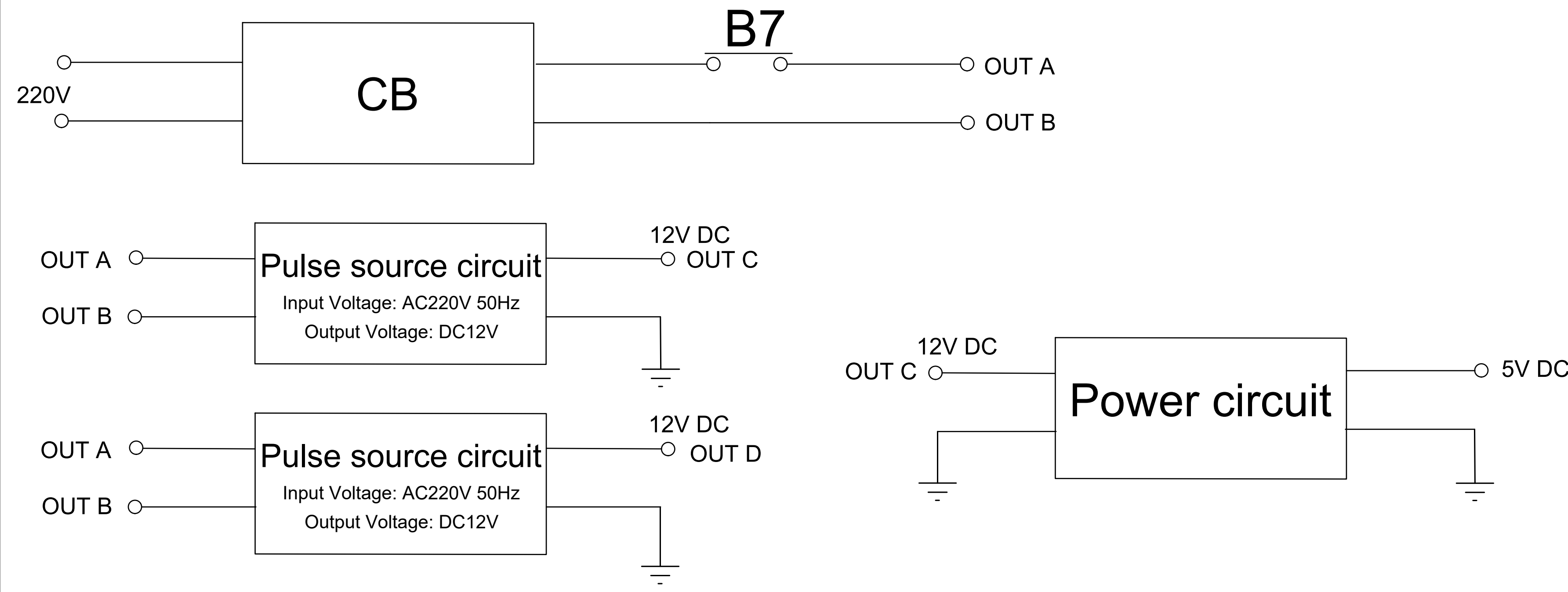
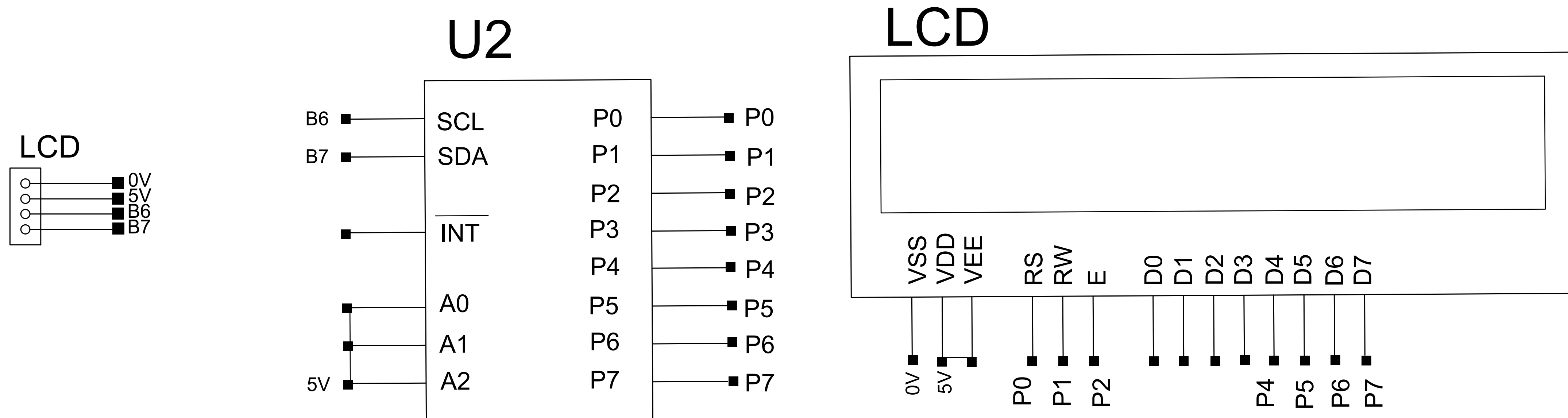


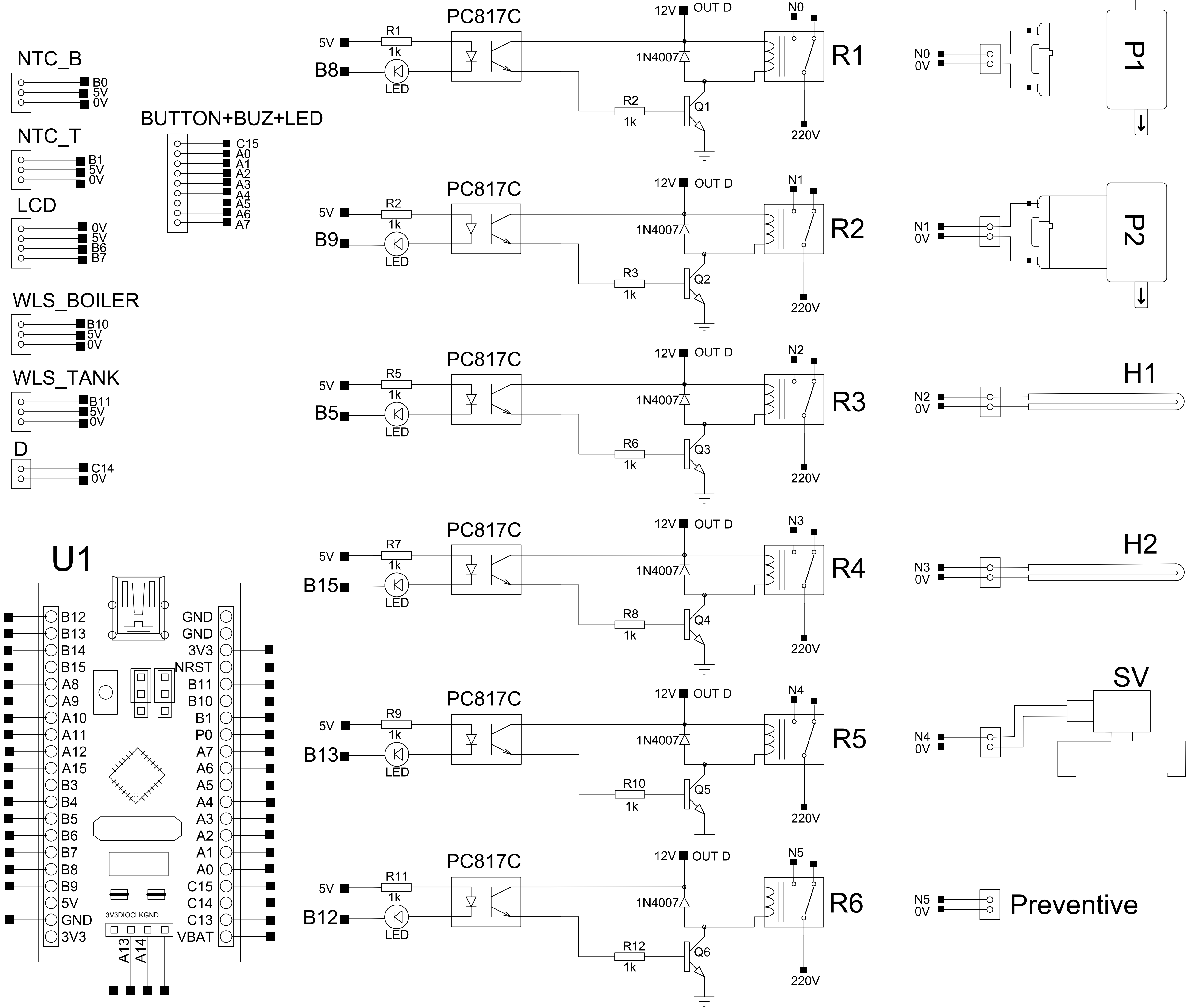
POWER SUPPLY



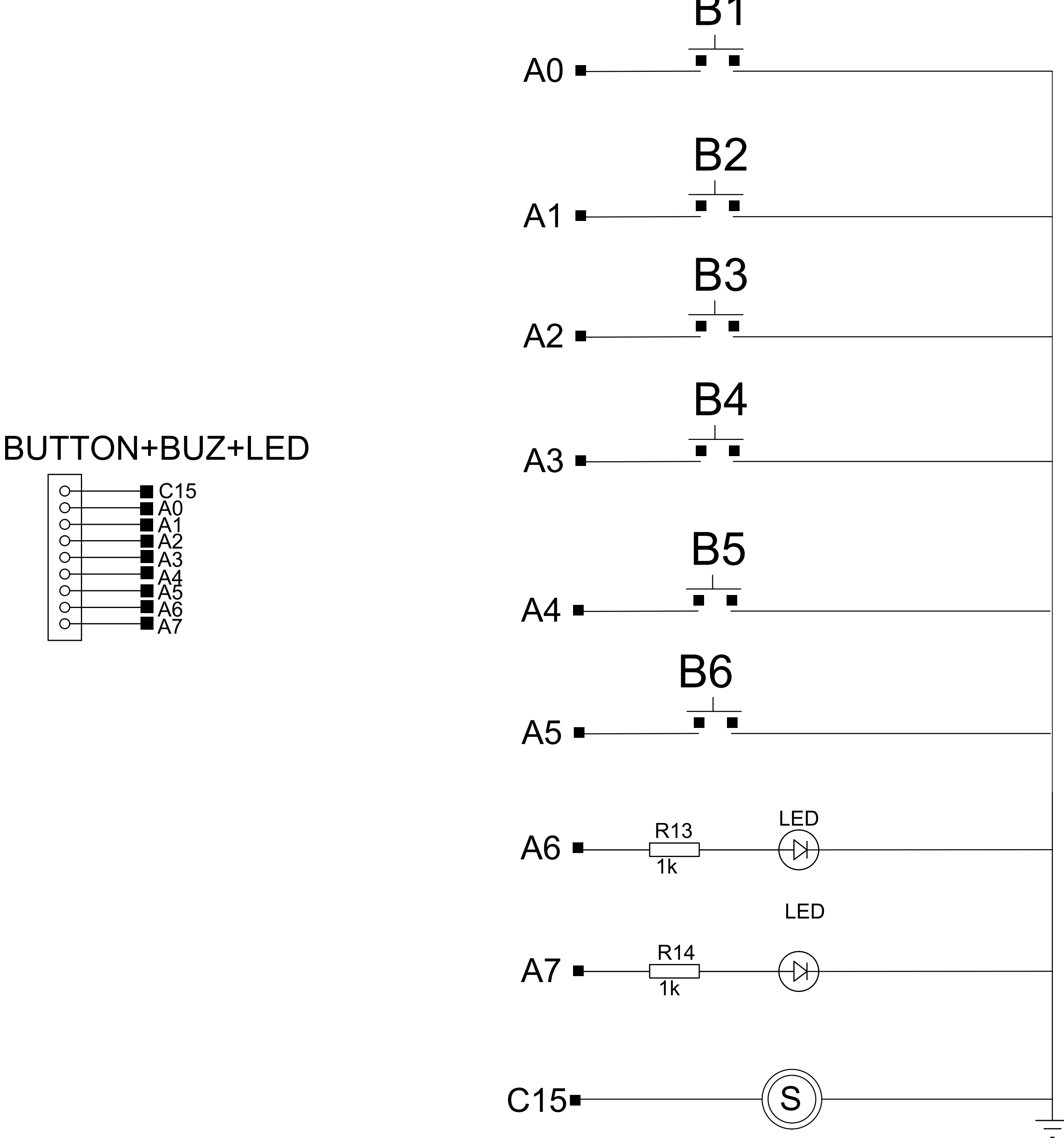
DISPLAY BLOCK



MAIN CIRCUIT



BUTTON BLOCK



| Symbol | Name | Quantity | Material | Note |
|--------|--------------------|----------|-------------------|------|
| CB | Circuit breaker | 1 | Plastic, Aluminum | |
| S | Buzzer | 1 | Plastic, Aluminum | |
| P | Water Pump | 2 | Steel, Plastic | |
| SV | Solenoid Valve | 1 | Steel | |
| D | Magnetic Sensor | 1 | Plastic, Copper | |
| H | Heating Element | 2 | Steel | |
| WLS | Water Level Sensor | 2 | Plastic, Copper | |
| B | Button | 6 | Plastic, Aluminum | |
| NTC | Temperature Sensor | 2 | Plastic, Copper | |
| R | Relay | 6 | Plastic, Steel | |
| Q | TRANSISTOR C1815 | 6 | Plastic, Aluminum | |
| U2 | PCF8574 | 1 | Plastic | |
| U1 | STM32F103C8T6 | 1 | Plastic | |

| Responsibility | Name | Signature | Date |
|----------------|---------------------|-----------|------|
| Supervisor | Dr. Dang Phung Vinh | | |
| Co-supervisor | Dr. Nguyen Tam Uy | | |
| Reviewer | Dr. Vo Nhat Thanh | | |
| | Truong Van Vu | | |
| Students | Tran Dinh Nam | | |
| | Do Van Tin | | |

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| ELECTRONIC DRAWING | |
| HOANG ANH UNIVERSITY UNIVERSITY OF SCIENCE & TECHNOLOGY FACULTY OF MECHANICAL ENGINEERING CLASS OF MECH1 | |