

The diagram illustrates the internal wiring of a control unit, showing the connections between the Main Controller, the 16 Channel Relay Module, the SSR (Solid State Relay), and various sensors/actuators. The unit is powered by a 24V AC supply (L, N, 24V, 12V, 5V, 5V, GND, GND).

**Main Controller Connections:**

- Power:** 24V AC (L, N), 12V, 5V, GND.
- DC Connector:** SSR PSU, SSR L4, SSR L3, SSR L2, SSR L1, ECHO MIX, TRIG MIX, ECHO TANK, TRIG TANK, ECHO PPKA, TRIG PPKA, ECHO PPKB, TRIG PPKB, ECHO MIST, TRIG MIST, GND, 24V, 8V, 12V, GND, 5V, 12V OPTIONAL.
- Other:** AIR BAKU, PUPUK A, PUPUK B, LUX1, NUT1, TRIG1, ECHO1, LUX2, NUT2, TRIG2, ECHO2, LUX3, NUT3, TRIG3, ECHO3, LUX4, NUT4, TRIG4, ECHO4, DHT22, NUT MIXER, IN12V, GND, +24V.

**16 Channel Relay Module Connections:**

- DC Connector:** AERATOR SL1, AERATOR SL2, AERATOR SL3, AERATOR SL4, DRAINER SL1, DRAINER SL2, DRAINER SL3, DRAINER SL4, FILLER SL1, FILLER SL2, FILLER SL3, FILLER SL4, FAN MIST, P\_PPKB, P\_PPKA, P\_AIRBAKU.
- Other:** IDC.

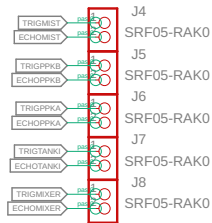
**SSR Connections:**

- DC Connector:** DC+, DC-, 1, 2, 3, 4, 5, 6, 7, 8.
- Other:** X, X, X, V+ MIST, V LAMPU SL1, V LAMPU SL2, V LAMPU SL3, V LAMPU SL4.

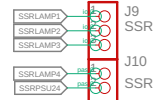
**Terminal Block Connections:**

- Terminal Block 1:** L, N, 24V, 12V, 5V, 5V, GND, GND.
- Terminal Block 2:** AIR BAKU, PUPUK A, PUPUK B.
- Terminal Block 3:** LUX1, NUT1, TRIG1, ECHO1, LUX2, NUT2.
- Terminal Block 4:** TRIG2, ECHO2, LUX3, NUT3, TRIG3, ECHO3.
- Terminal Block 5:** LUX4, NUT4, TRIG4, ECHO4, DHT22, NUT MIXER.
- Terminal Block 6:** ECHO MIX, TRIG MIX, ECHO TANK, TRIG TANK, ECHO PPKA, TRIG PPKA, ECHO PPKB, TRIG PPKB, ECHO MIST, TRIG MIST.

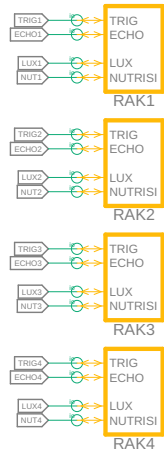
SSR USED  
5 CHANNEL



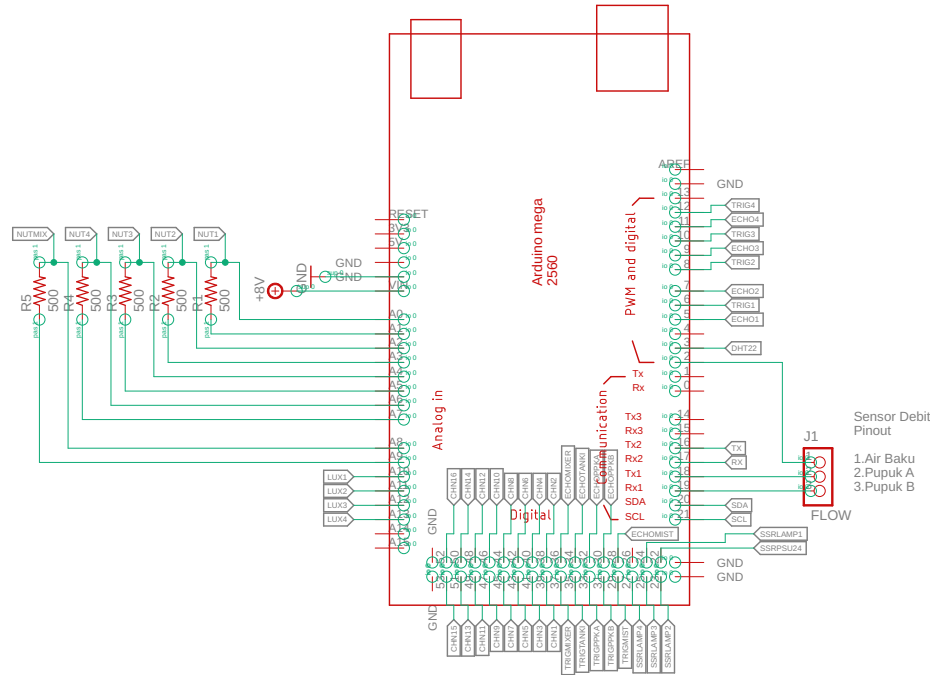
WATER LEVEL  
ULTRASONIC



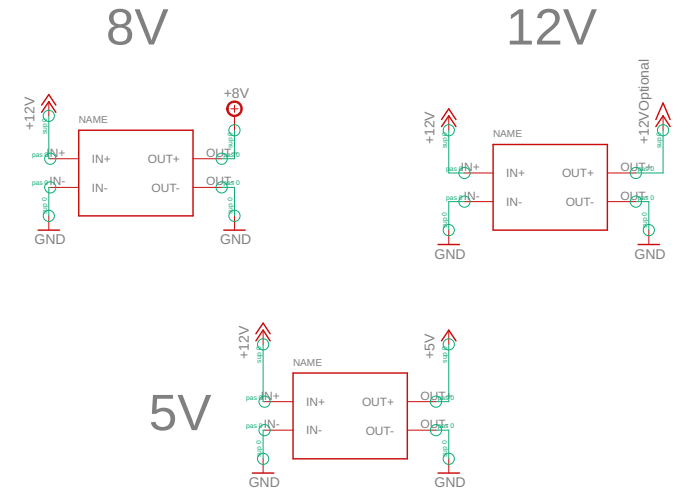
SSR CON



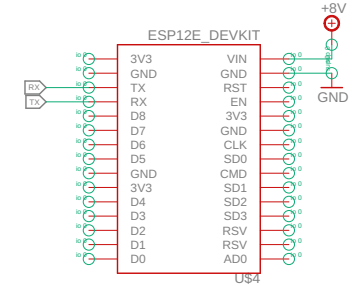
SENSOR RAK 1-4



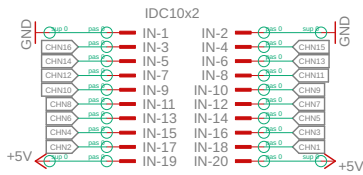
MAIN ARDUINO MEGA



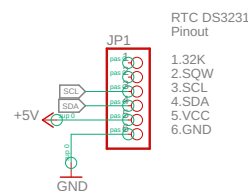
BUCK CONVERTER



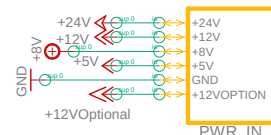
NODEMCU



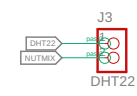
IDC Con Relay 16 Channel



RTC DS3231



Power



DHT22

MAIN SCH

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