mcu/usb/power

File: mcu.kicad_sch

baseband

File: baseband.kicad_sch

frontend

File: frontend.kicad_sch

Sheet: /
File: hackrf-one.kicad_sch

Title: HackRF One

| Size: User | Date: 2023-12-09 | Rev: 10 |
| KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu23.04.1 | | Id: 1/4 |

Title: HackRF One

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Sheet: /mcu/usb/power/
File: mcu.kicad_sch

Size: User | Date: 2023-12-09 | Rev: 10
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu23.04.1 | Id: 2/4

Sheet: /baseband/
File: baseband.kicad_sch

Title: HackRF One

Size: User   Date: 2023-12-09   Rev: 10
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu23.04.1   Id: 3/4

loop filter

switchable image reject filters

amplifier bypass path

Expected MIX_CLK is 1.8 to 3.3 V
peak-to-peak at 25 to 52 MHz. It is
divided down to 0.5 to 1.5 V (REF_IN).

mounting holes are connected to GND

optional alligator
clip test point

RF-SHIELD-COVER
DNP

RF-SHIELD-FRAME
DNP

MIX_IN_BALUN

MIX_OUT_BALUN

LOWPASS_FILTER

HIGHPASS_FILTER