|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Microkontroller ESP32 UE Wroom | Sensor Input | **Humidity** | SHT31 | 3.3v | I2C |
|  | **Presure** | PSAN-1CPA | 12v | ADS1115 (I2C) |
|  | **CO** | MQ-9 | 5v |
|  | **Temp 1** | DS 18B20 | 3.3v | Onewire (A) |
|  | **Temp 2** | DS 18B20 | 3.3v | Onewire(A) |
|  | **RTC** | DS3231 | 3.3v | I2C |
|  |  |  |  |  |
| Output | **Buzzer AC** | - | Relay | D |
|  | **Buzzer DC** | - | 5v | D |
|  | **Motor 1** | - | Relay | D |
|  | **Motor 2** | - | D |
|  | **Auto Drain** | - | D |
|  | **LCD** | Nextion | 5v | RX TX |
|  | **LoRa** | Ra-02 / E220 | 3.3 v | SPI |
|  | **SDCARD** | MSD-4-A | 5v | SPI |
|  | **F-ram** | FM24C64 | 5v | I2C |

Keterangan:

D = Pin Digital

A = Pin Analog

Tabel Warna Biru = Pengembangan dalam PCB