

Smart Garage System

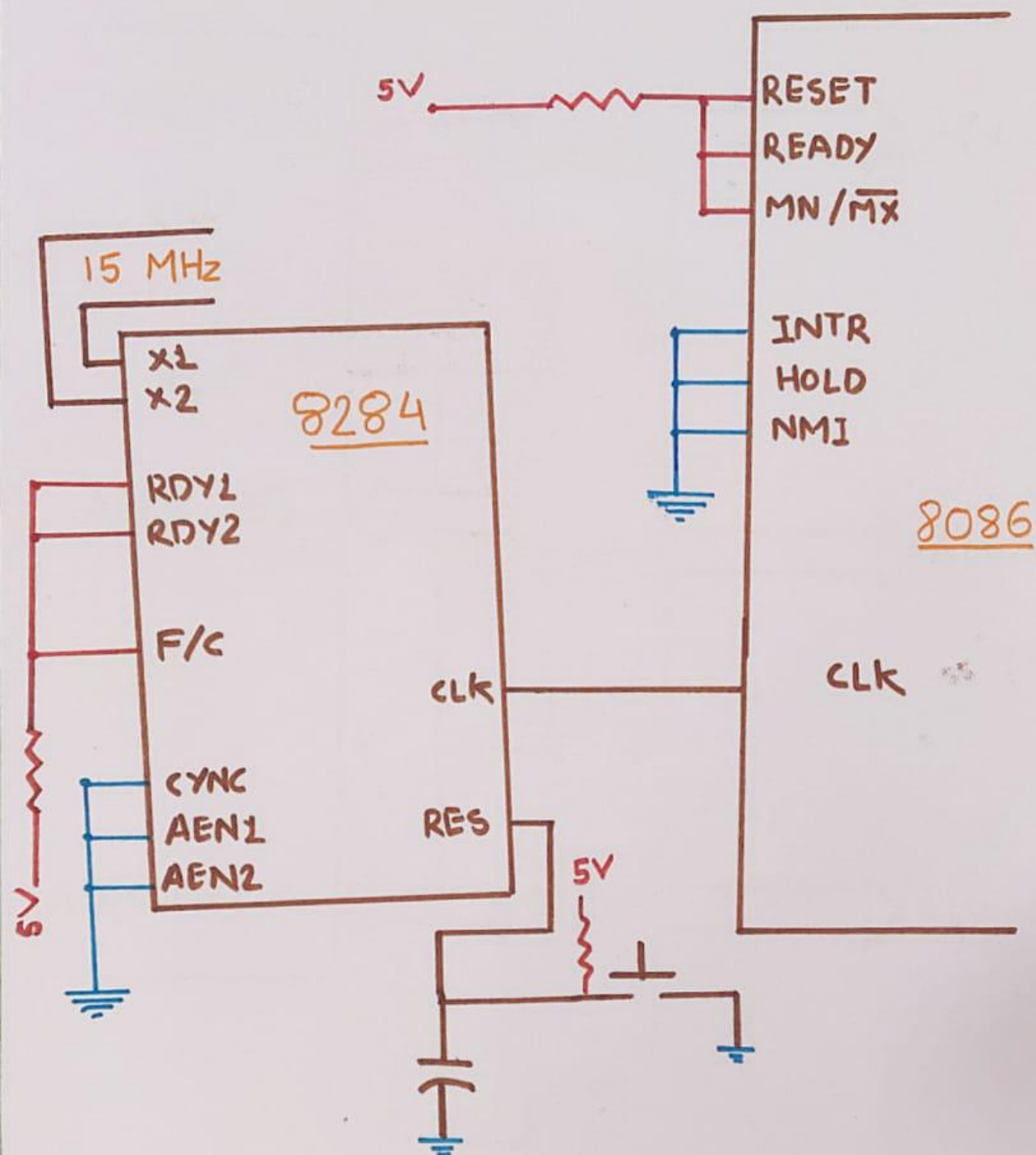
MuP design problem No. 19

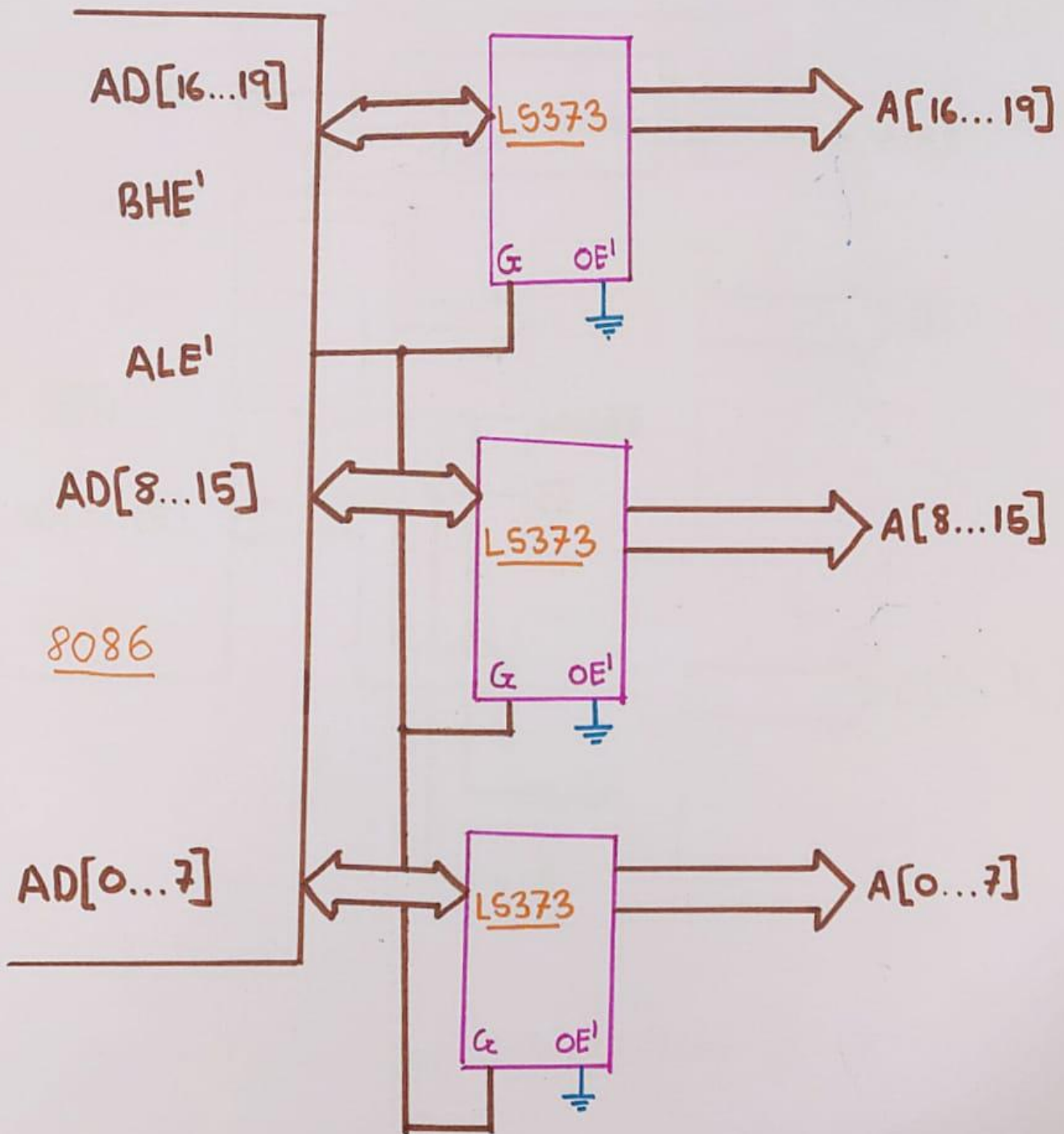
On Paper Design

Group 93:

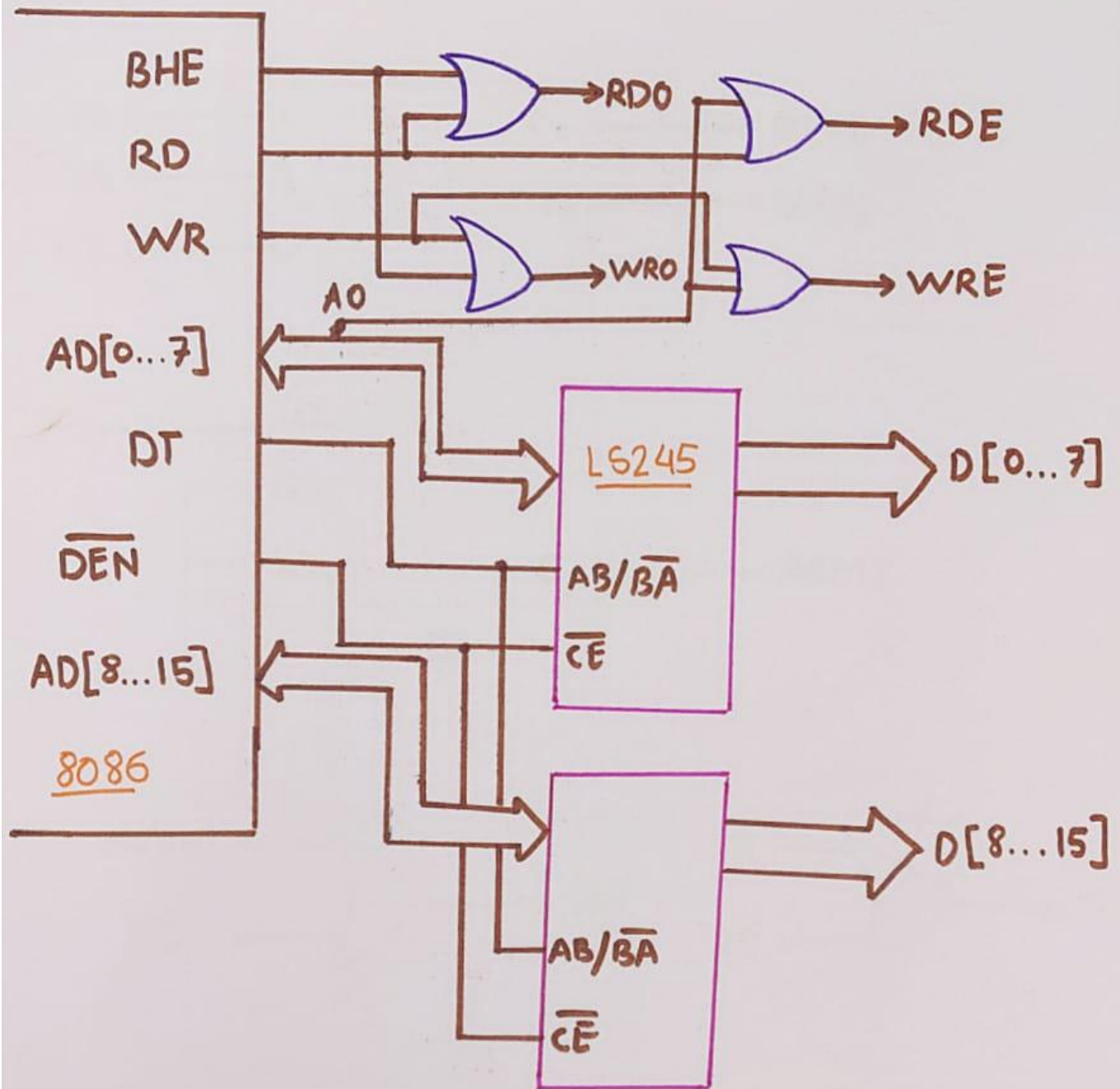
- 1. Sidhartha Jain (2018AAPS0335G)**
- 2. Rishabh Vaidya (2018AAPS0328G)**
- 3. Saumya Bhatt (2018A3PS0303G)**
- 4. Samesh Lakhotia (2018AAPS0553G)**
- 5. Ritick Srivastava (2018AAPS0366G)**

Input to 8086

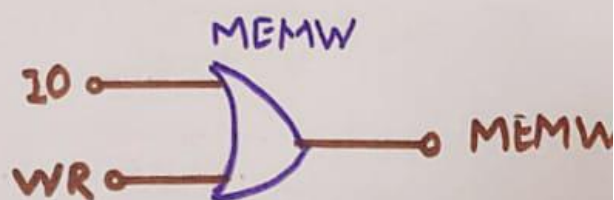
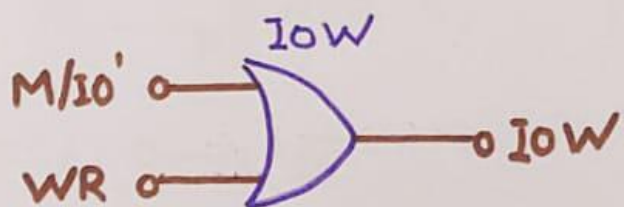
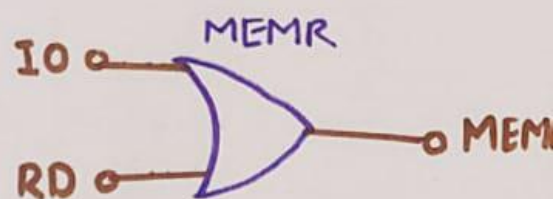
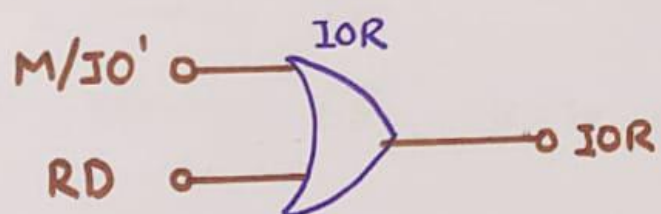
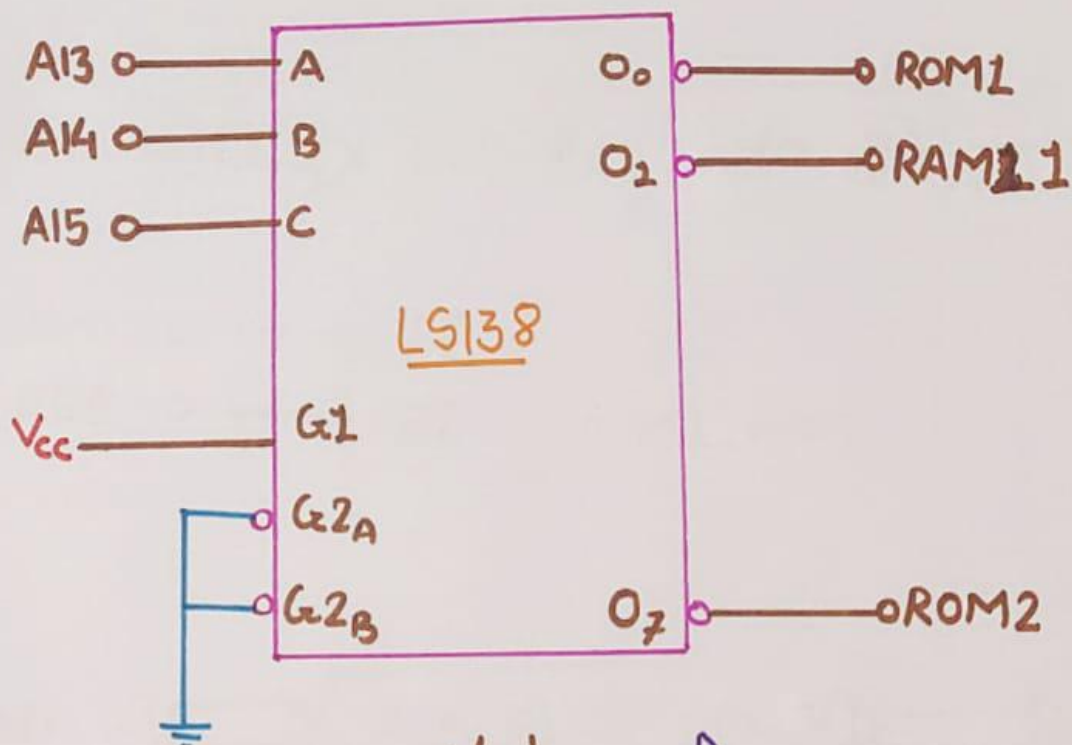




Address Bus of 8086 initialization

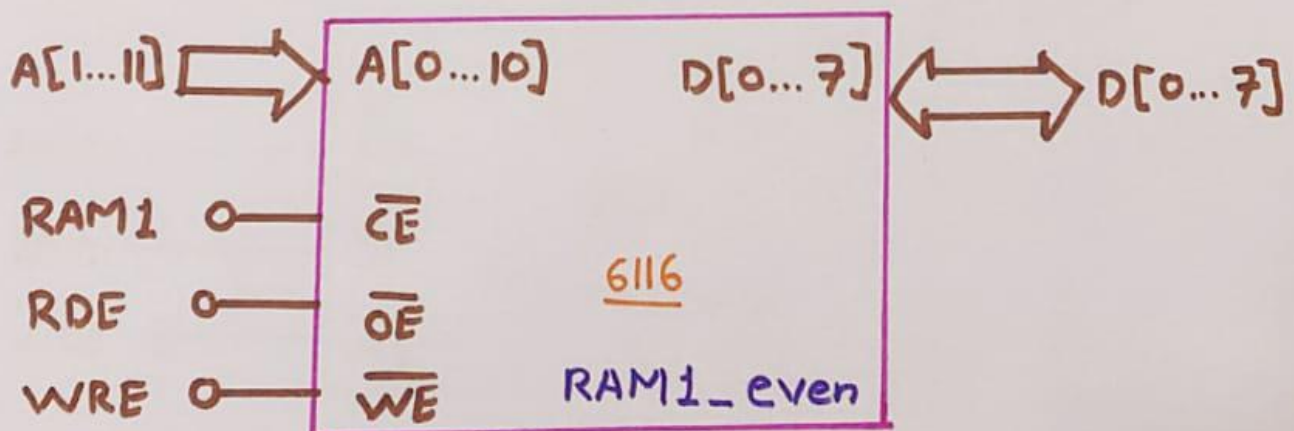
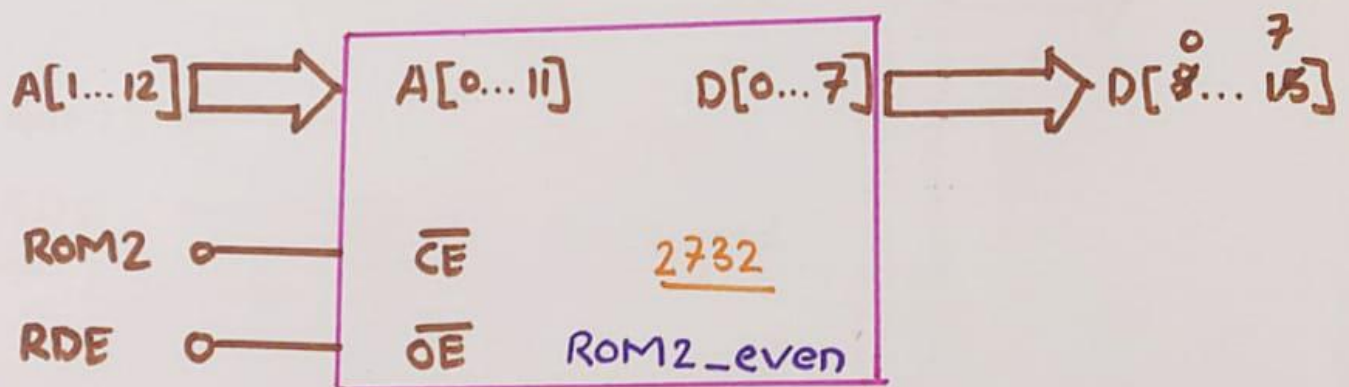
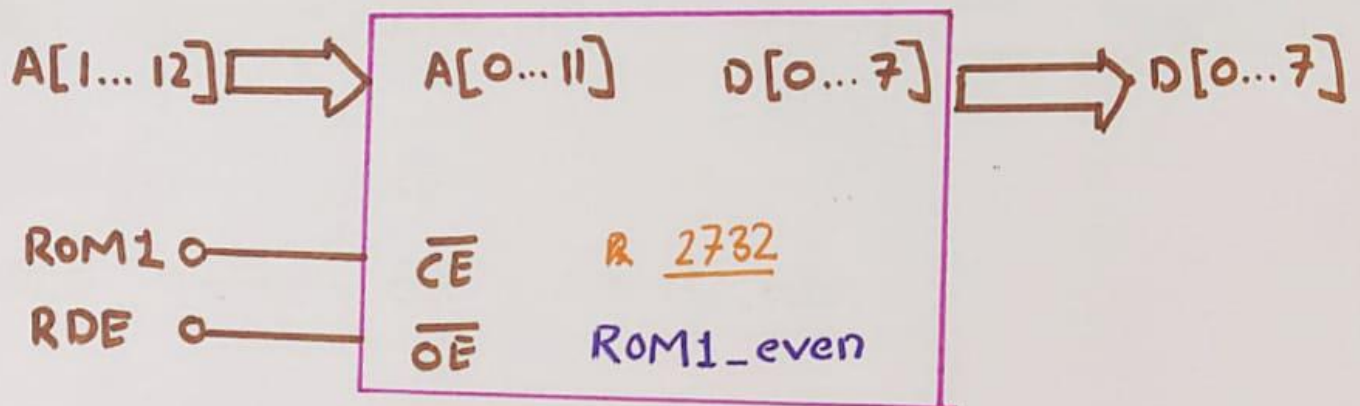


Data + Control bus initialization of 8086

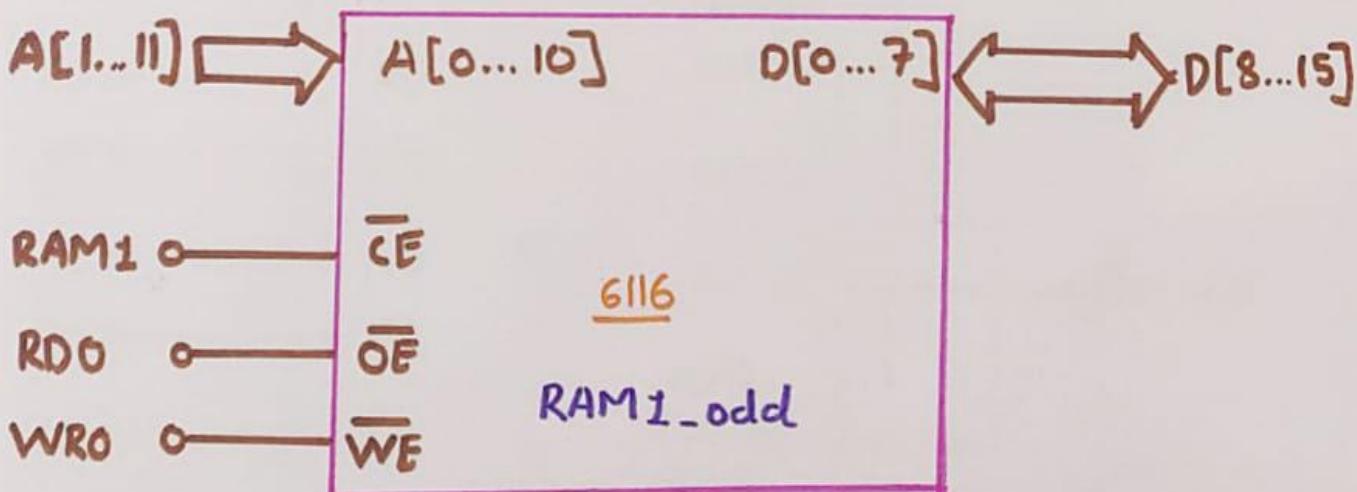
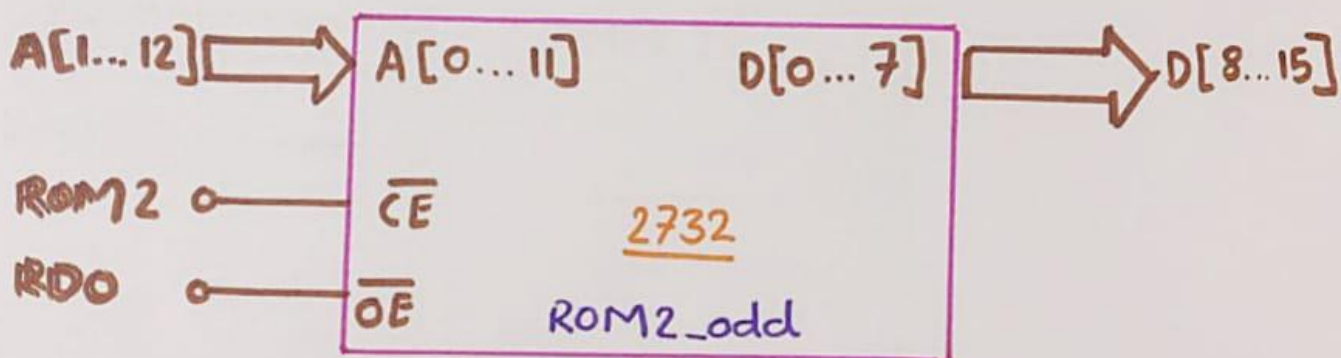
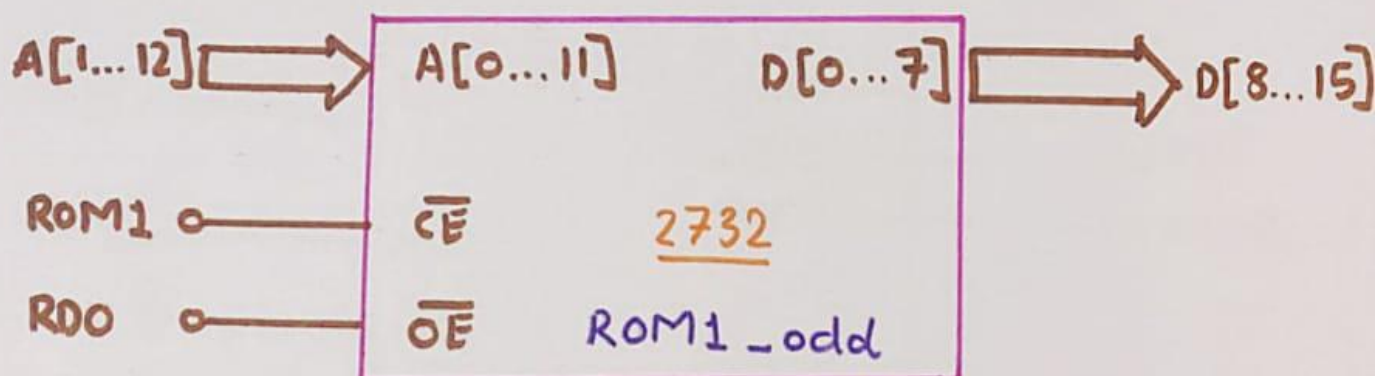


Memory Decoder

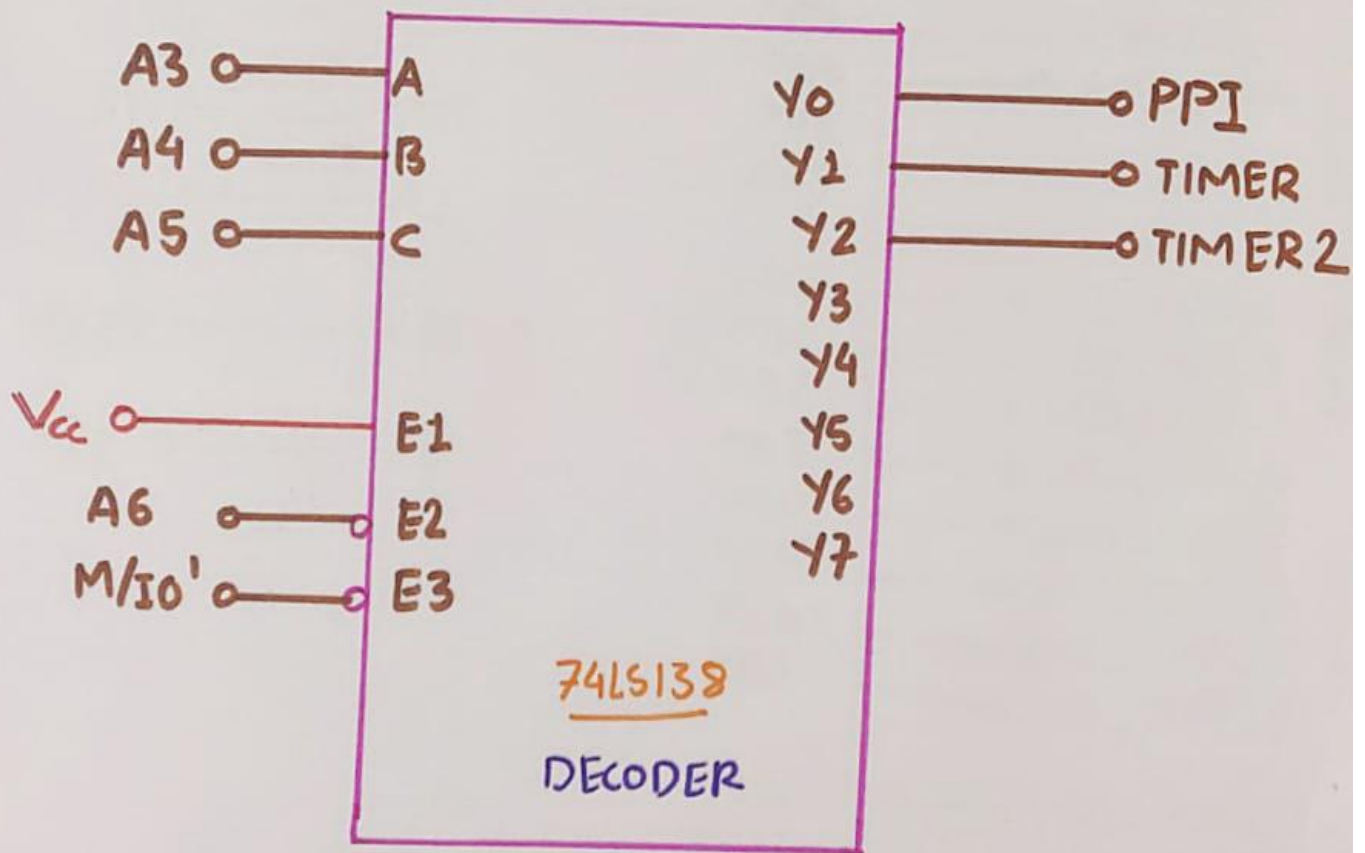
ROM(1+2) + RAM1 Even banks



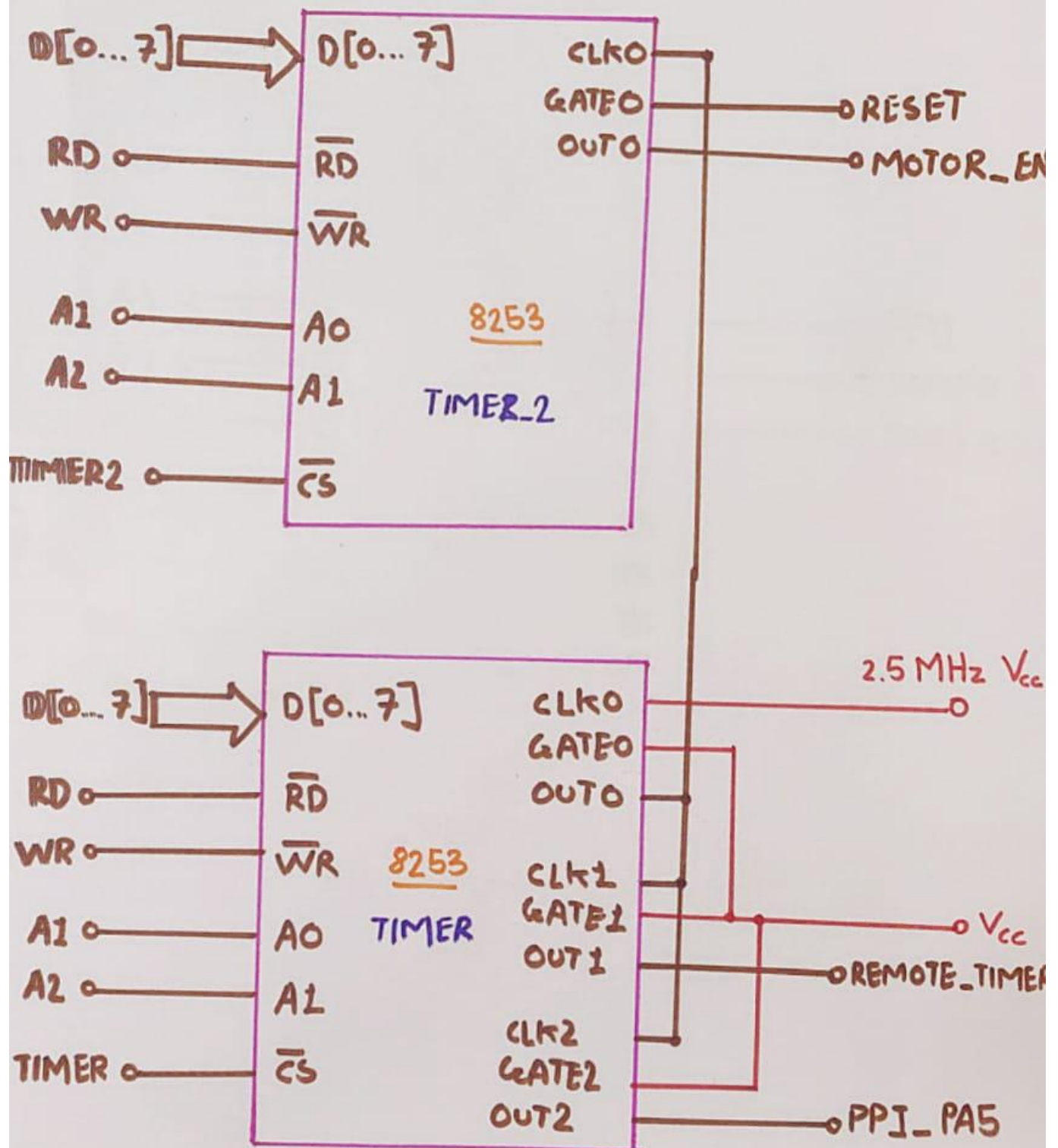
ROM(1+2) + RAM1 Odd Banks



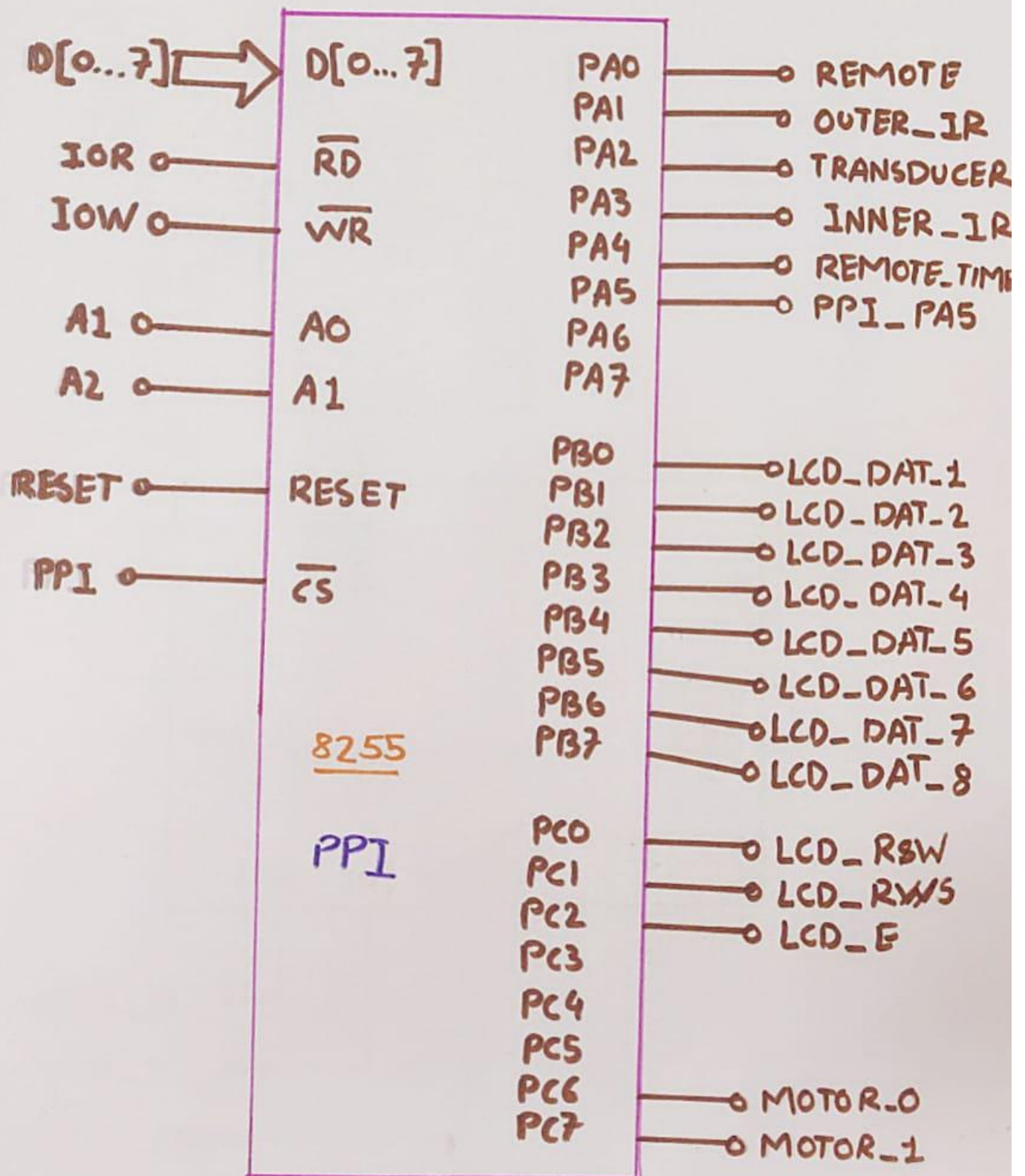
Address lines to PPI decoder



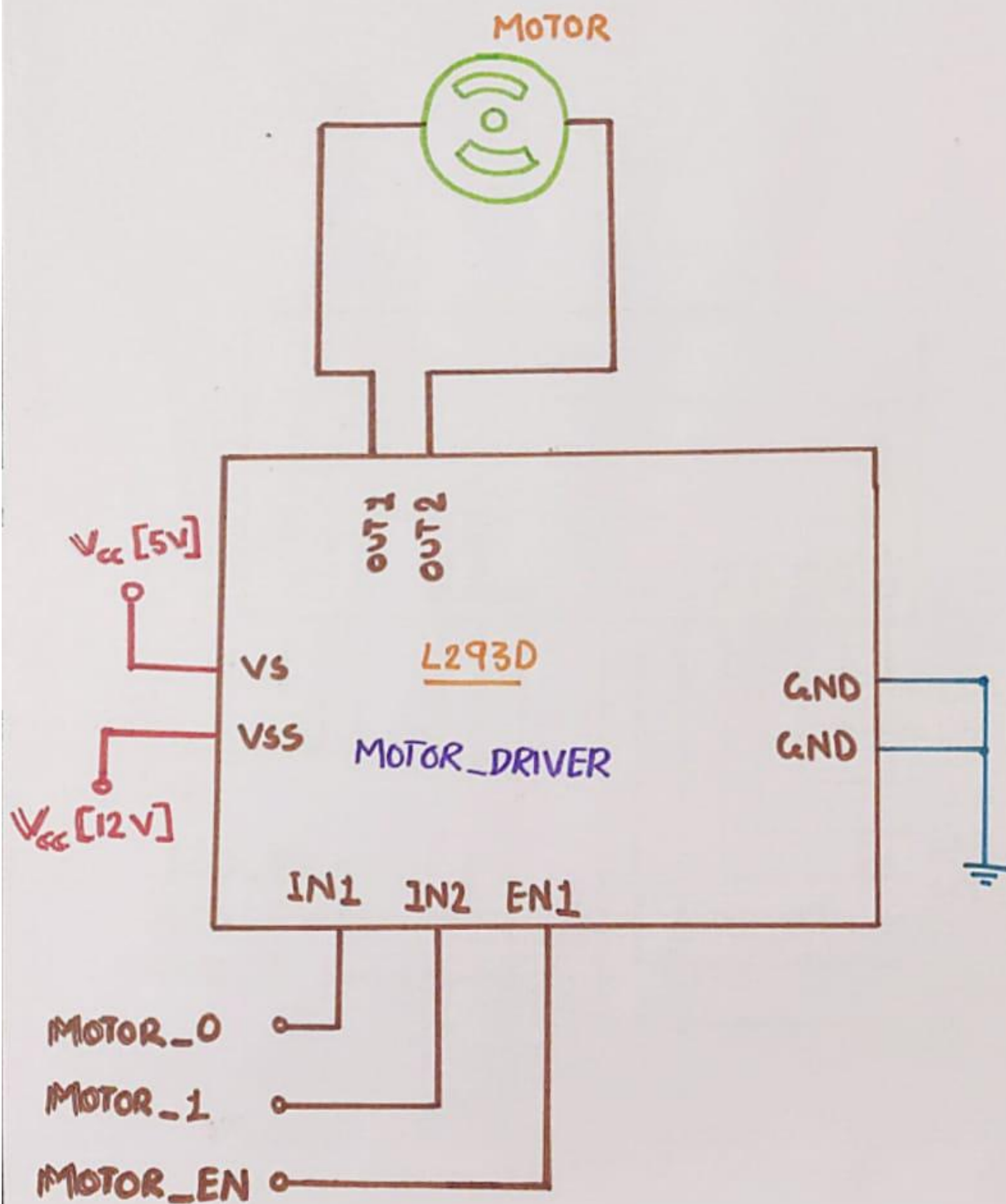
Timer (1+2) connections



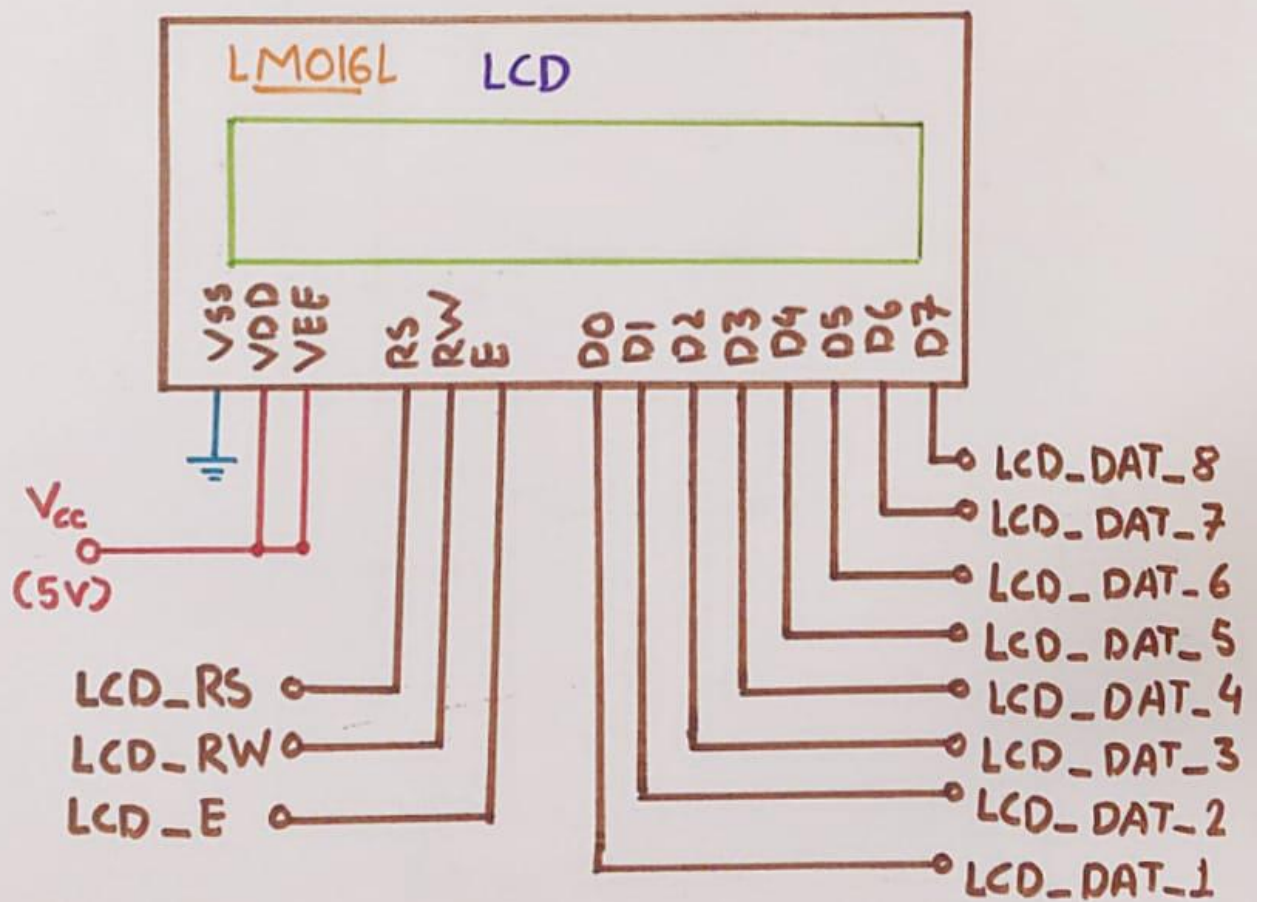
PPI connections

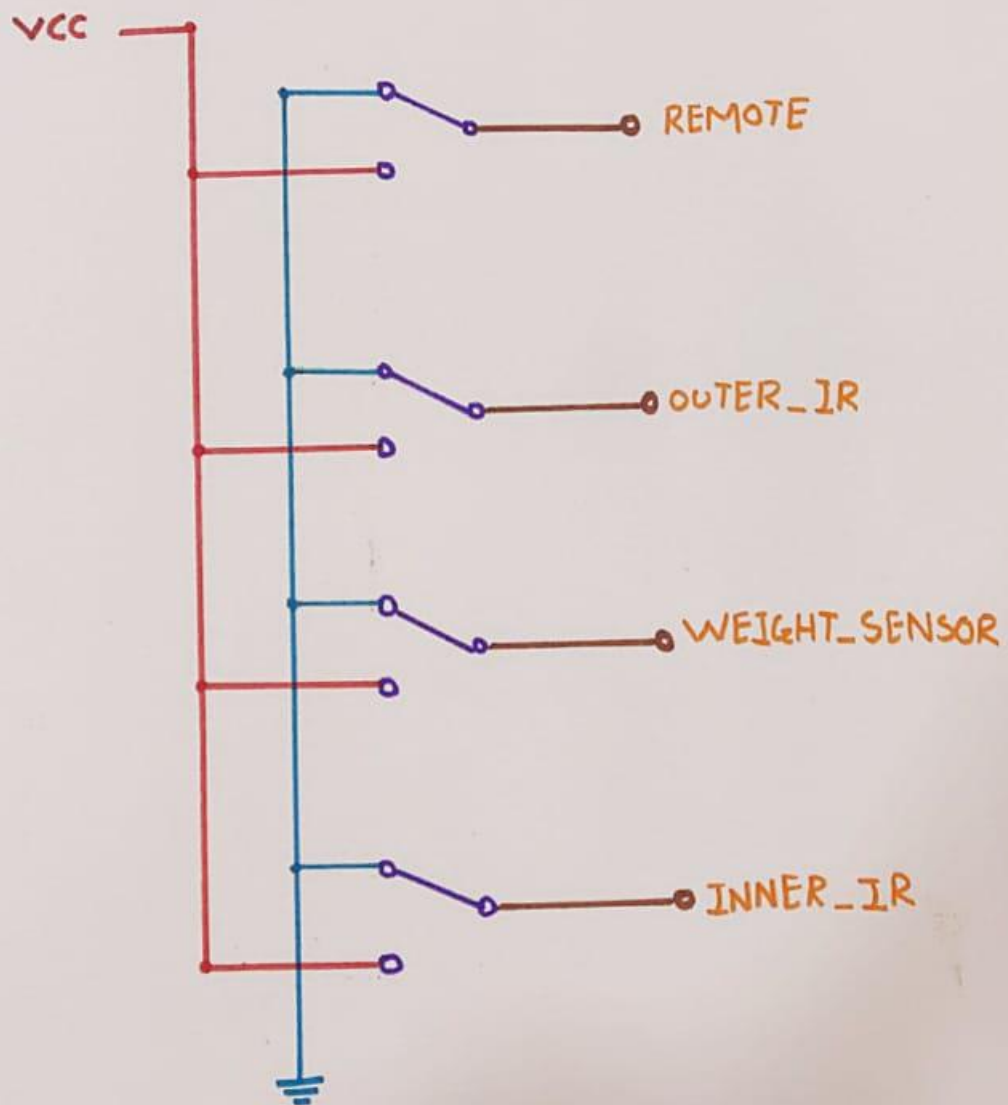


Motor and Motor driver connections



LCD connections





Remote + Sensor switches