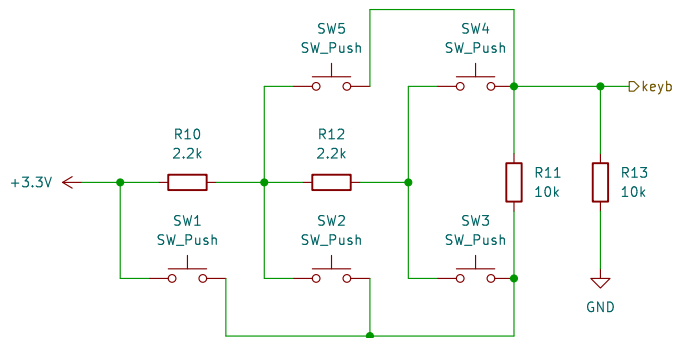


Sheet: /Programmable Clock Generator/
File: clock_gen.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.9+dfsg-1		Id: 3/14



Sheet: /Keyboard/
File: keyboard.kicad_sch

Title:

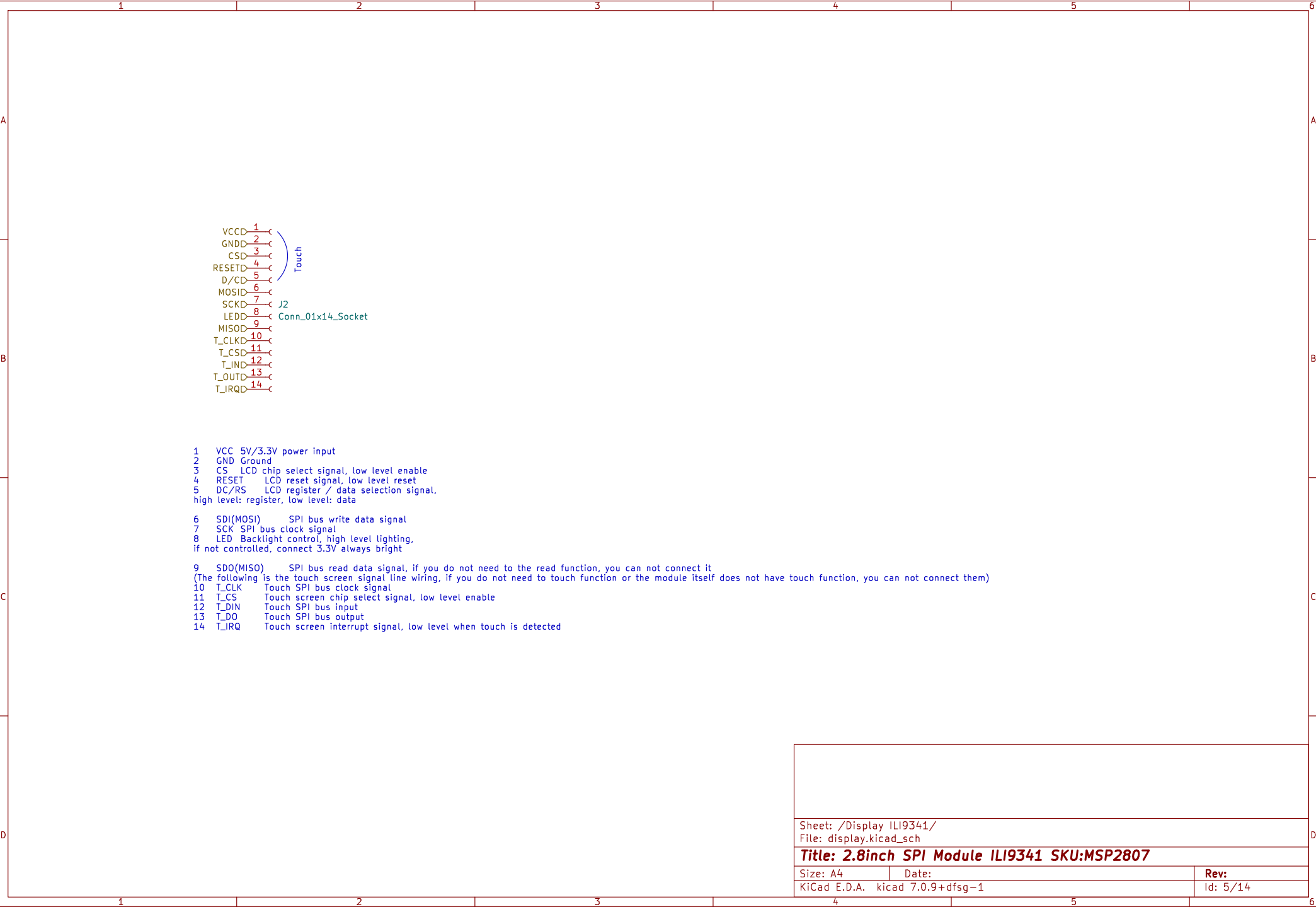
Size: A4

Date:

KiCad E.D.A. kicad 7.0.9+dfsg-1

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Id: 4/14



Sheet: /Display ILI9341/
File: display.kicad_sch

Title: 2.8inch SPI Module ILI9341 SKU:MSP2807

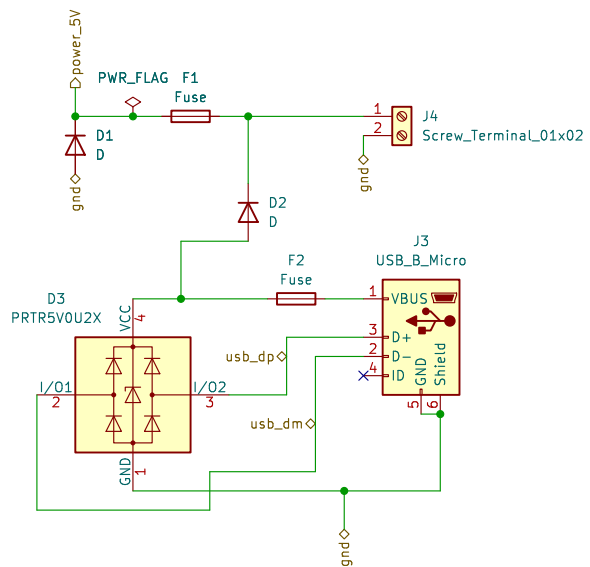
Size: A4

Date:

Rev:

KiCad E.D.A. kicad 7.0.9+dfsg-1

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Sheet: /Power supply/
File: power.kicad_sch

Title:

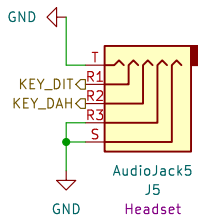
Size: A4

Date:

KiCad E.D.A. kicad 7.0.9+dfsg-1

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Id: 6/14



Sheet: /Telegraph key/
File: tkey.kicad_sch

Title:

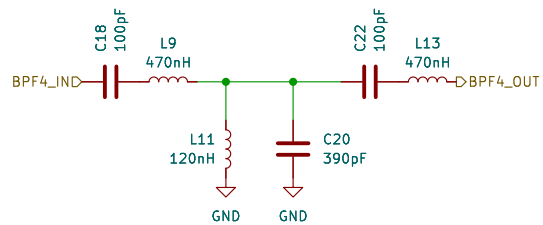
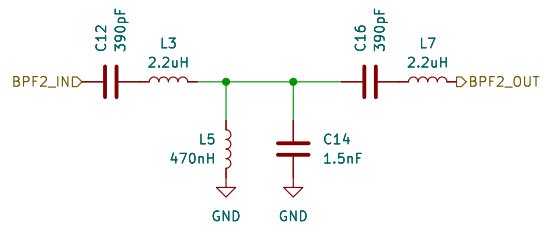
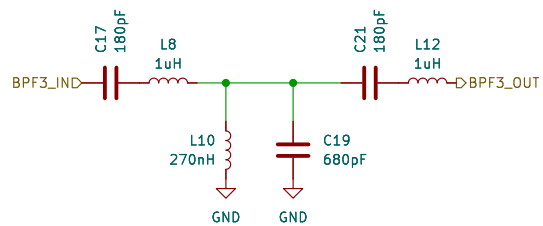
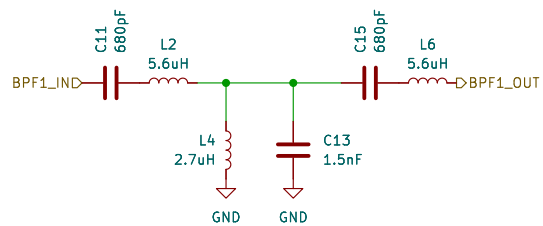
Size: A4

Date:

KiCad E.D.A. kicad 7.0.9+dfsg-1

Rev:

Id: 7/14



Sheet: /RF Processing/Filter selector/Filters/
File: filters.kicad_sch

Title:

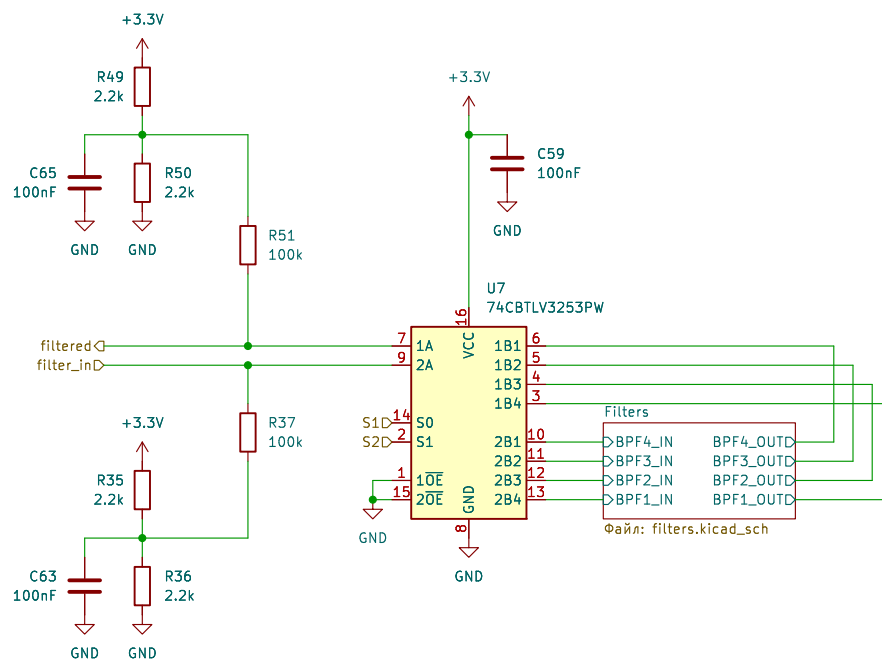
Size: A4

Date:

KiCad E.D.A. kicad 7.0.9+dfsg-1

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Id: 8/14



Sheet: /RF Processing/Filter selector/
File: filter_selector.kicad_sch

Title:

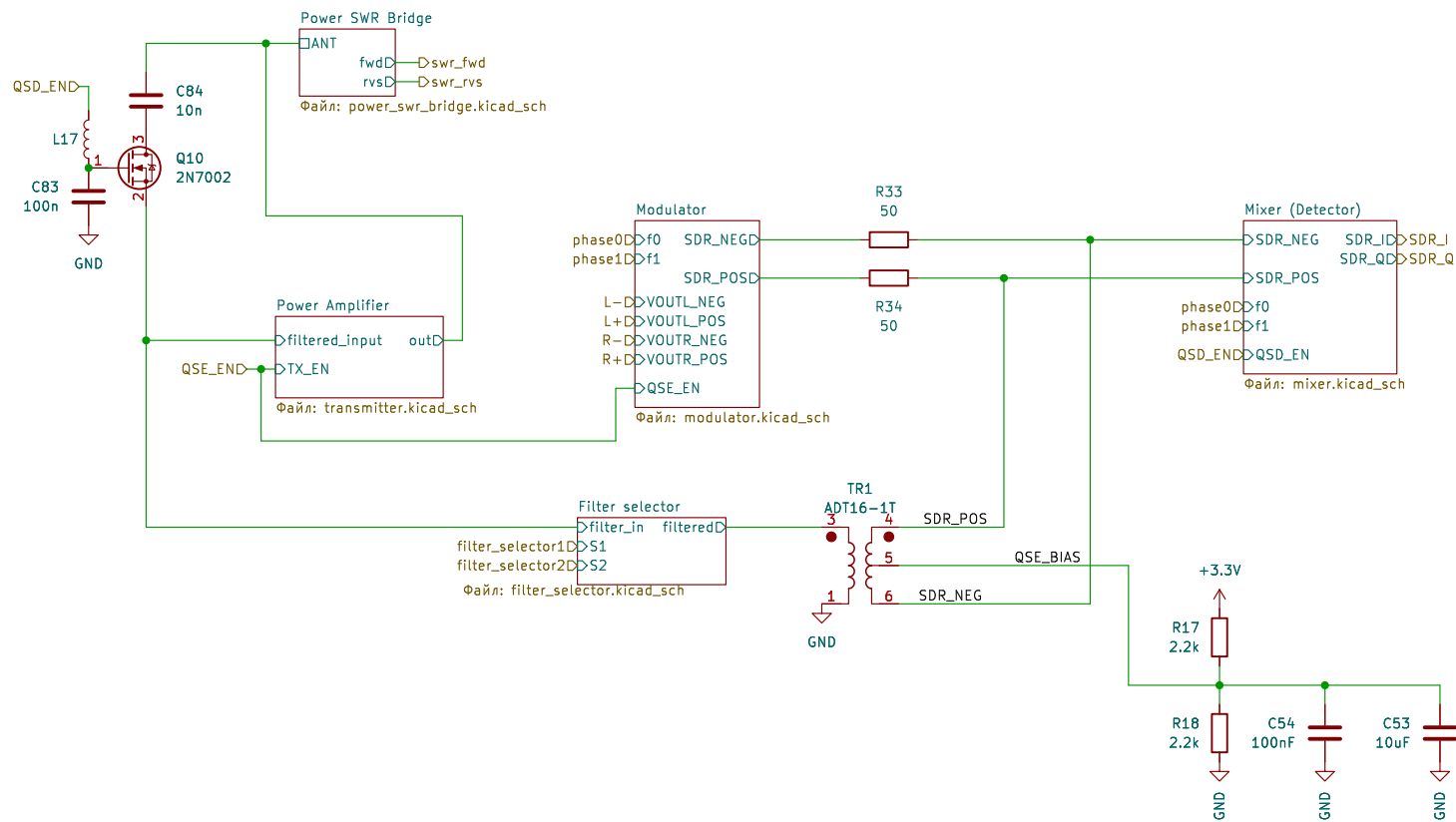
Size: A4

Date:

KiCad E.D.A. kicad 7.0.9+dfsg-1

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Sheet: /RF Processing/
File: rf_processing.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad 7.0.9+dfsg-1

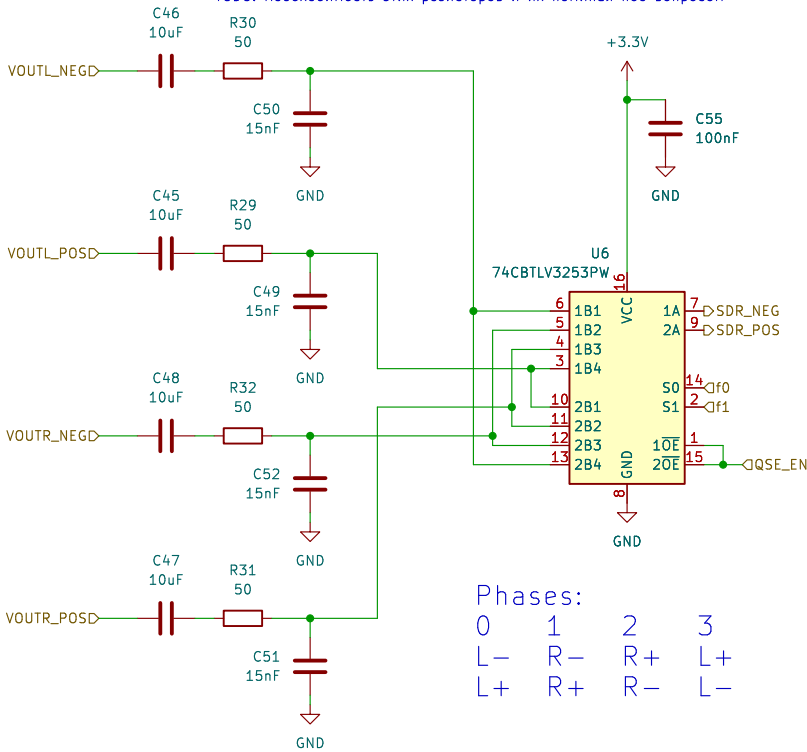
Date:

Rev:
Id: 10/14

Based on Selenite Lite SDR HF Transceiver by Dmitrii Rudnev

TODO:
Вопрос:
Нужны ли разделительные конденсаторы
(C46 и прочие) на большую ёмкость?

TODO: Необходимость этих резисторов и их номинал под вопросом



Sheet: /RF Processing/Modulator/
File: modulator.kicad_sch

Title: Quadrature Sampling Exciter (QSE)

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.9+dfsg-1		Id: 11/14

Double Balanced "Taylor" Detector (by Dan Taylor)

TODO: Не факт что эти резисторы здесь нужны. Похоже, тут вылезла какая-то несогласованность входного сопротивления.

TODO: C57 не факт что нужен.

TODO: R27 и R28 не нужны?

TODO: C43 и C44 не нужны?

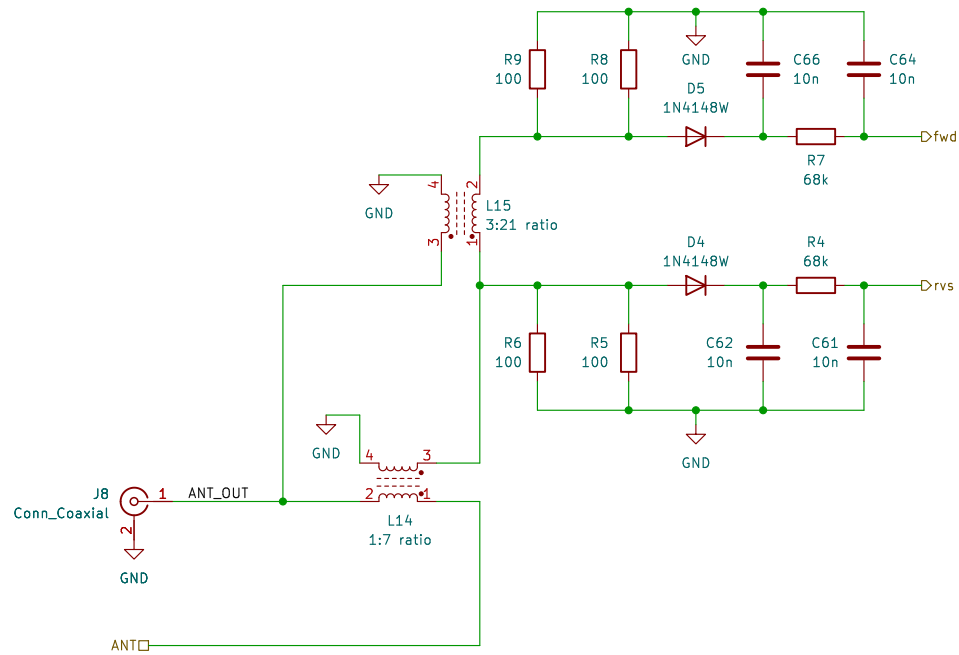
Sheet: /RF Processing/Mixer (Detector)/
File: mixer.kicad_sch

Title: Balanced quadrature sampling detector (QSD)

Size: A4 Date: KiCad E.D.A. kicad 7.0.9+dfsg-1 Rev: Id: 12/14

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.9+dfsg-1		Id: 12/14

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.9+dfsg-1		Id: 12/14



Sheet: /RF Processing/Power SWR Bridge/
File: power_swr_bridge.kicad_sch

Title:

Size: A4

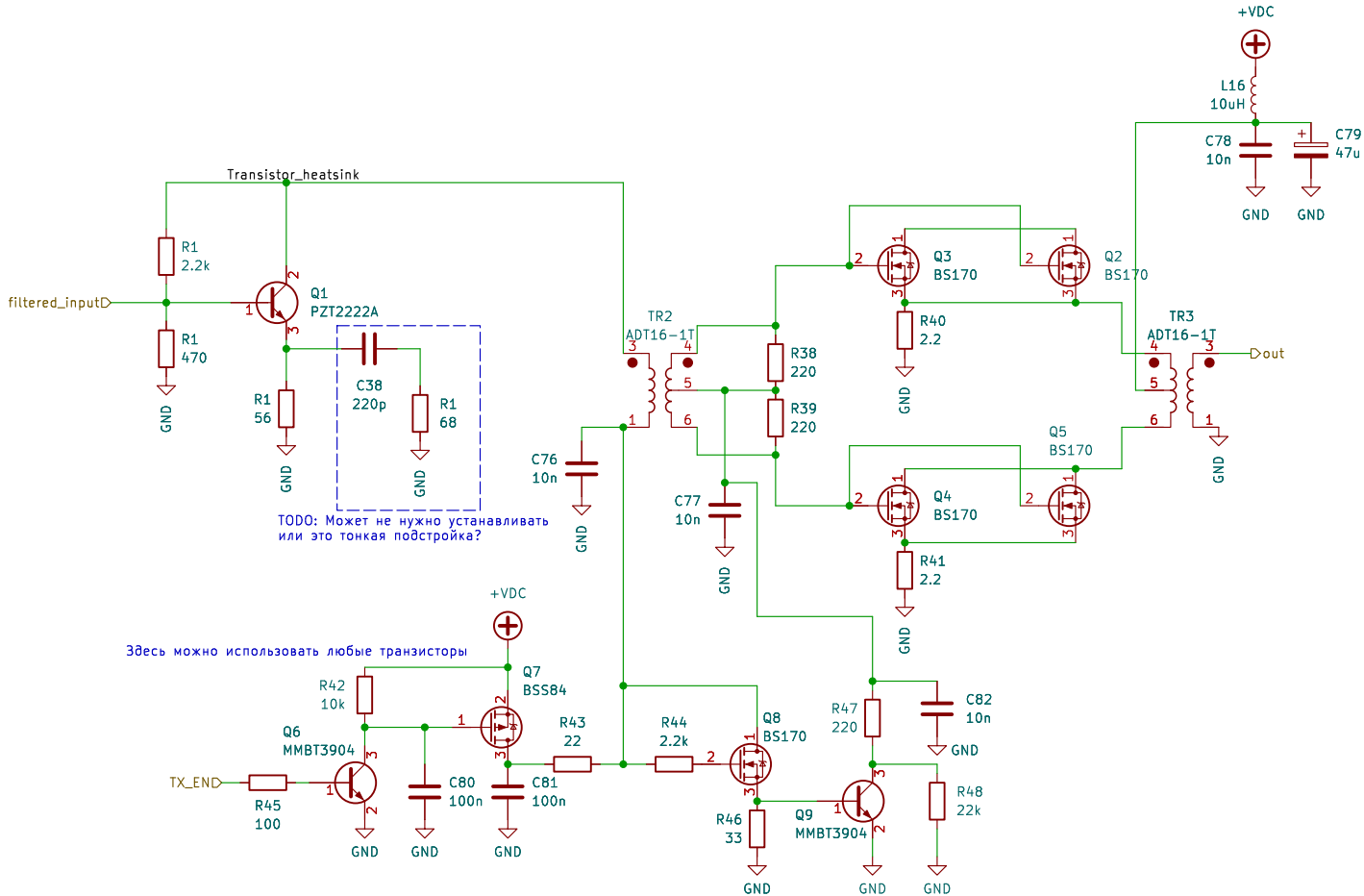
Date:

KiCad E.D.A. kicad 7.0.9+dfsg-1

Rev:

Id: 13/14

Based on AE9RB Peaberry SDR V2 circuit



Sheet: /RF Processing/Power Amplifier/
File: transmitter.kicad_sch

Title: Transmitter, Power Amplifier

Date:

KiCad E.D.A. kicad 7.0.9+dfsg-1

Rev:

Id: 14/14