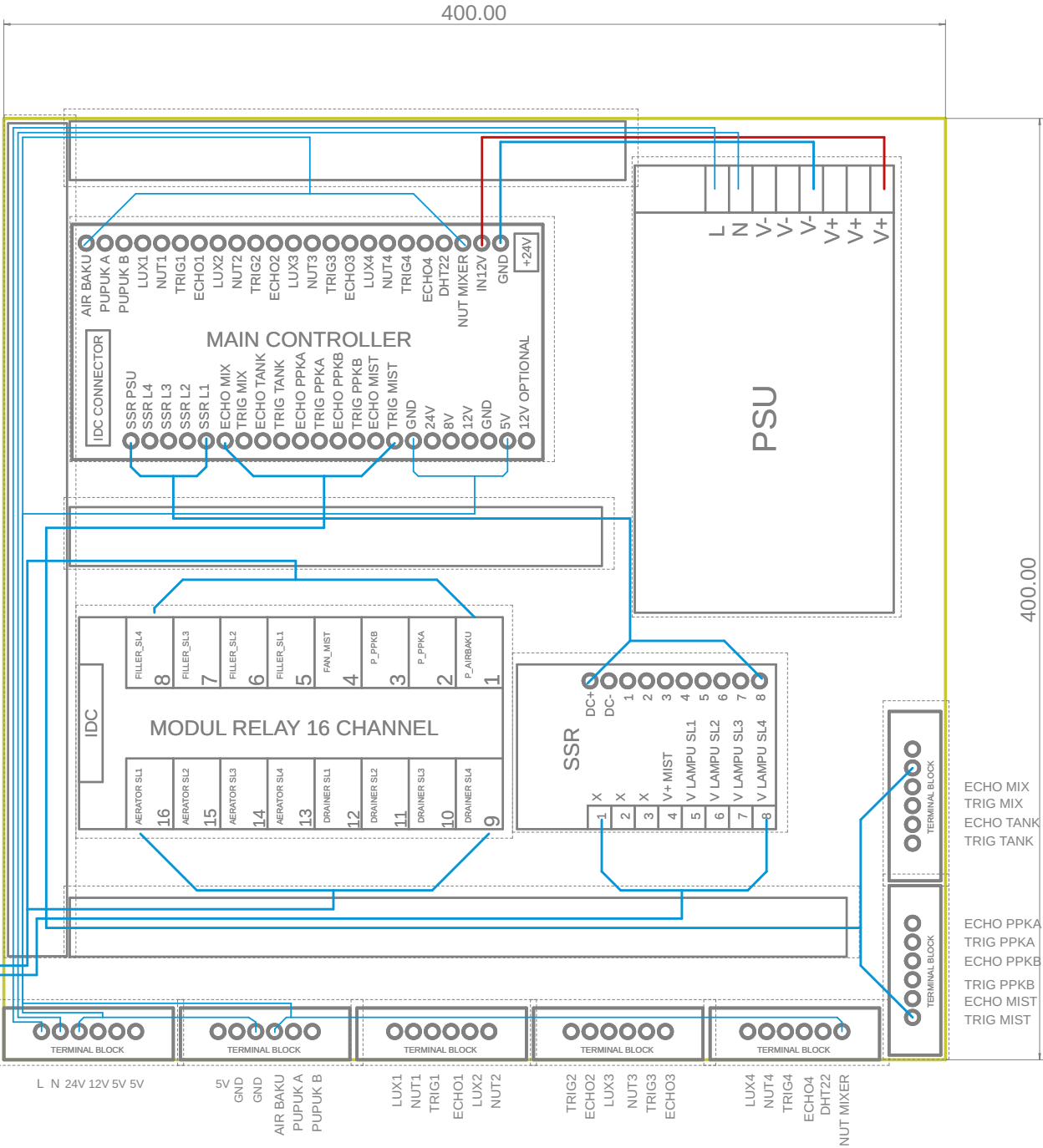
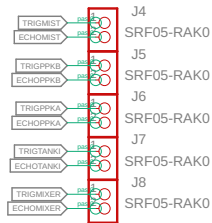


# TATA LETAK PANEL

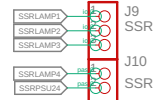
16 CHANNEL  
RELAY

SSR USED  
5 CHANNEL

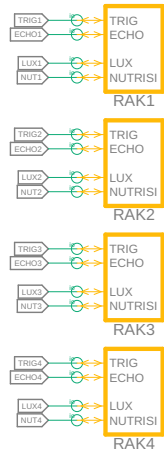




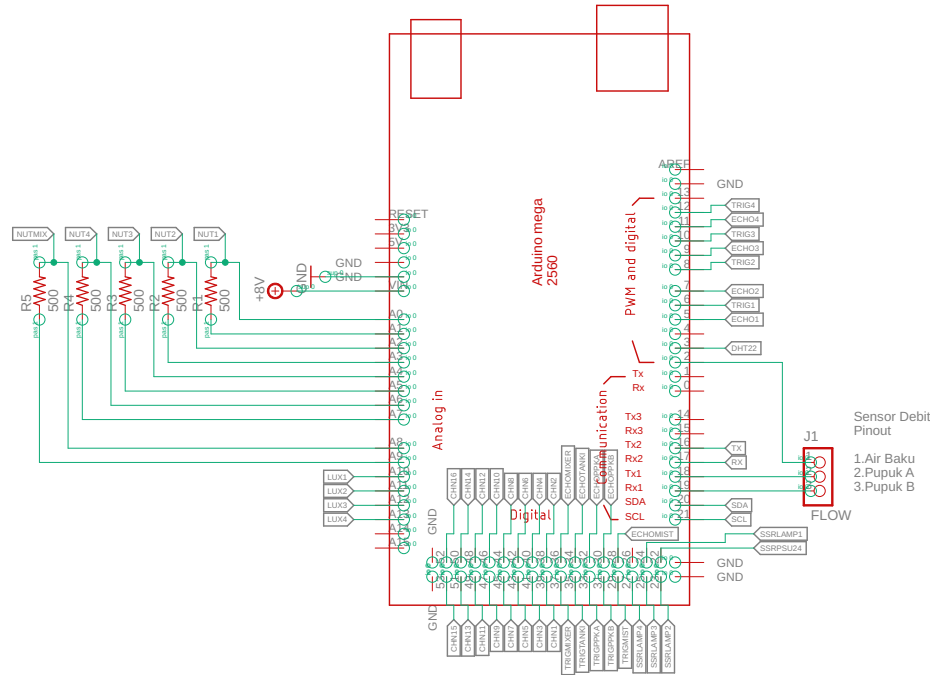
WATER LEVEL  
ULTRASONIC



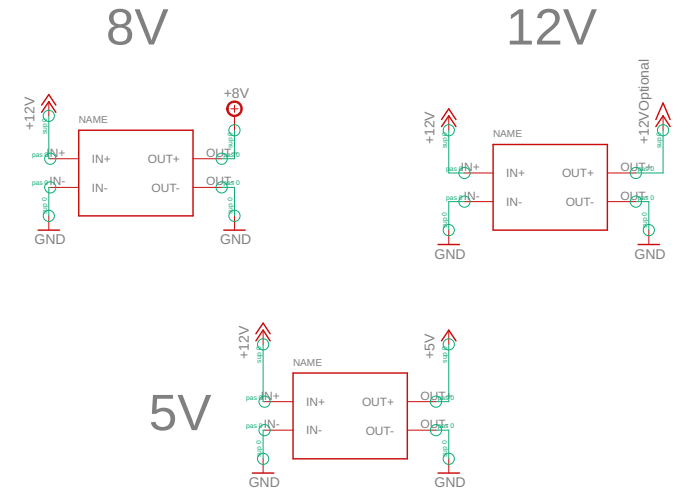
SSR CON



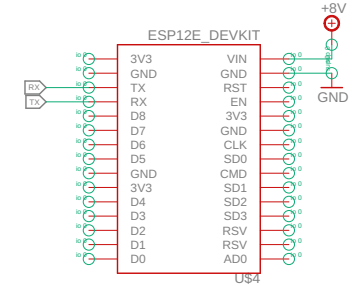
SENSOR RAK 1-4



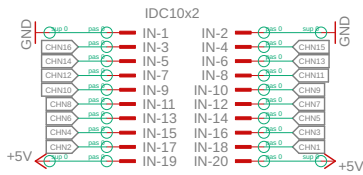
MAIN ARDUINO MEGA



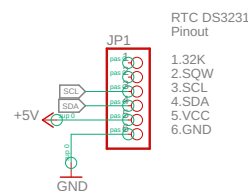
BUCK CONVERTER



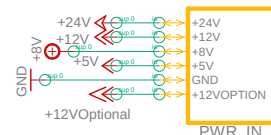
NODEMCU



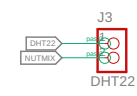
IDC Con Relay 16 Channel



RTC DS3231



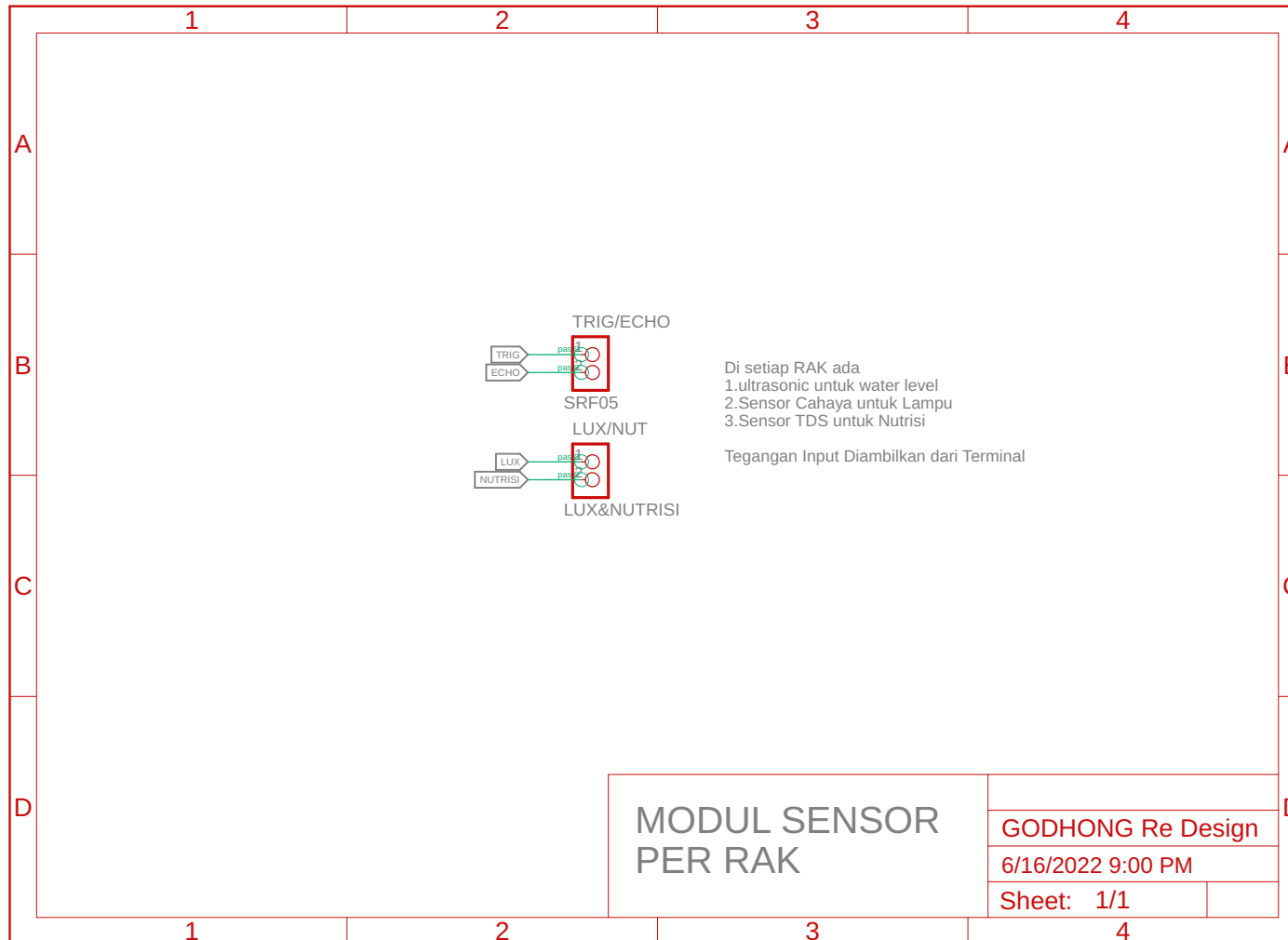
Power



DHT22

MAIN SCH

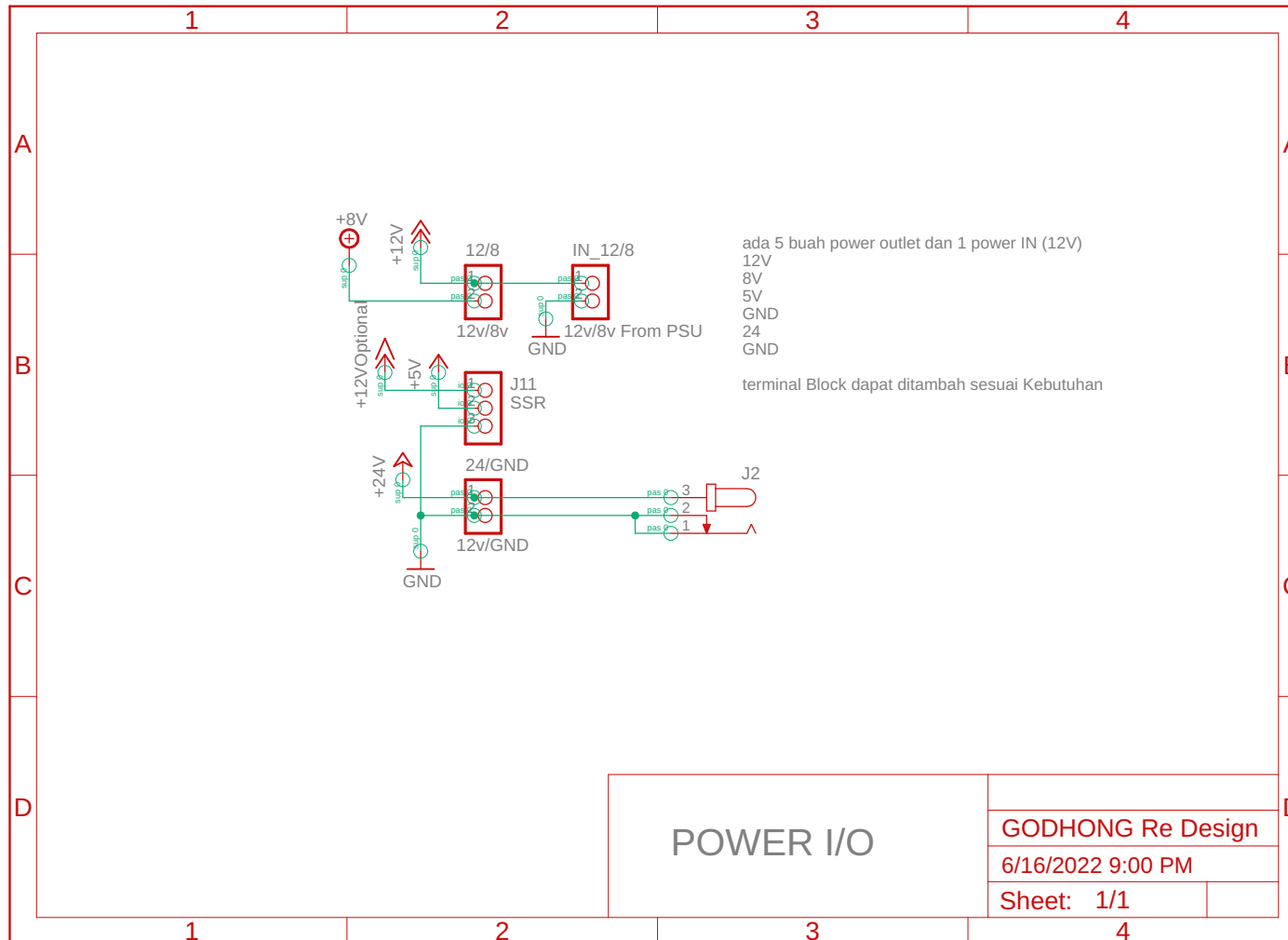
TITLE: GODHONG Re Design	
Document Number:	REV:
Date: 6/16/2022 9:00 PM	Sheet: 2/2



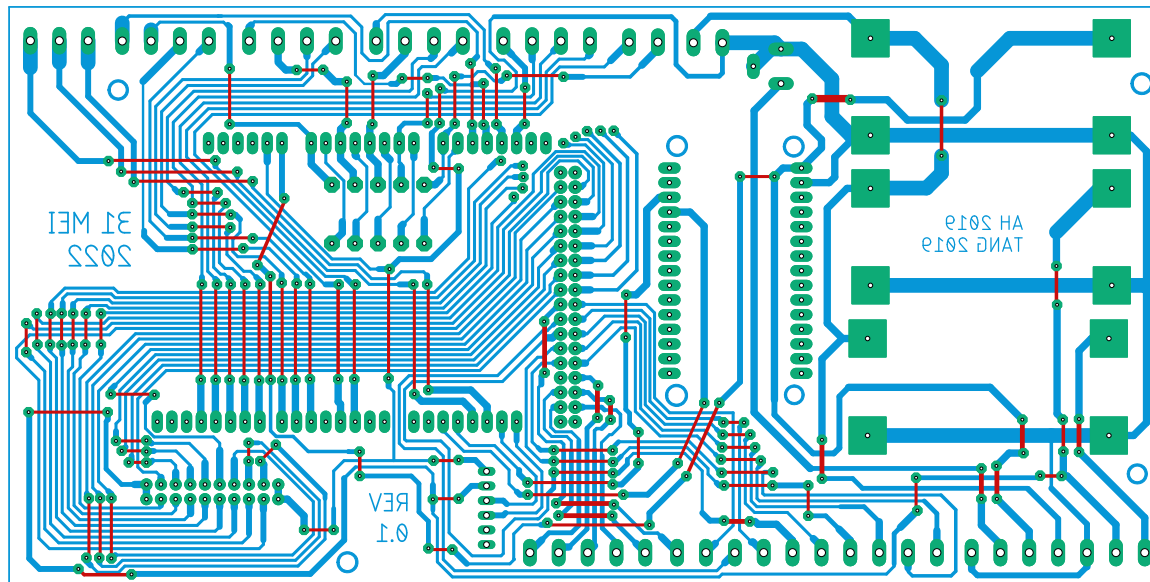
Di setiap RAK ada

- 1.ultrasonic untuk water level
- 2.Sensor Cahaya untuk Lampu
- 3.Sensor TDS untuk Nutrisi

Tegangan Input Diambilkan dari Terminal



## Board TOP DOWN



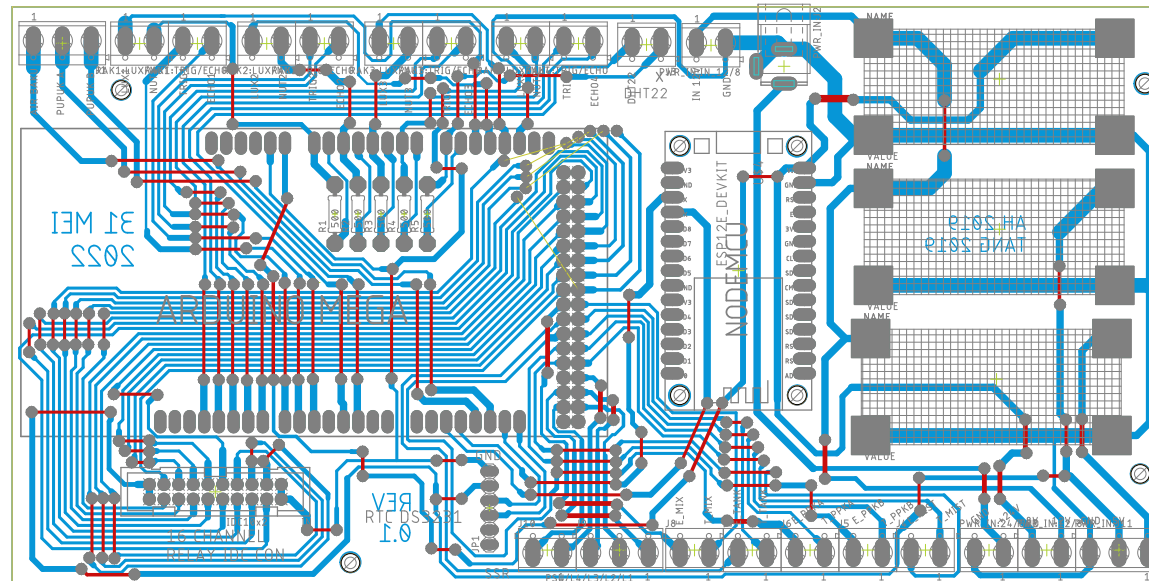
# Board Detail

SENSOR LUX,NUTRISI,  
ECHO, TRIGGER  
RAK 1 SAMPAI 4

INPUT DARI PSU

+24V UNTUK  
MIST MAKER

24V UNTUK MIST MAKER  
GND DARI PSU  
INPUT 12 DARI PSU  
SENSOR NUTRISI MIXER  
DATA DHT  
ECHO LEVEL AIR RAK 4  
SENSOR NUTRISI RAK 4  
ECHO LEVEL AIR RAK 3  
SENSOR NUTRISI RAK 3  
ECHO LEVEL AIR RAK 2  
SENSOR NUTRISI RAK 2  
ECHO LEVEL AIR RAK 1  
SENSOR NUTRISI RAK 1  
TRIGGER LEVEL AIR RAK 1  
ECHO LEVEL AIR RAK 1  
SENSOR LUX RAK 1  
FLOW PUPUK A  
FLOW PUPUK B  
FLOW AIR BAKU



VIA IDC

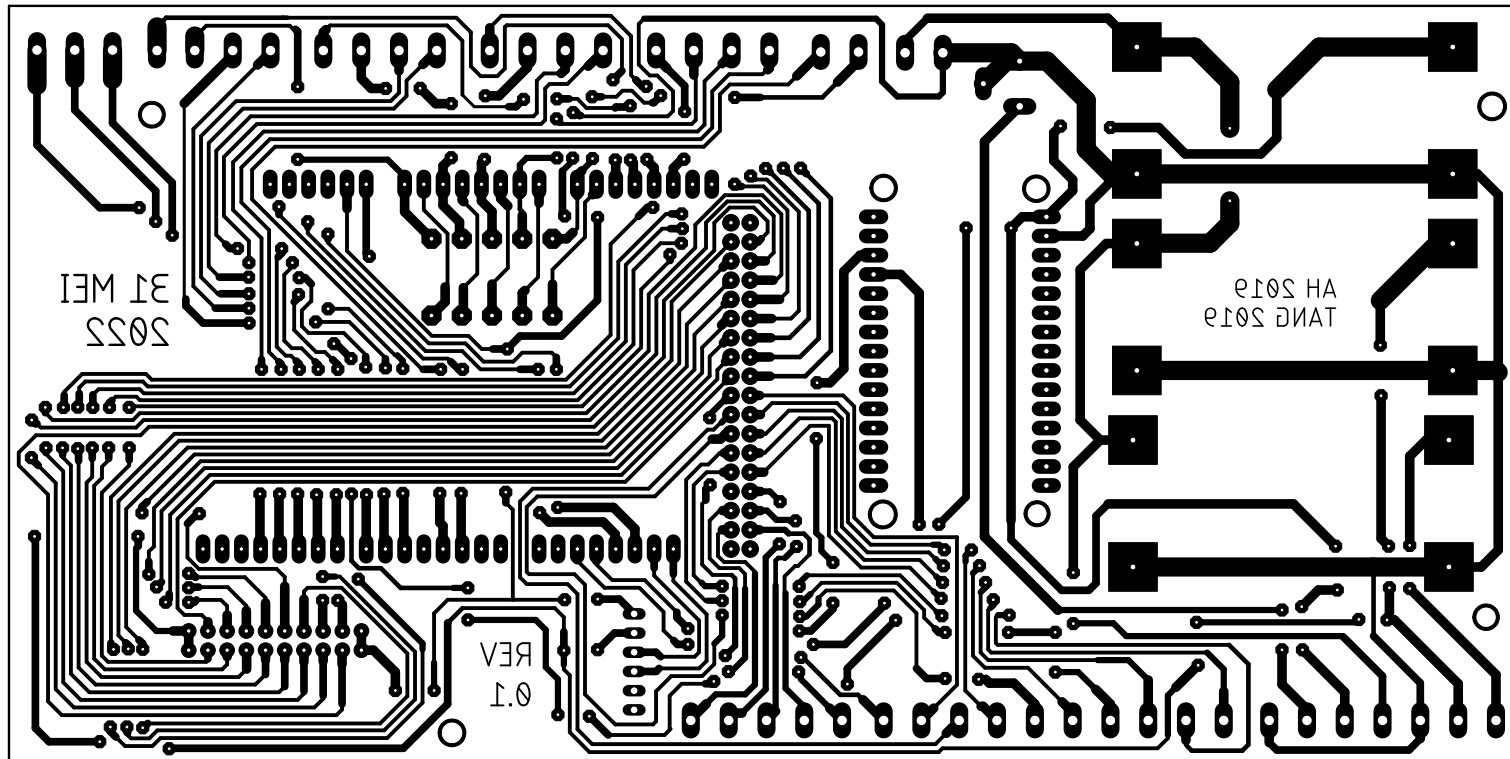
5v	2	4	6	8	10	12	14	16	
5v	1	3	5	7	9	11	13	15	GND

SSRPSU24  
SSRLAMP4  
SSRLAMP3  
SSRLAMP2  
SSRLAMP1  
ECHO MIXER  
TRIGGER MIXER  
ECHO TANK1  
TRIGGER TANK1  
ECHO PPKA  
TRIGGER PPKA  
ECHO PPKB  
TRIGGER PPKB  
ECHO MIST  
TRIGGER MIST  
GND +24V +8V +12V GND +5V +12V OPTIONAL

KE RELAY 16 CHANNEL  
VIA KONEKTOR IDC

–SSR  
–WATER LEVEL RAK 0  
–POWER OUTLET

## Jalur Rangkaian



## Silk Screen

