

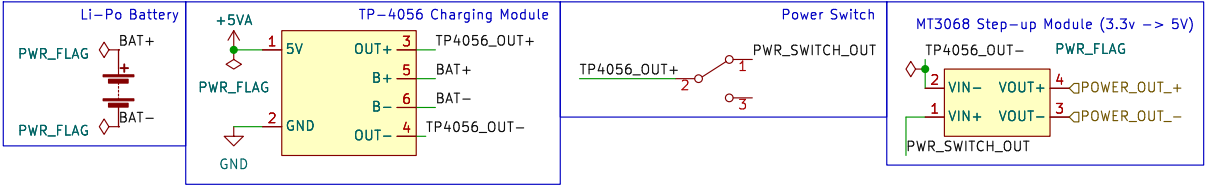
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Bostang Palaguna  
**Institut Teknologi Bandung**

Sheet: /  
File: WMS.kicad\_sch

**Title: WMS Scanner**

Size: A5 Date: 2024-03-05  
KiCad E.D.A. kicad (7.99.0-200-gad838e3d73)

**Rev: 2.1**  
Id: 1/5



Komponen	Referensi PCB Footprints
TP-4056 Charging Module	<a href="https://github.com/ccadic/TP4056-18650">https://github.com/ccadic/TP4056-18650</a>
MT3068 Step-up Module	<a href="https://github.com/kubabuda/misc_footprints/tree/master">https://github.com/kubabuda/misc_footprints/tree/master</a>

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Sheet: /Subsistem Power/  
File: Power.kicad\_sch

**Title: Subsistem Power**

Size: A5	Date: 2024-03-05	Rev: 2.1
KiCad E.D.A. kicad (7.99.0-200-gad838e3d73)		Id: 2/5

Subsistem Display terdiri dari OLED, LED, dan juga Buzzer

OLED 128x64 Display 0.96 Inch (I2C)

OLED\_SDA 4 SDA  
OLED\_SCL 3 SCL  
OLED\_VCC 2 VCC  
OLED\_GND 1 GND

Buzzer

BUZZ+ 1  
BUZZ- 2

LED (green)

LED\_G\_AD LED\_G\_C

LED (red)

LED\_R\_AD LED\_R\_C

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Sheet: /Subsystem Display/  
File: Display.kicad\_sch

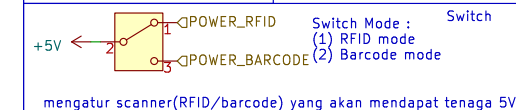
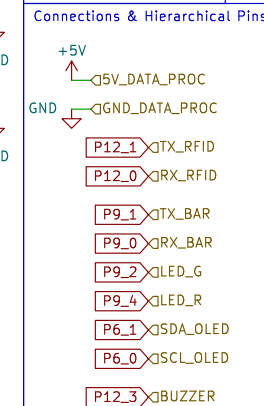
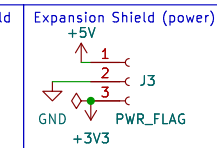
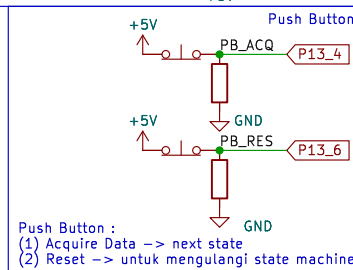
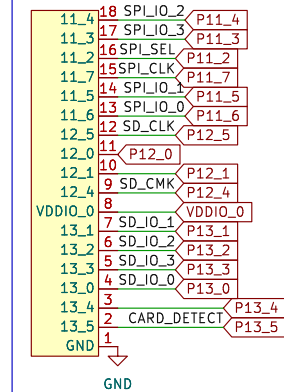
**Title: Subsystem Display**

Size: User Date: 2024-03-05

**Rev: 2.1**

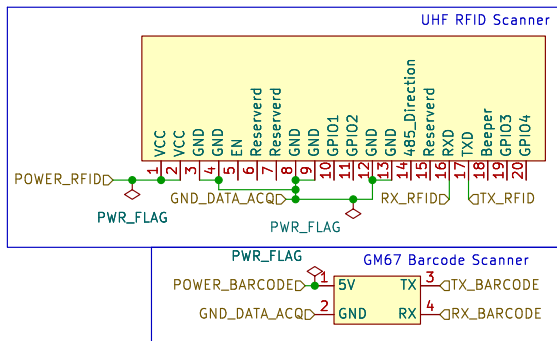
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1. TX : PX\_1, RX : PX\_0. TX data proc. dihubungkan dengan RX data acq. dan sebaliknya.

Id: 4/5



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Sheet: /Subsistem Data Acquisition/

File: DataAcquisition.kicad\_sch

**Title: Subsistem Data Acquisition**

Size: User

Date: 2024-03-05

**Rev: 2.1**

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