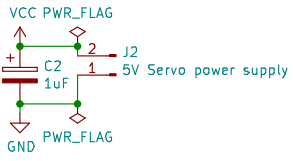


- 1: left foot
- 2: left knee
- 3: left hip
- 4: right hip
- 5: right knee
- 6: right foot
- 7: Gnd
- 8: Vcc 5V

J1 Robi servos



Optional.
U2, Q7: if you want to run the robot from a battery
R7, R8: if you want to measure the battery voltage

Remark: 18650 size LiIO
Battery is connected to
the charger module directly

Robi based on RP2040 PicoW board
Pico W battery powered using TP4056 charger board
Servos powered using DCDC converter to boost battery voltage to 5.5V
Battery charged via PicoW USB connector

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File: Robi.kicad_sch

Title: Electronics for Robi humanoid walking Robot

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KiCad E.D.A. kicad 6.0.2+dfsg-1		Id: 1/1