65 mm

58 mm

KIKIT: width: 3mm

Tab

KIKIT: width: 3mm

Tab

Tab

KIKIT: width: 3mm

49 mm

56 mm

5 mm

17 mm

19.5 mm

3.5 mm

3 mm

Open Pedalboard Soundcard
github.com/pedalboard
PCB 1.0.1-RC d4f3fb0

open source hardware

FID1

FID2

FID3

R+ GND R+
GND
+ OUT
JP2

R+ GND L-
R- GND L+
IN

Pcb edge

Pcb edge

J5

Dimensions taken from
https://github.com/raspberrypi/hats/blob/master/hat-board-mechanical.pdf

Sheet: Front copper
File: pedalboard-soundcard.kicad_pcb

Title: *Open Pedalboard Soundcard*

Size: A4 | Date: 2024-10-16 | **Rev: 1.0.1-RC**

KiCad E.D.A. 9.0.1 + KiBot v1.8.4 | Id: 1/6
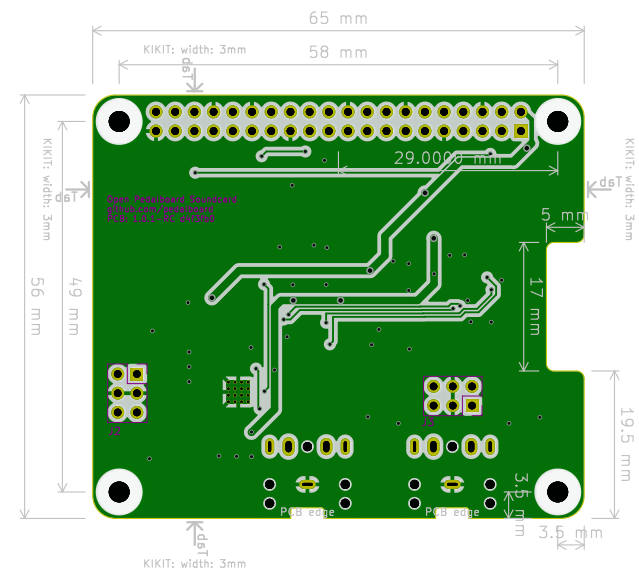
Dimensions taken from
https://github.com/raspberrypi/hats/blob/master/hat-board-mechanical.pdf

Sheet: Bottom copper
File: pedalboard-soundcard.kicad_pcb

Title: Open Pedalboard Soundcard

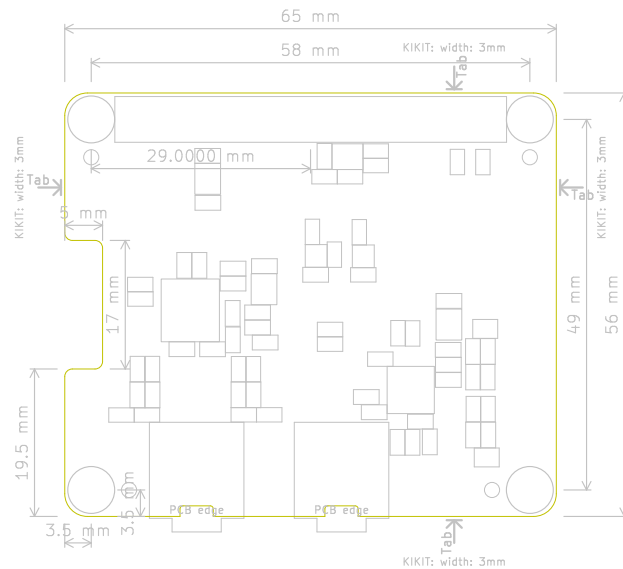| Size: A4	Date: 2024-10-16	**Rev: 1.0.1-RC**
KiCad E.D.A. 9.0.1 + KiBot v1.8.4		Id: 2/6

Dimensions taken from
https://github.com/raspberrypi/hats/blob/master/hat-board-mechanical.pdf

Dimensions shown on the mechanical drawing:
- 65 mm
- 58 mm
- KIKIT: width: 3mm
- 29.0000 mm
- 5 mm
- 17 mm
- 19.5 mm
- 3.5 mm
- 3.5 mm
- 56 mm
- 49 mm
- KIKIT: width: 3mm
- PCB edge

Sheet: Bottom courtyard area
File: pedalboard-soundcard.kicad_pcb

Title: Open Pedalboard Soundcard

Size: A4	Date: 2024-10-16	Rev: 1.0.1-RC
KiCad E.D.A. 9.0.1 + KiBot v1.8.4		Id: 3/6

65 mm

58 mm

KIKIT: width: 3mm

Tab

29.0000 mm

KIKIT: width: 3mm

Tab

Tab
KIKIT: width: 3mm

5 mm

17 mm

49 mm

56 mm

19.5 mm

PCB edge

PCB edge

3.5 mm

3.5 mm

Tab

KIKIT: width: 3mm

Dimensions taken from
https://github.com/raspberrypi/hats/blob/master/hat-board-mechanical.pdf

Sheet: Front courtyard area
File: pedalboard-soundcard.kicad_pcb
Title: Open Pedalboard Soundcard

Size: A4	Date: 2024-10-16	**Rev: 1.0.1-RC**
KiCad E.D.A. 9.0.1 + KiBot v1.8.4		Id: 4/6
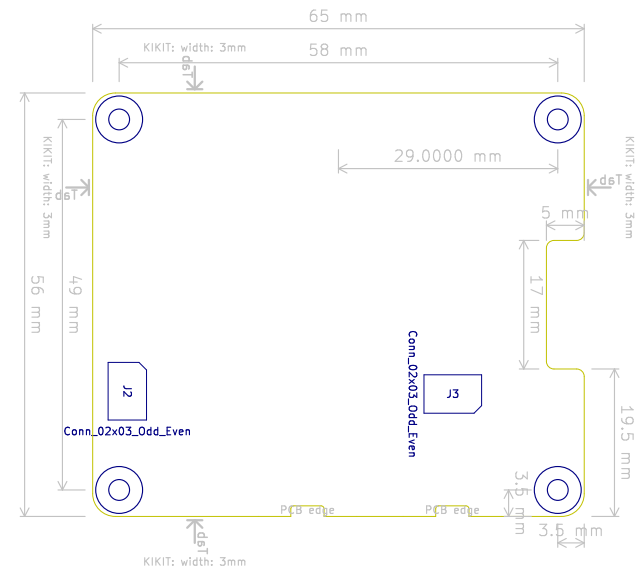
Dimensions taken from
https://github.com/raspberrypi/hats/blob/master/hat-board-mechanical.pdf

Labels on the drawing:
- 65 mm
- 58 mm
- KIKIT: width: 3mm
- 29.0000 mm
- 5 mm
- 17 mm
- 19.5 mm
- 3.5 mm
- 3.5 mm
- 56 mm
- 49 mm
- KIKIT: width: 3mm
- J2 Conn_02x03_Odd_Even
- J3 Conn_02x03_Odd_Even
- PCB edge
- PCB edge

Sheet: Bottom documentation
File: pedalboard-soundcard.kicad_pcb

Title: Open Pedalboard Soundcard

Size: A4	Date: 2024-10-16	Rev: 1.0.1-RC
KiCad E.D.A. 9.0.1 + KiBot v1.8.4		Id: 5/6

Dimensions taken from
https://github.com/raspberrypi/hats/blob/master/hat-board-mechanical.pdf

65 mm
58 mm
KIKIT: width: 3mm
Tab
29.0 mm
5 mm
KIKIT: width: 3mm
Tab
17 mm
49 mm
56 mm
19.5 mm
3.5 mm
KIKIT: width: 3mm
Tab
RPI_GPIO
Fiducial
Fiducial
Fiducial
Fiducial
PCB edge
PCB edge

Sheet: Front documentation
File: pedalboard-soundcard.kicad_pcb

Title: Open Pedalboard Soundcard

Size: A4 | Date: 2024-10-16 | **Rev: 1.0.1-RC**
KiCad E.D.A. 9.0.1 + KiBot v1.8.4 | Id: 6/6