Back panel

Mains switch

3 — 4
1 — 2

Back panel

C14 connector
with fuse holder

L
PE
N

R1
10k

USB connector

USB_IF

J2-1
J2-2
J2-3
J2-4
J2-5

File: USB_IF.kicad_sch

230VAC

8VAC

8VAC

16VAC

16VAC

psu_digital

J1-1
J1-2
J2-1
J2-2
J3-1
J3-2
J4-1
J4-2

J7-1
J7-2   KEY4
J7-3   KEY3
J7-4   KEY2
J7-5   KEY1

J8-2   TX_DISP
J8-3   3V3
J8-1   GND

J10-1   GND
J10-2   TX_DAC
J10-3   3V3

J9-1   GND
J9-2   RX_USB
J9-3   TX_USB

J5-1   −15VA
J5-2   GNDA
J5-3   +15VA
J5-4   GNDA
J5-5   +5VA

File: psu_digital.kicad_sch

User buttons

display

J1-5
J1-4
J1-3
J1-2
J1-1

File: display.kicad_sch

rsyn

J1-1
J1-2
J1-3
J1-4
J1-5
J1-6
J2-6
J2-5
J2-4
J2-3
J2-1
J2-2

J3-1
J3-2
J3-3
J3-4
J3-5
J3-6

File: rsyn.kicad_sch

4mm banana binding posts

1   FORCE_HI

1   SENSE_HI

1   SENSE_LO

1   FORCE_LO

J1-1
J1-2
J2-1
J2-2
J3-1
J3-2
J4-1
J4-2

J5-1   J7-1   J8-1   J9-1   J10-1
J5-2   J7-2   J8-2   J9-2   J10-2
J5-3   J7-3   J8-3   J9-3   J10-3
J5-4   J7-4
J5-5   J7-5

Sheet: /psu_digital/
File: psu_digital.kicad_sch
Title:
Size: A4   Date: Rev:
KiCad E.D.A. kicad 7.0.1-3b83917a11-172~ubuntu20.04.1   Id: 3/5

J1-1
J1-2
J1-3
J1-4
J1-5

J1-1   J2-1   J3-1
J1-2   J2-2   J3-2
J1-3   J2-3   J3-3
J1-4   J2-4   J3-4
J1-5   J2-5   J3-5
J1-6   J2-6   J3-6