

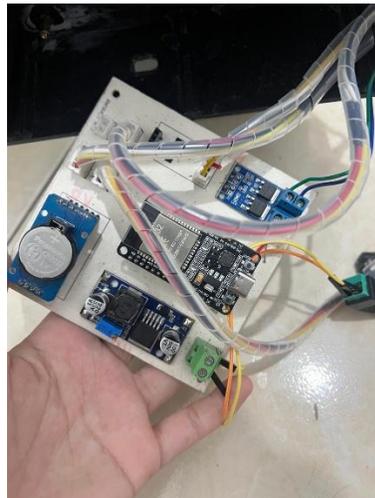
DAFTAR PUSTAKA

LAMPIRAN

Lampiran 1 Tampilan Hasil Alat



Lampiran 2 Tampilan Rangkaian PCB



Lampiran 3 Tampilan Monitoring di Blynk



Lampiran 4 Kode Program Pengambilan Data

```
#include <Wire.h>
```

```
#include <LiquidCrystal_I2C.h>
```

```
#include <DHT.h>
```

```
#include <BH1750.h>
```

```
#include "RTClib.h"
```

```
#include <WiFi.h>
```

```
#include <HTTPClient.h>
```

```
// === WiFi & ThingSpeak ===  
  
const char* ssid = "alyaasrgr";  
  
const char* password = "alya1902";  
  
const char* apiKey = "MCHGCC5TWS8O6TIQ";  
  
  
// === LCD I2C ===  
  
LiquidCrystal_I2C lcd(0x27, 16, 2);  
  
  
// === DHT22 ===  
  
#define DHTPIN 27  
  
#define DHTTYPE DHT22  
  
DHT dht(DHTPIN, DHTTYPE);  
  
  
// === Kelembaban Tanah ===  
  
#define SOIL_PIN 34  
  
  
// === BH1750 ===  
  
BH1750 lightMeter;  
  
  
// === RTC ===  
  
RTC_DS3231 rtc;
```