

Smart Traffic Management System

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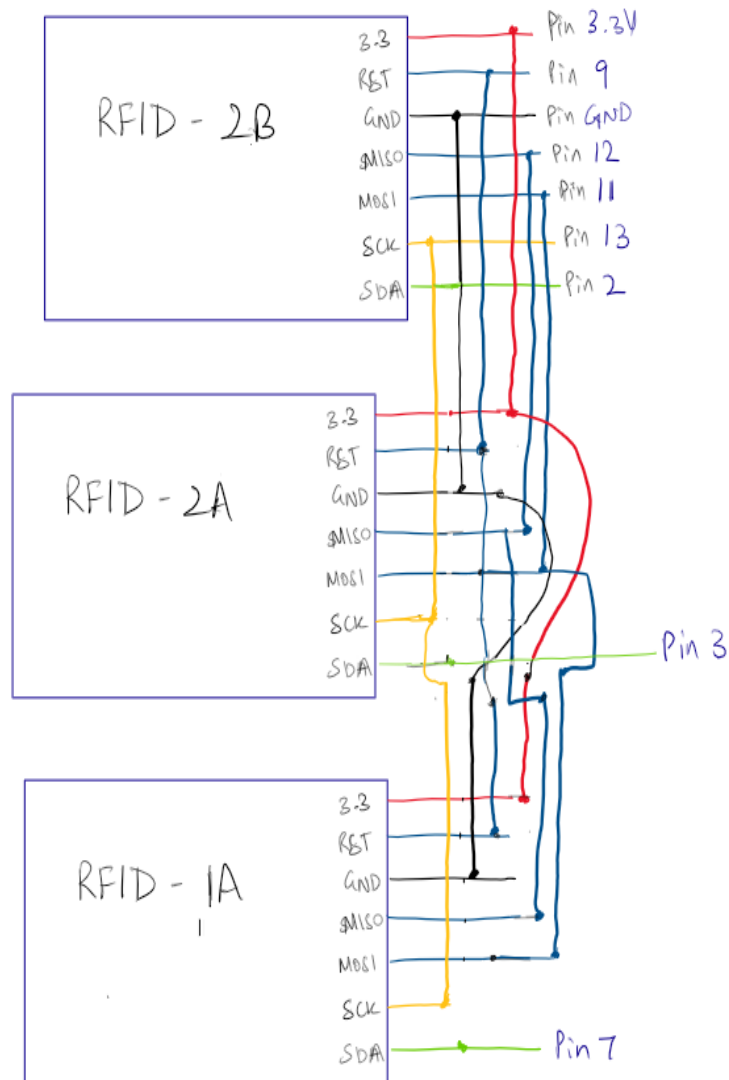
December 7, 2023

1 Schematic

- Figure-1 Arduino - 1
- Figure-2 Arduino - 2
- Figure-3 Arduino - 3
- Figure-4 Arduino - 4
- Figure-5 I2C Communication between Arduino
- Figure-6 Layout

*Arduino - 1,2 for RFIDs, Arduino - 3 for Traffic Lights, Arduino - 4 for Street Lights

Link for schematic notebook : [OneNote Schematic Notebook Link](#)



ARDUINO - 1

Figure 1.1. RFID Arduino

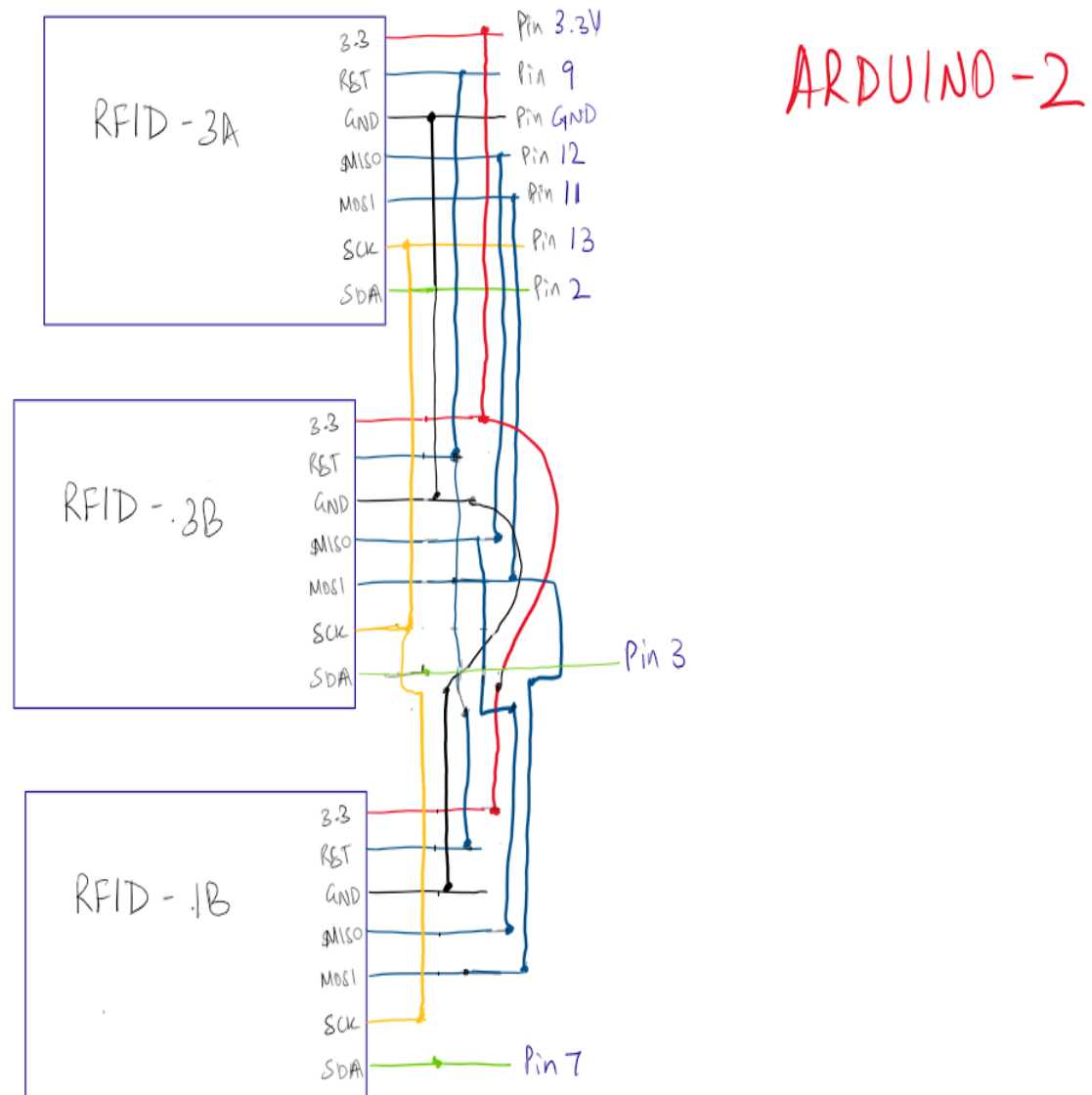


Figure 1.2. RFID Arduino

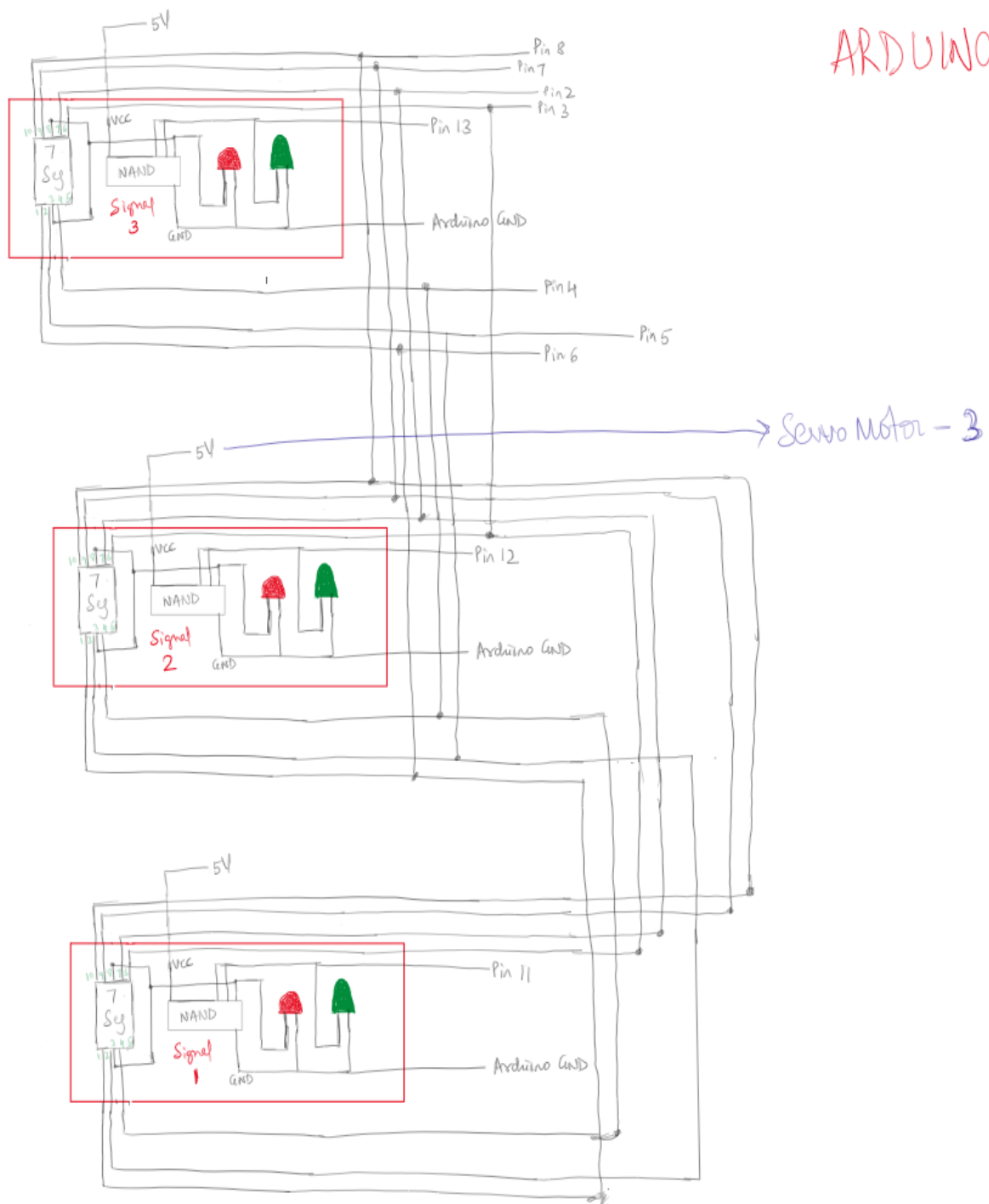


Figure 1.3. Traffic Lights Arduino

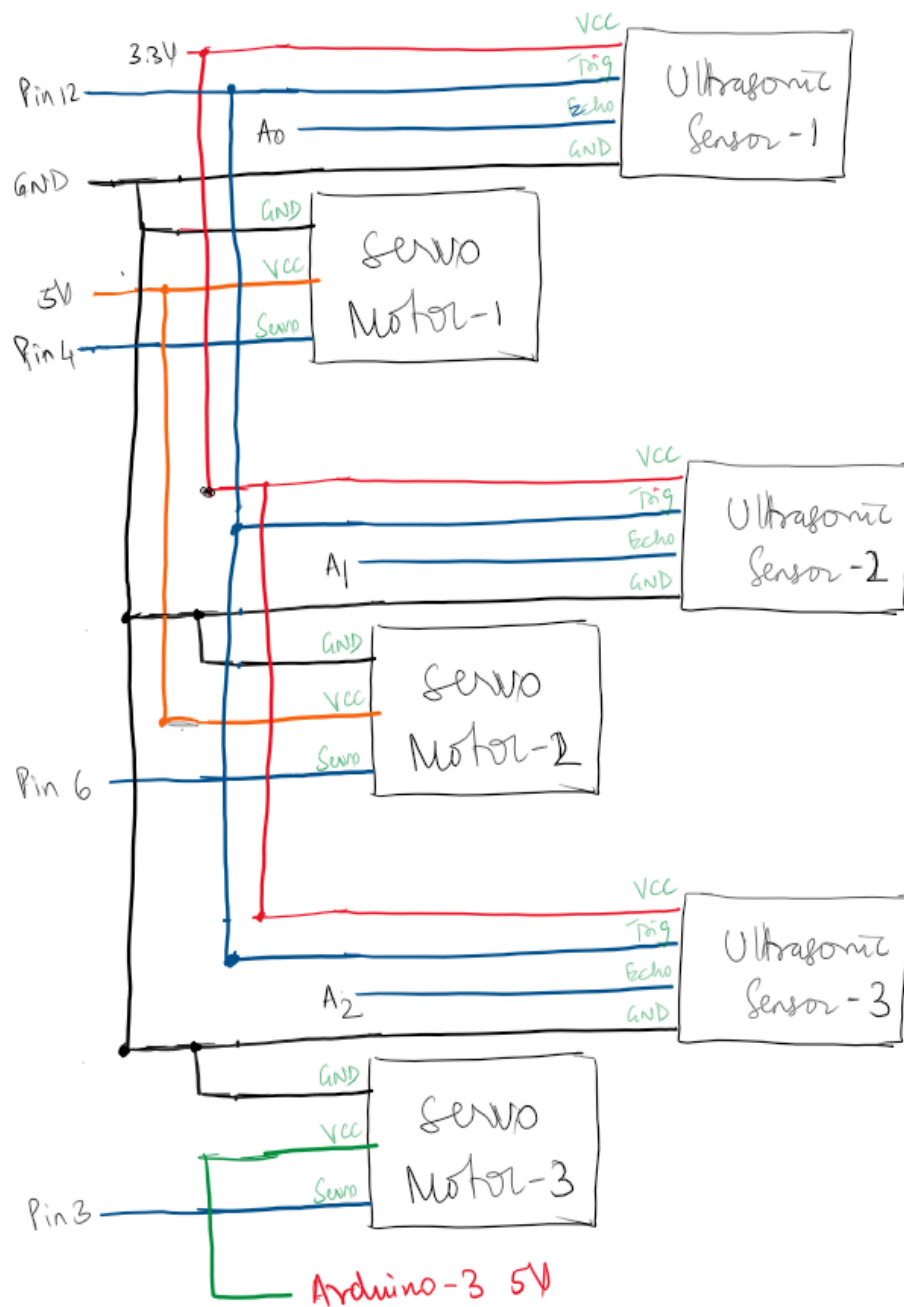


Figure 1.4. Street Light Arduino

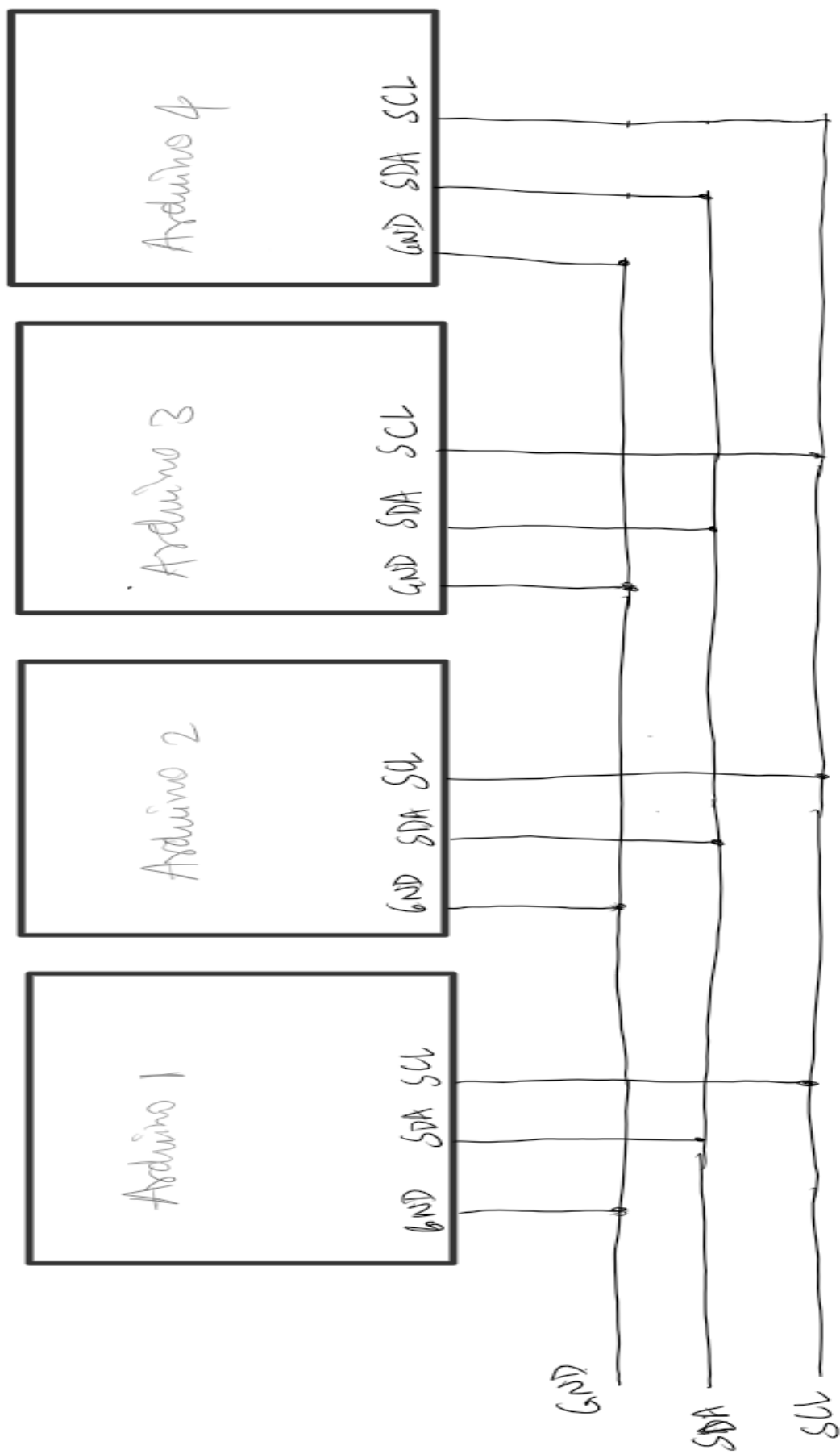
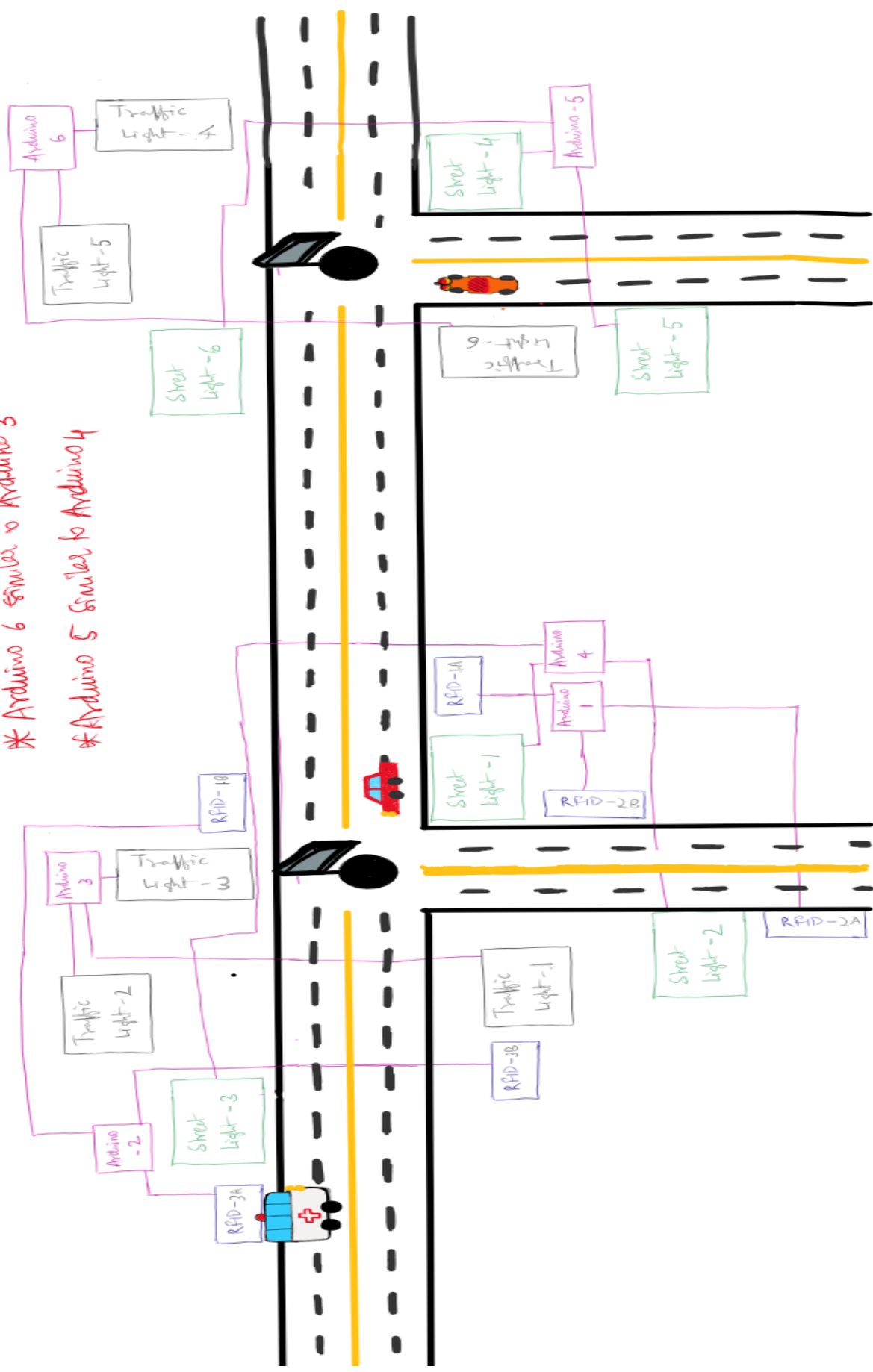


Figure 1.5. I2C Communication

* Arduino 6 similar to Arduino 3
* Arduino 5 similar to Arduino 4



JUNCTION-2

JUNCTION-1

Figure 1.6. Full Layout