

MainBoard

Main board for the Azobopi
ESP32 DevKitC
HR8833 Dual Hbridge
<https://www.dfrobot.com/product-1492.html>

File: MainBoard.kicad_sch

Power

Power Supply Board
NCP1117DT33G Linear Regulator
<https://www.digikey.pt/pt/products/detail/onsemi/NCP1117DT33G/1483318>

File: Power.kicad_sch

ButtonBoard

Button Board
Push buttons
<https://www.botnroll.com/pt/kits-interruptores-botoes/533-botoes-de-pessao-coloridos-x12.html>
NeoPixel 8mm
<https://www.adafruit.com/product/1734>

File: ButtonBoard.kicad_sch

EBIRP

Sheet: /
File: Azobopi_v1.kicad_sch

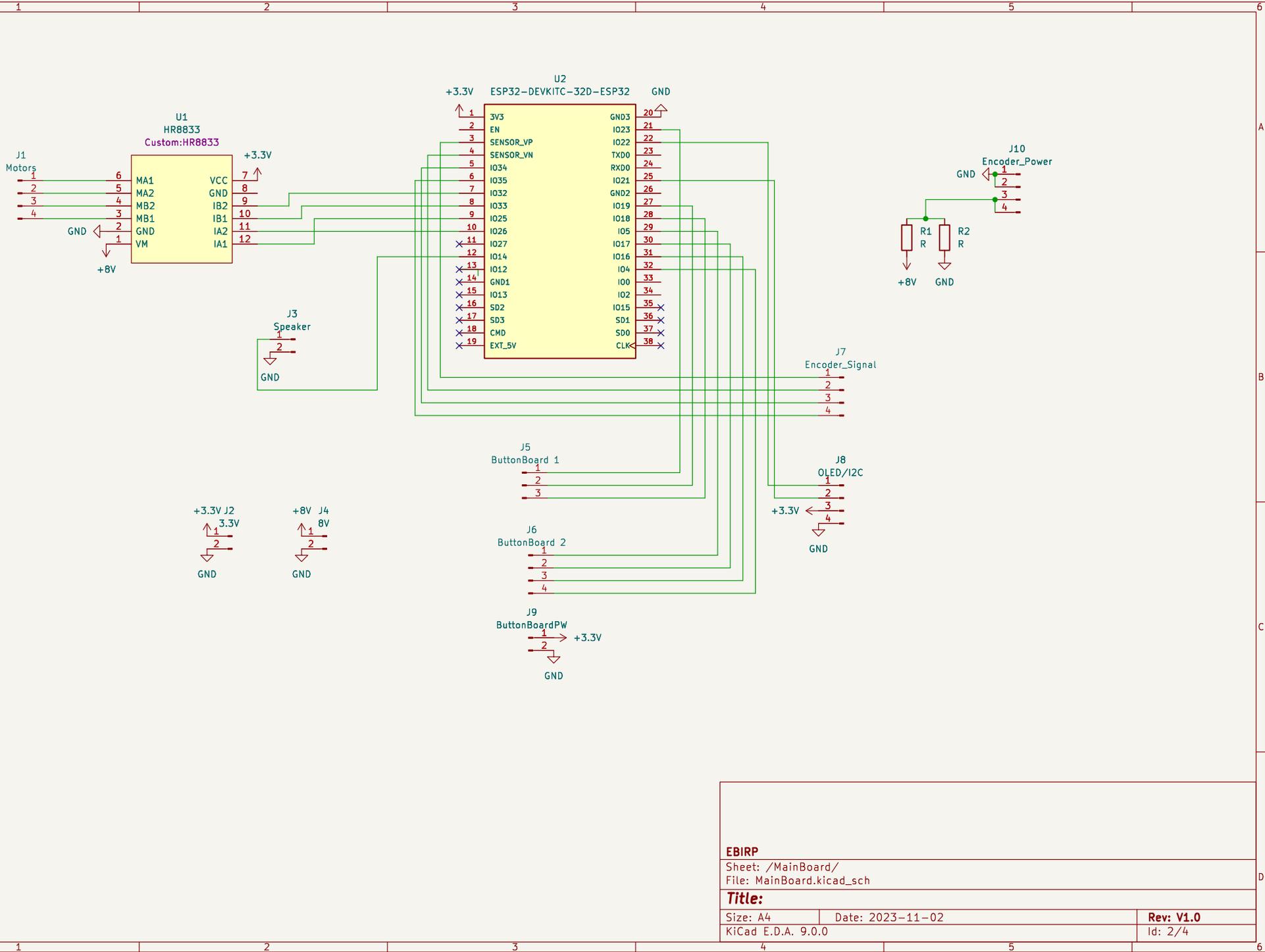
Title: Main Board

Size: A4 Date: 2023-11-02

Rev: V1.0

KiCad E.D.A. 9.0.0

Id: 1/4



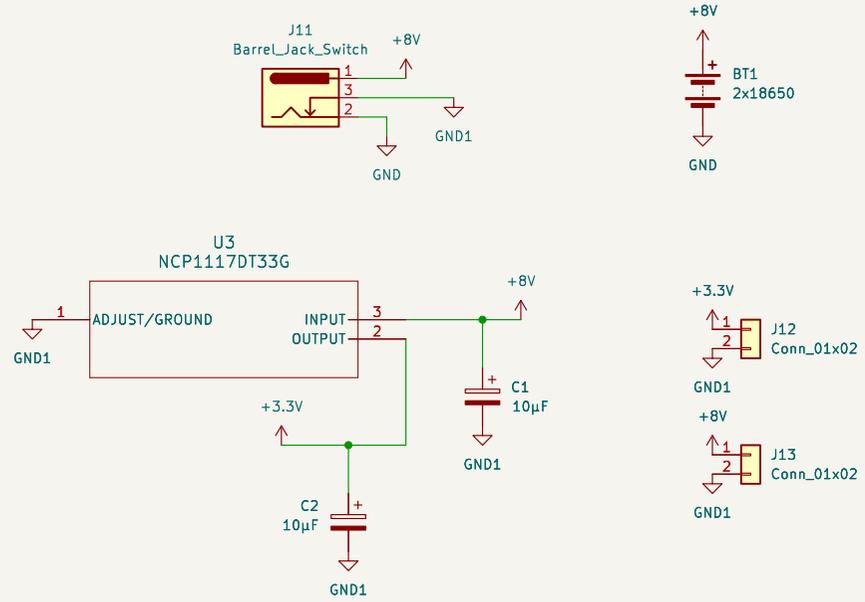
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Title:

Size: A4 Date: 2023-11-02
KiCad E.D.A. 9.0.0

Rev: V1.0
Id: 2/4



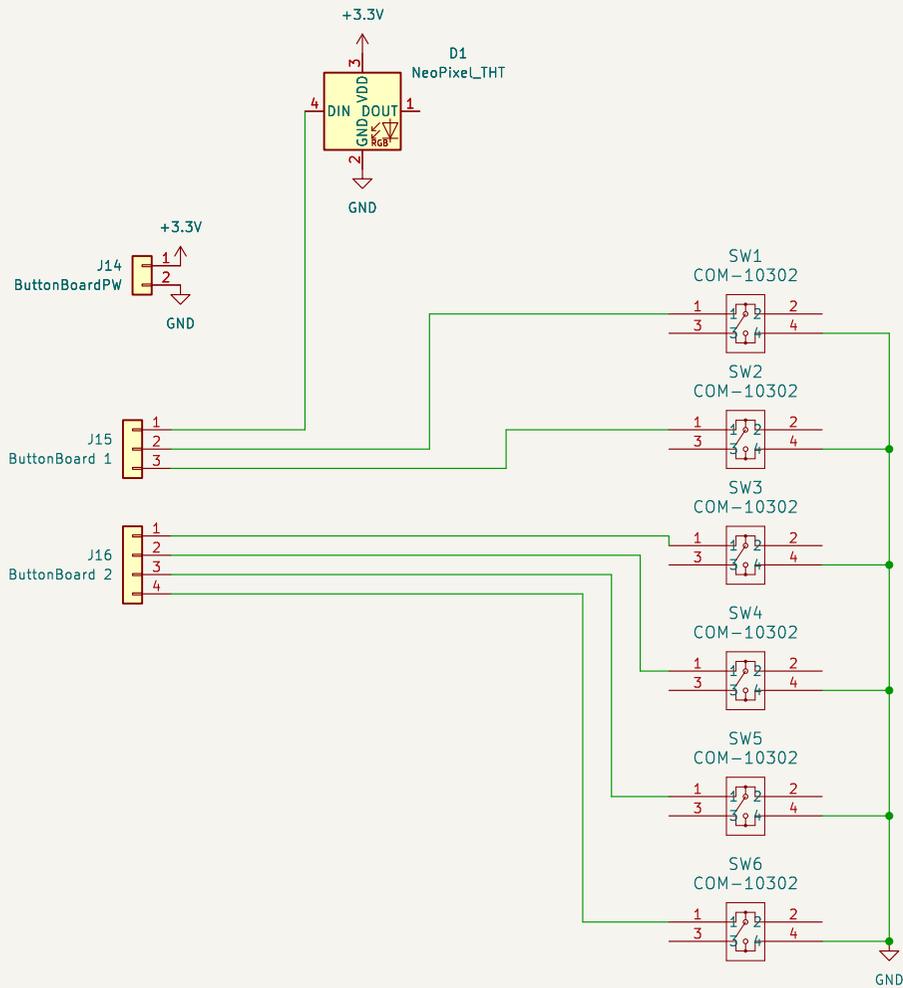
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File: Power.kicad_sch

Title: Azobopi Power Supply

Size: A4 Date: 2023-11-02
KiCad E.D.A. 9.0.0

Rev: V1.0
Id: 3/4



EBIRP

Sheet: /ButtonBoard/
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Title:

Size: A4
 KiCad E.D.A. 9.0.0

Date: 2023-11-02

Rev: **V1.0**
 Id: 4/4