1. Konfigurasi Pin DHT22

|  |  |
| --- | --- |
| **DHT22** | **ESP32** |
| + | 3V3 |
| - | GND |
| Out | GND |

1. Konfigurasi Pin DS18B20

|  |  |
| --- | --- |
| **DS18B20** | **ESP32** |
| VCC (Kabel Merah) | 3V3 |
| GND (Kabel Hitam) | GND |
| DATA (Kabel Kuning) | Pin 23 |

1. Konfigurasi Pin Sensor PH

|  |  |
| --- | --- |
| **PH** | **ESP32** |
| Data Output (Kabel HItam) | Pin 35 |
| GND (Kabel Putih) | GND |

1. Konfigurasi Pin Soil Moisture

|  |  |
| --- | --- |
| **Soil Moisture** | **ESP32** |
| Data Output (Kabel Hitam) | Pin 34 |
| GND (Kabel Putih) | GND |

1. Konfigurasi MAX485 (Modul RS485)

|  |  |
| --- | --- |
| **MAX485** | **ESP32** |
| RO | Pin 16 (RX2) |
| RE DE | Pin 32 |
| D1 | Pin 17 (TX2) |
| VCC | 3V3 |
| GND | GND |

Berikuat adalah tambahan konfigurasi pin Jika menggunakan Modul ADC abaikan jika tidak digunakan.

1. Konfigurasi Pin ADS1115

|  |  |
| --- | --- |
| **ADS1115** | **ESP32** |
| VDD | 3V3 |
| GND | GND |
| SCL | Pin 22 |
| SDA | Pin 21 |

1. Konfigurasi Pin Sensor PH dan ADS1115

|  |  |
| --- | --- |
| **PH** | **ADS1115** |
| Data Output (Kabel HItam) | A0 |
| GND (Kabel Putih) | GND |

1. Konfigurasi Pin Soil Moisture dan ADS1115

|  |  |
| --- | --- |
| **Soil Moisture** | **ADS1115** |
| Data Output (Kabel Hitam) | A1 |
| GND (Kabel Putih) | GND |