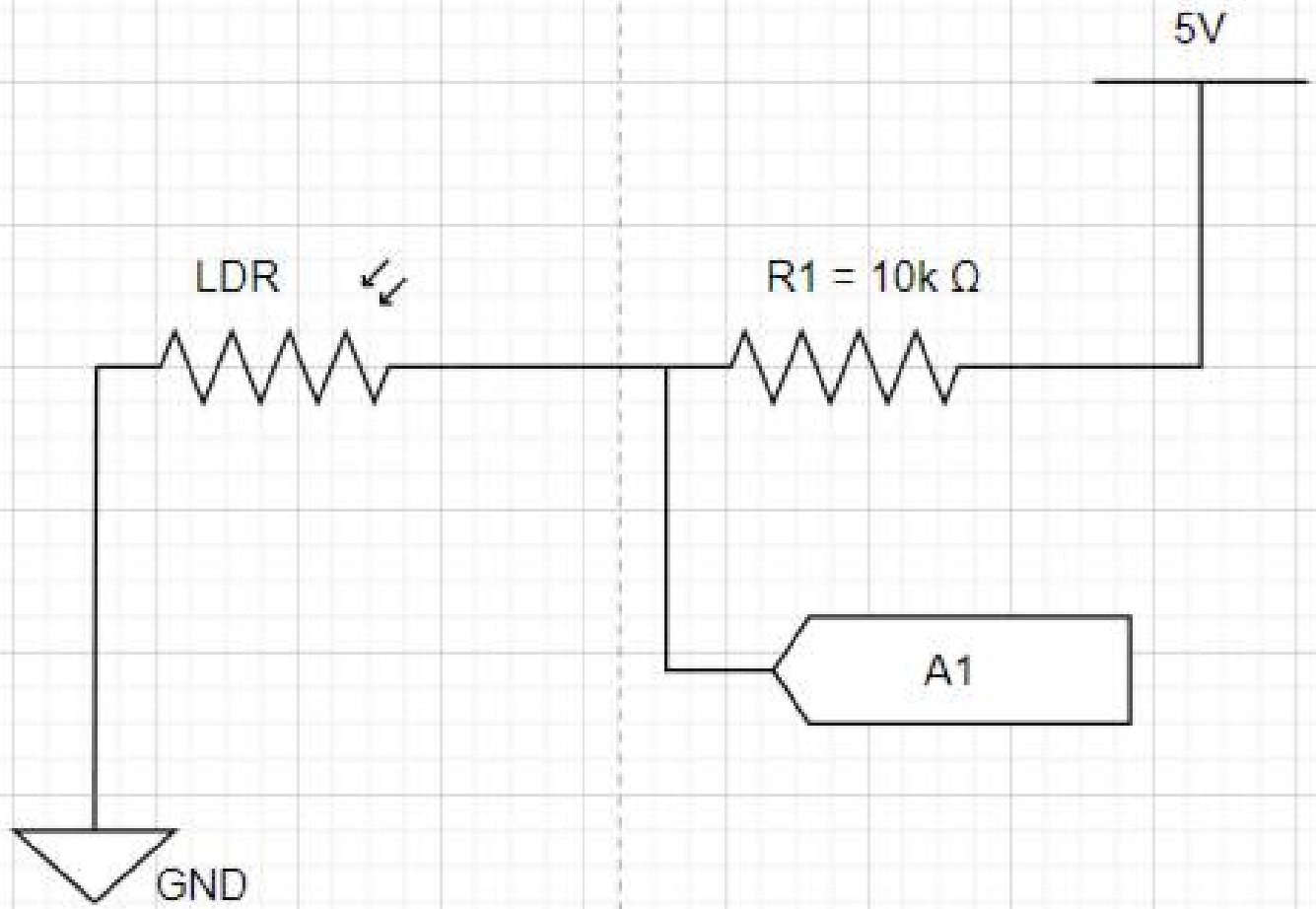


Sheet 1 - Thermistor Input

Circuit reads the input from the thermistor

Edited By: Team D09 - Pandu Raditya Rohman

Last Edited: 12 October 2023

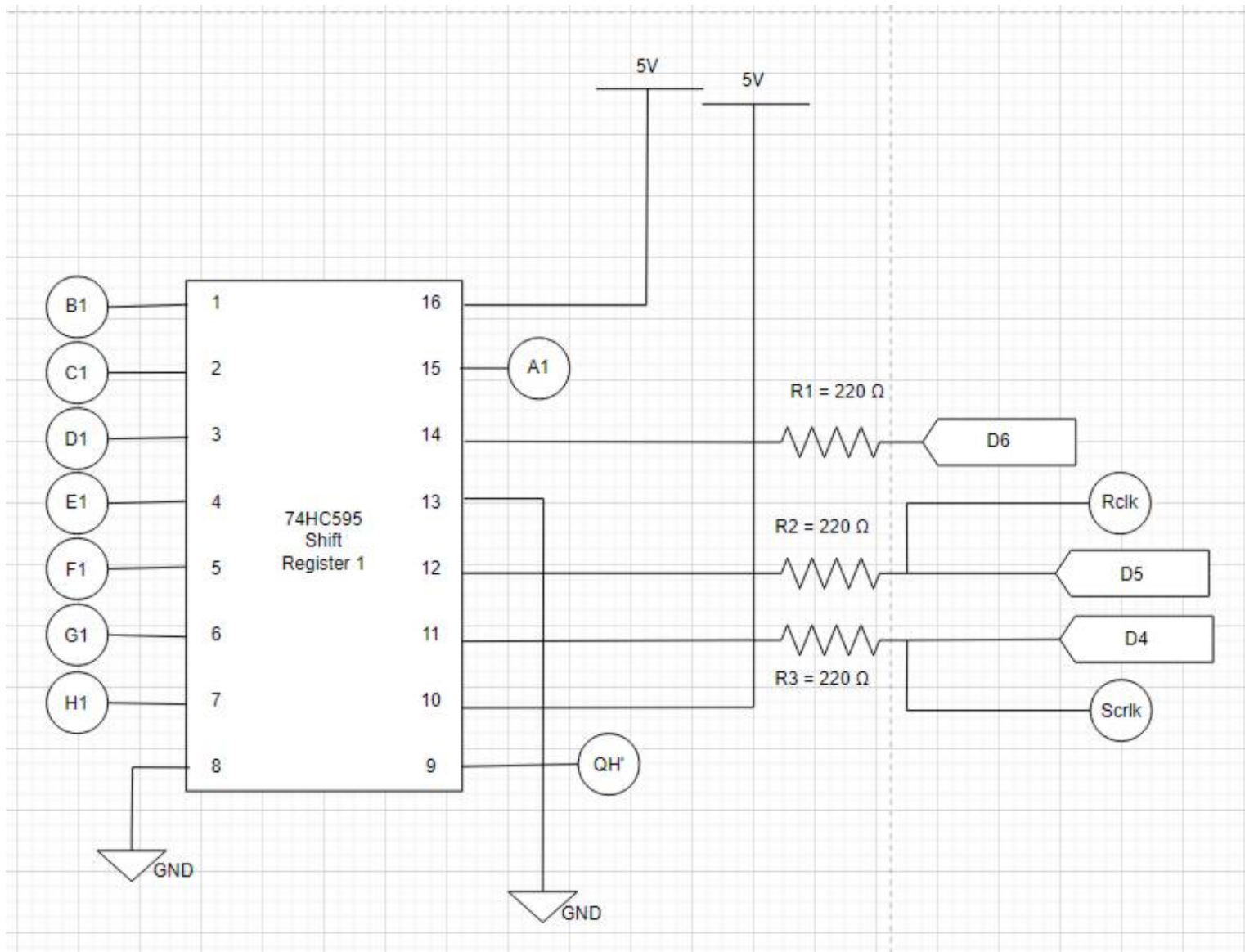


Sheet 2 - LDR Input

Circuit reads the input from the LDR

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Last Edited: 12 October 2023

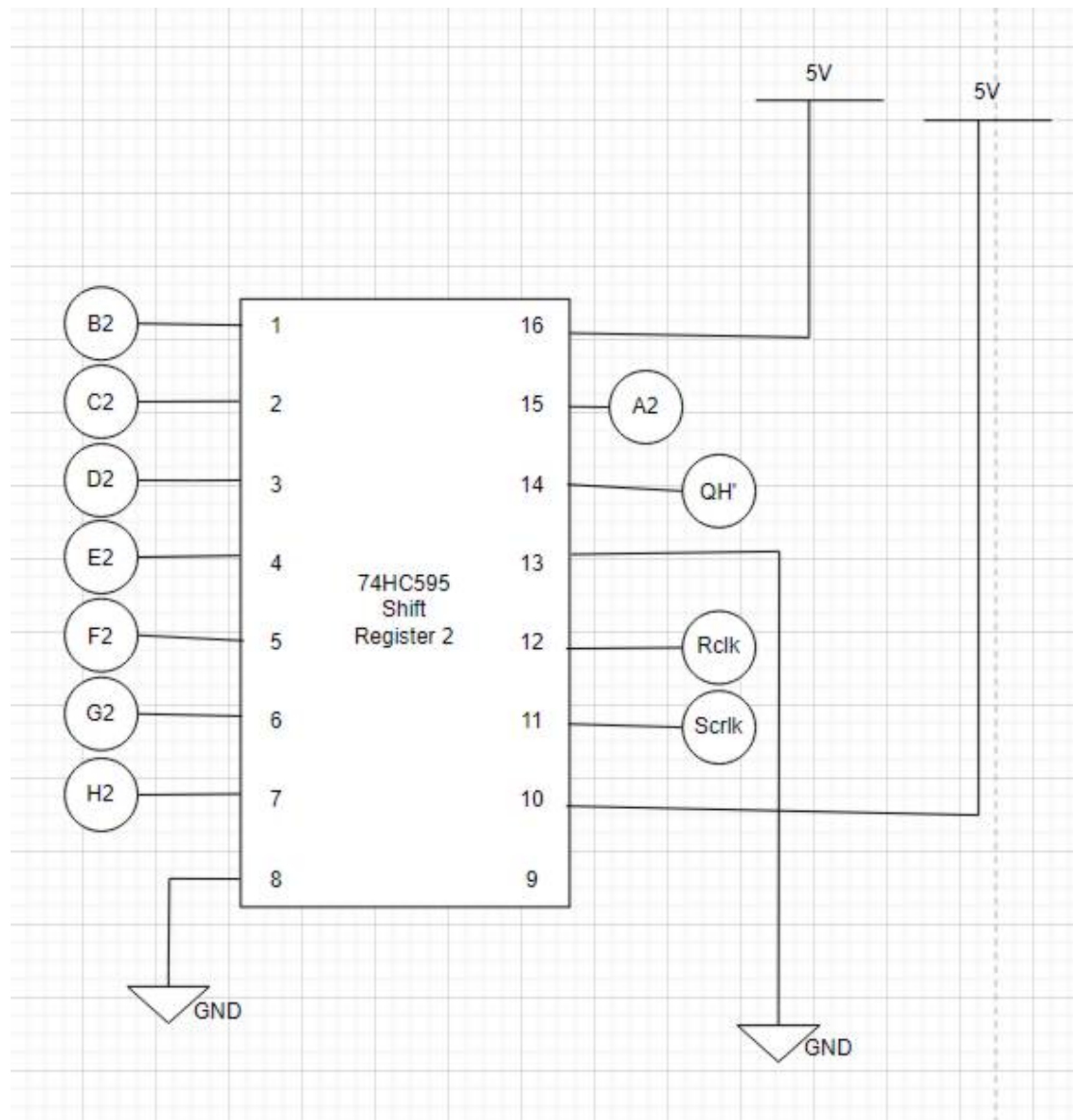


Sheet 3 - Shift Register 1

Shift register pinout for the outputs

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Last Edited: 13 October 2023

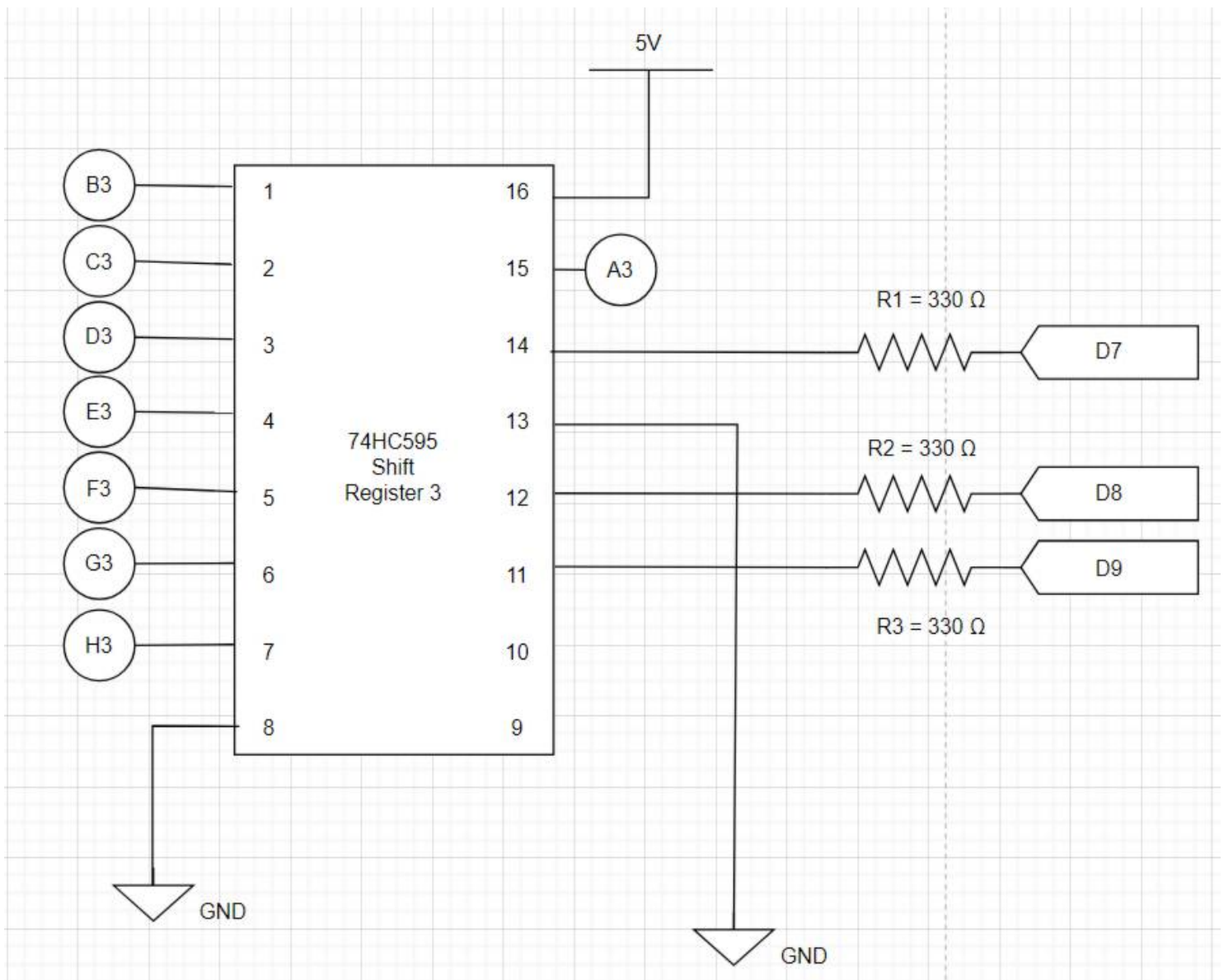


Sheet 4 - Shift Register 2

Shift register pinout for the outputs

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Last Edited: 13 October 2023

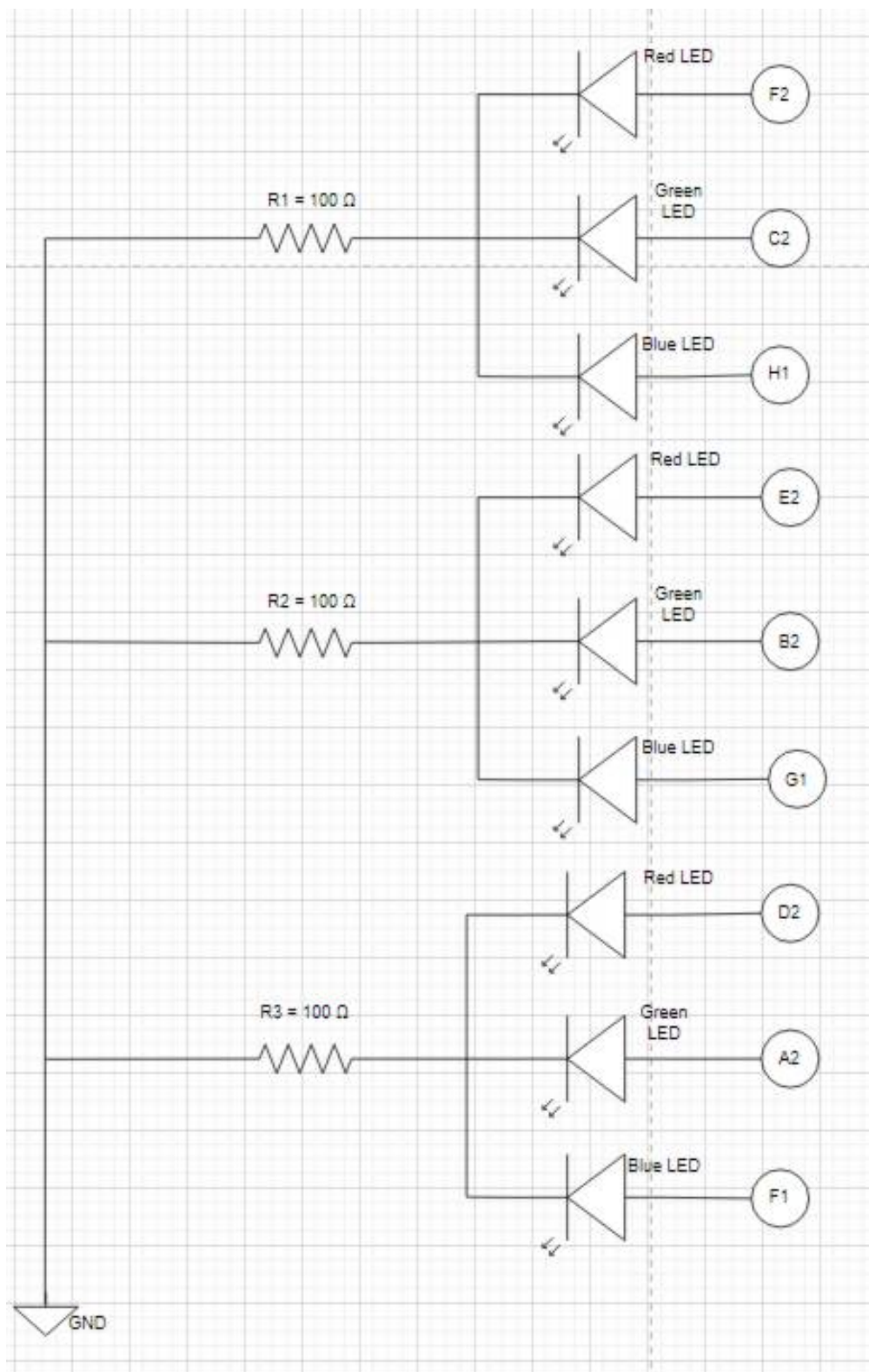


Sheet 5 - Shift Register 3

Shift register pinout for the seven segment display

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Last Edited: 13 October 2023

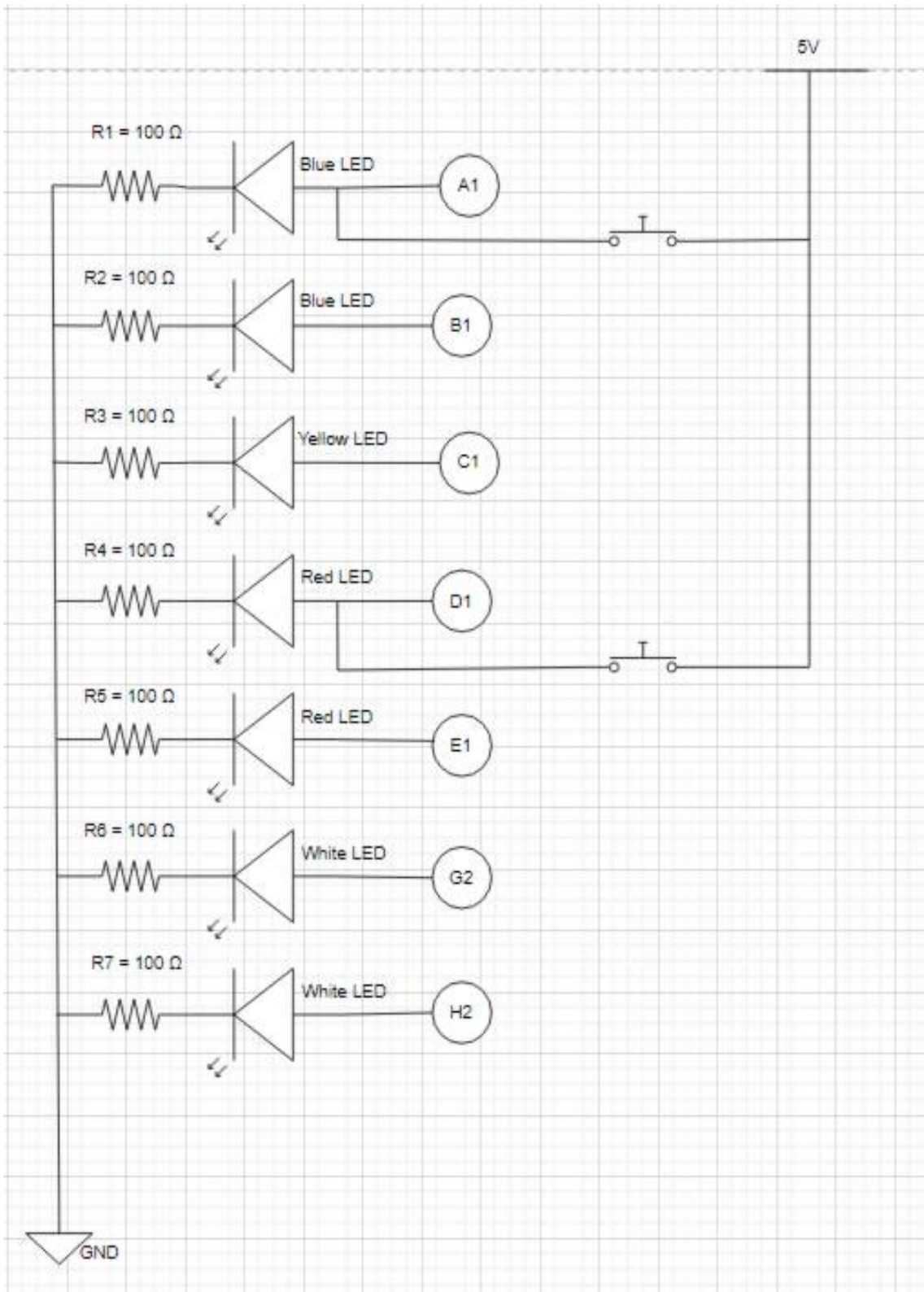


Sheet 6 - RGB LED Thermometer

Circuit for the RGB LED thermometer output

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Last Edited: 13 October 2023

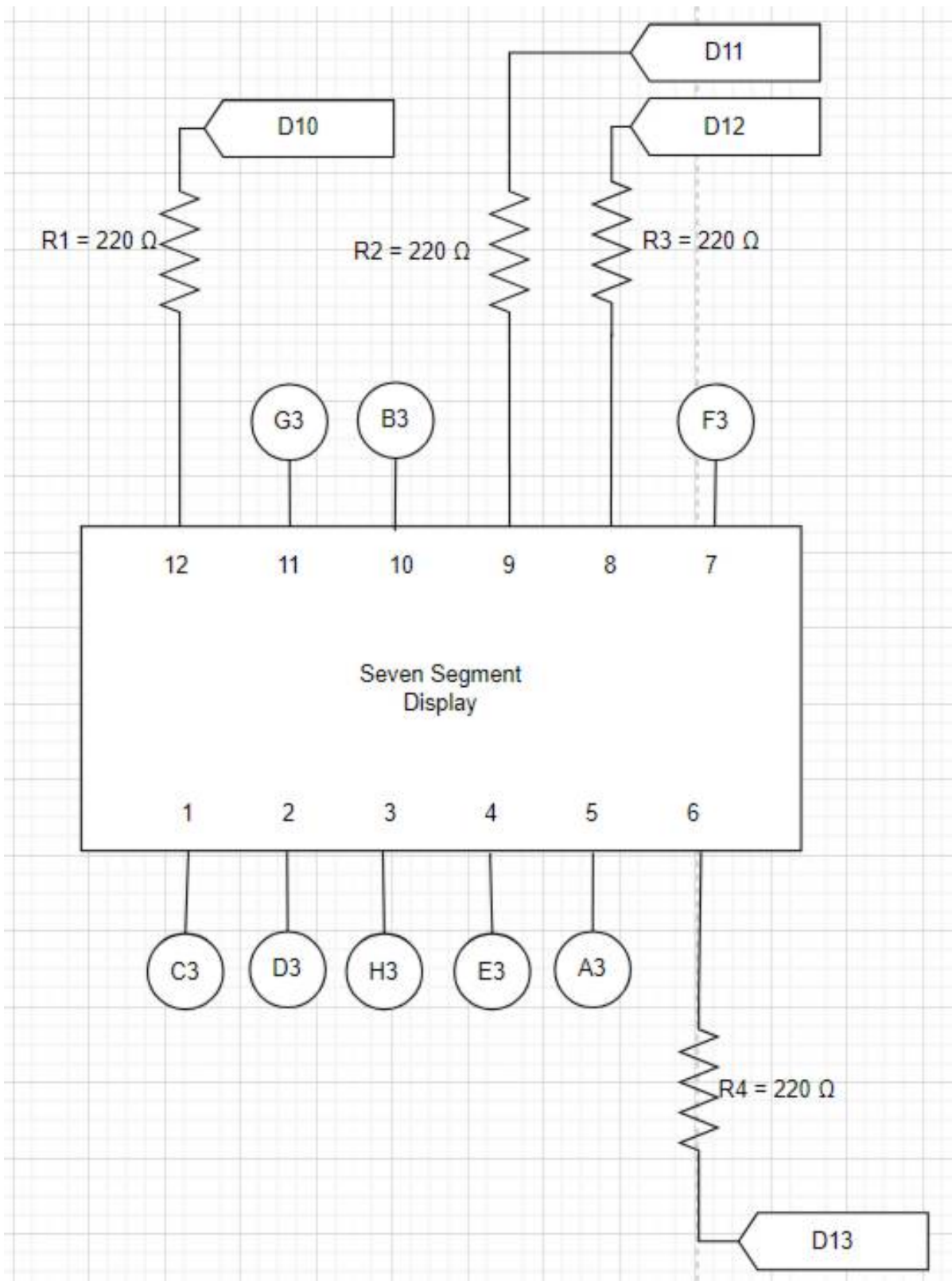


Sheet 7 - LED Outputs

Circuit for the normal LED outputs

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Last Edited: 13 October 2023

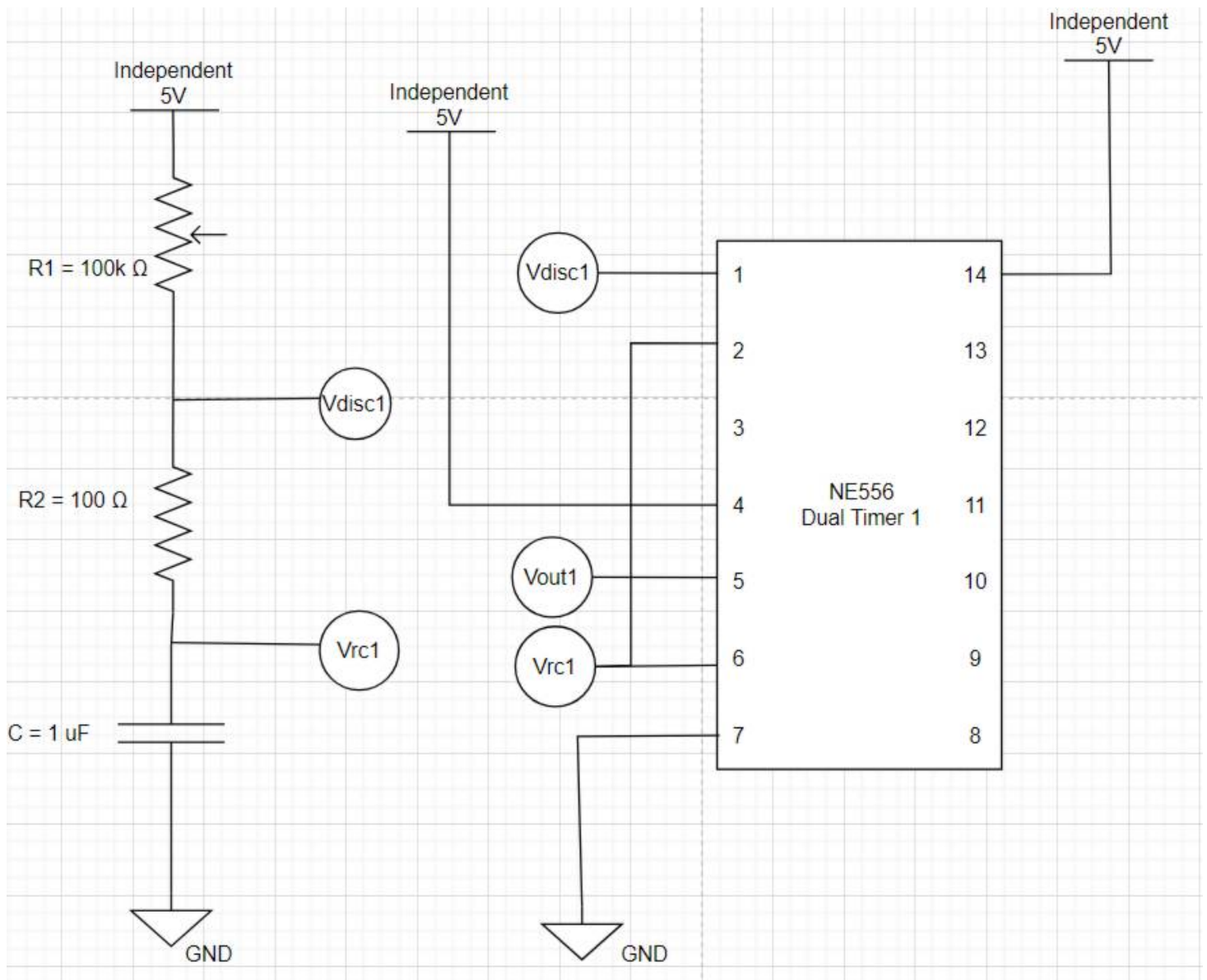


Sheet 8 - Seven Segment Display

Circuit pinout for the seven segment display

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Last Edited: 13 October 2023

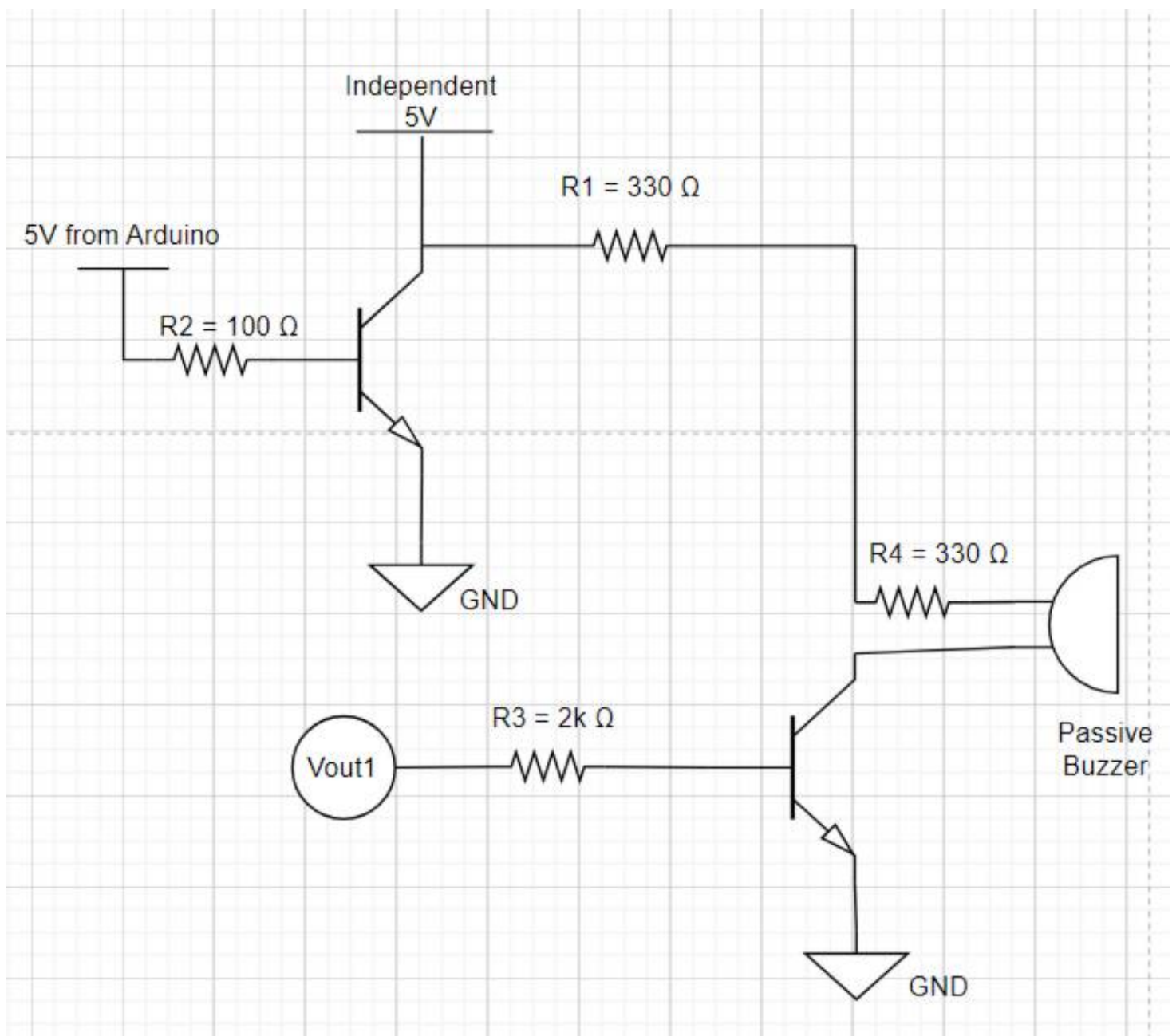


Sheet 9 - 556 Dual Timer 1

556 Dual timer circuit for the failure subsystem

Edited By: Team D09 - Pandu Raditya Rohman

Last Edited: 13 October 2023

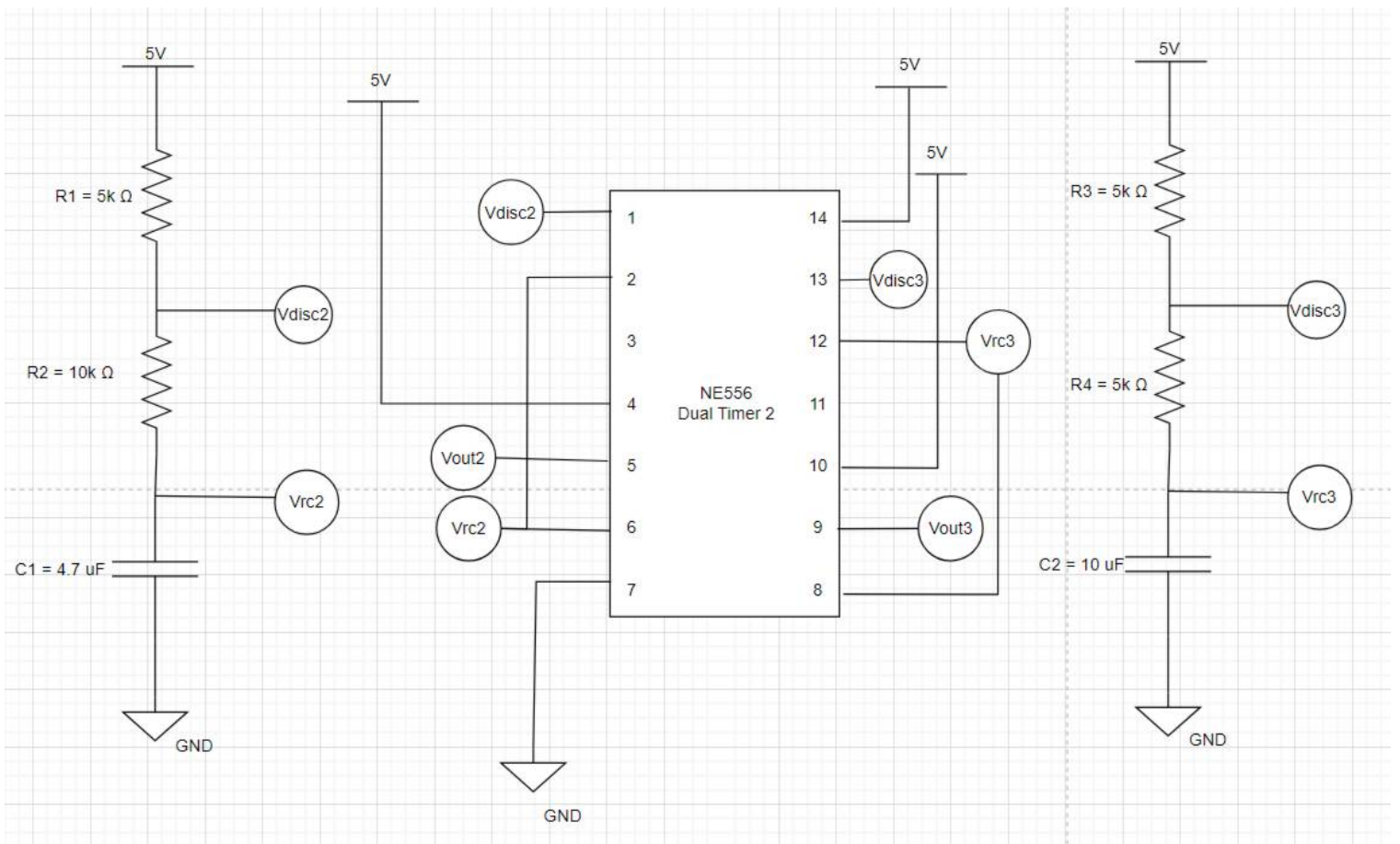


Sheet 10 - Failure Subsystem

Circuit that reads the power from arduino and outputs when there's no power from Arduino

Edited By: Team D09 - Pandu Raditya Rohman

Last Edited: 13 October 2023

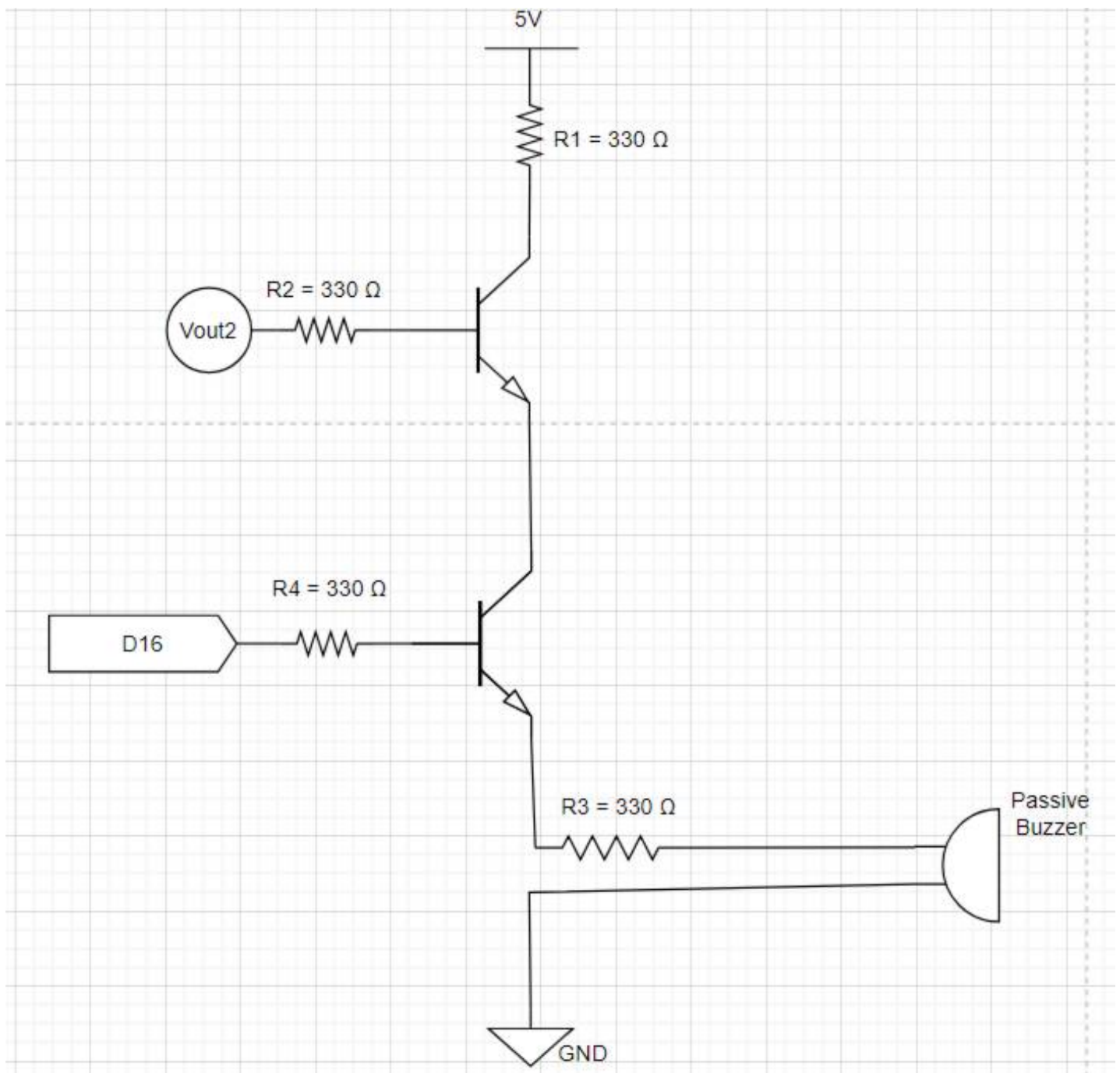


Sheet 11 - 556 Dual Timer 2

Circuit for 556 dual timer to output when there's a large rise/fall in temperature

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Last Edited: 13 October 2023

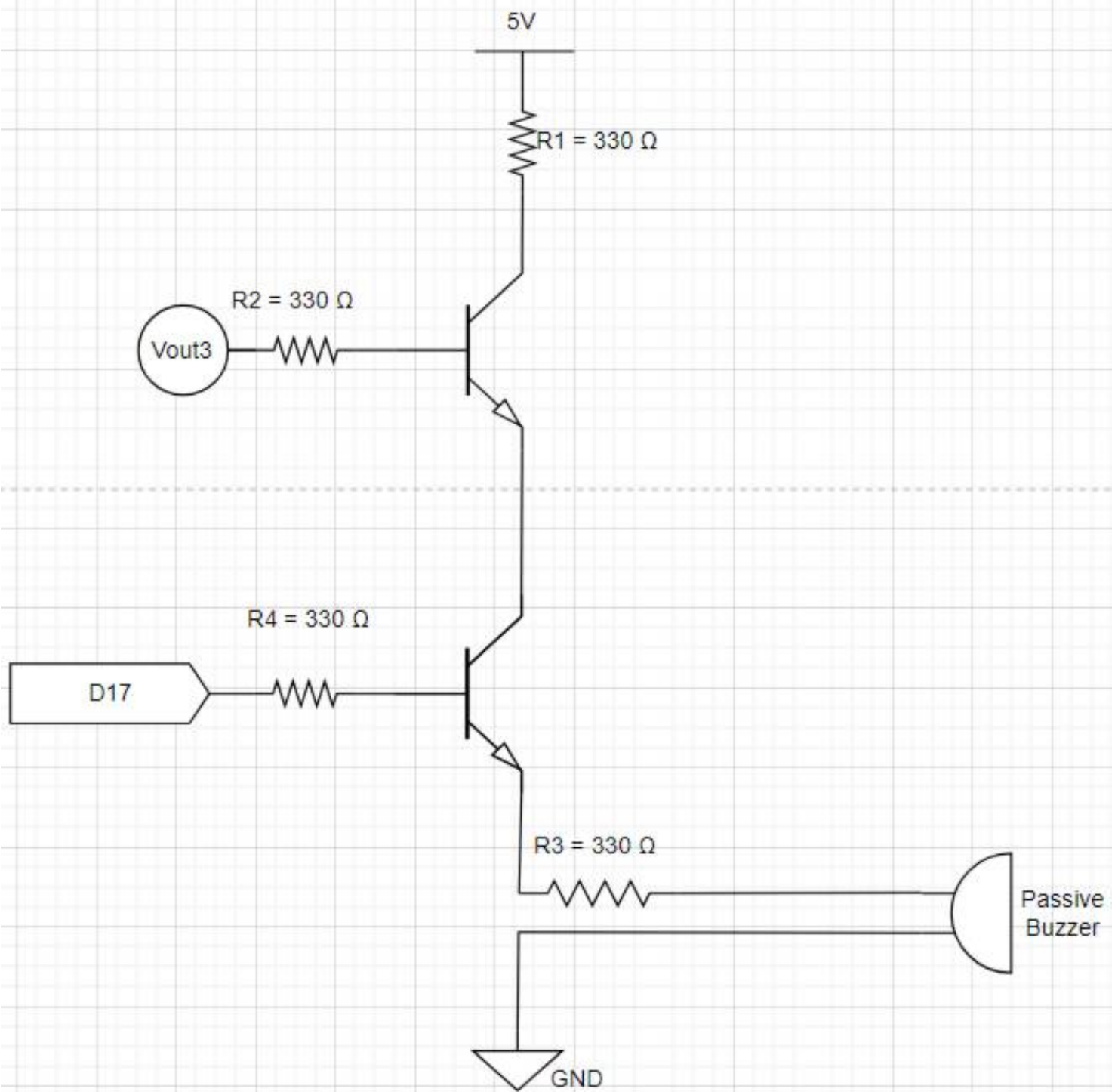


Sheet 12 - Rapid Rise Output

Circuit that turns on a buzzer if there's a rapid rise in temperature

Edited By: Team D09 - Pandu Raditya Rohman

Last Edited: 13 October 2023

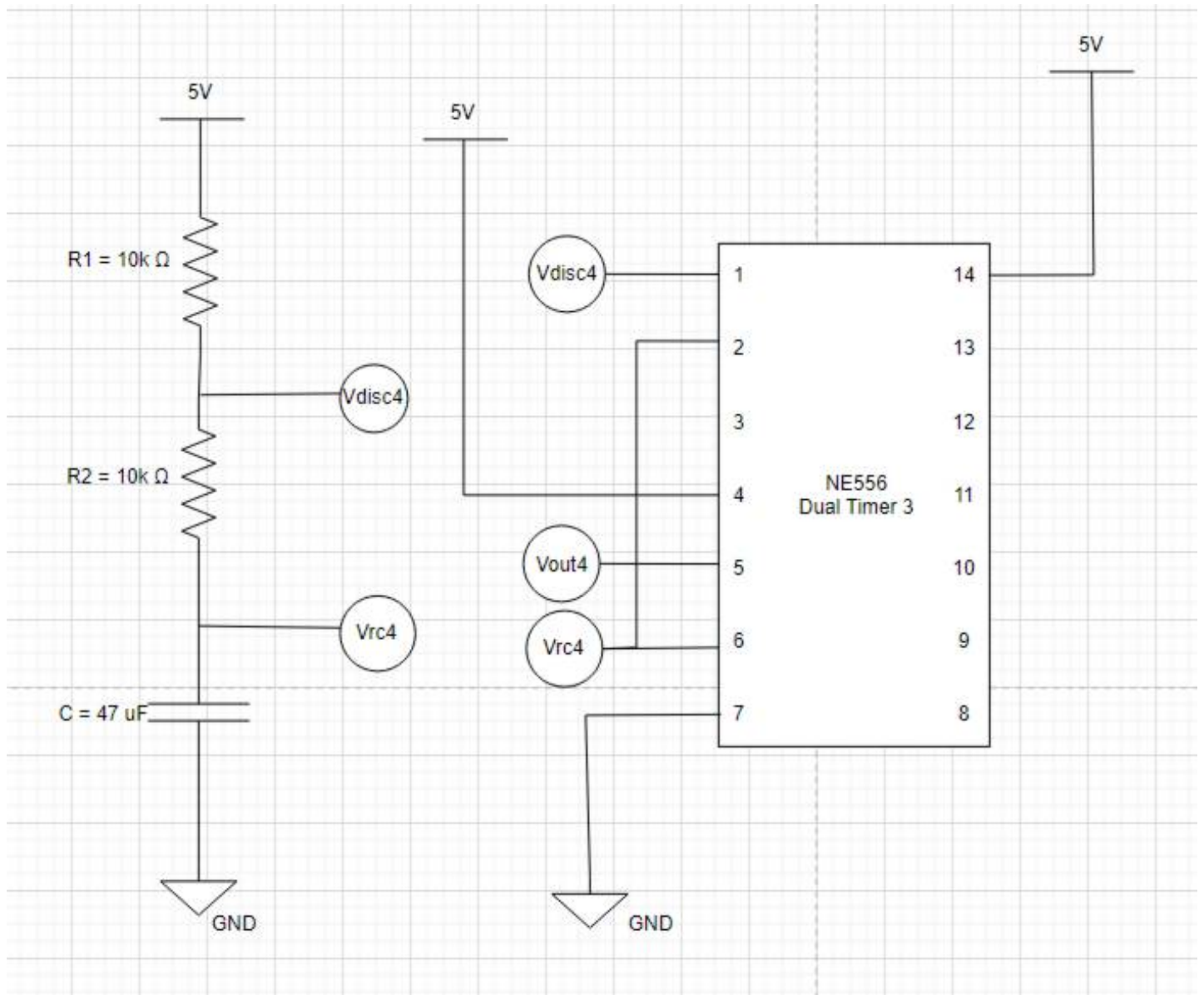


Sheet 13 - Rapid Fall Output

Circuit that turns on a buzzer if there's a rapid fall in temperature

Edited By: Team D09 - Pandu Raditya Rohman

Last Edited: 13 October 2023

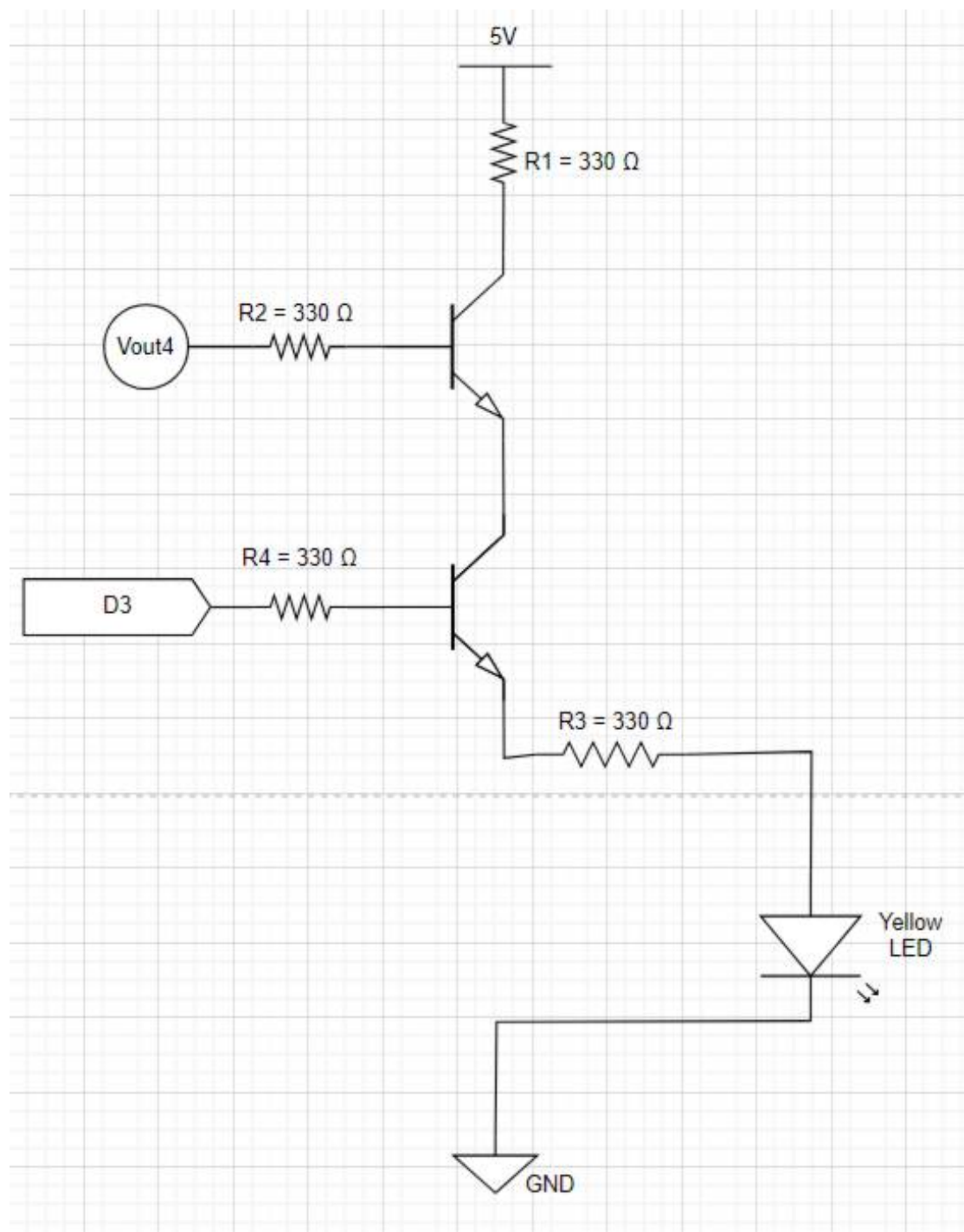


Sheet 14 - 556 Dual Timer 3

Circuit for 556 dual timer to output when there's a large rise/fall in temperature

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Last Edited: 13 October 2023



Sheet 15 - Rapid Rise/Fall LED Output

Circuit that shows an output of a flashing LED when there's a rapid change in temperature

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Last Edited: 13 October 2023