
File: 1-microcontroller.sch

File: 2-steckverbinder.sch

File: 3-spannungsversorgung.sch

File: 4-suchlauf-in.sch

References

File: 5-fernbedienung.sch

File: 6-audio.sch

Fernbedienung für SABA "Automatic" Radios
(Meersburg/Freiburg 6-3D, weitere?)
Microcontroller + Umgebung
Lizenz: CERN-OHL-W (OHL v2)
Martin Wagner DL2WAG

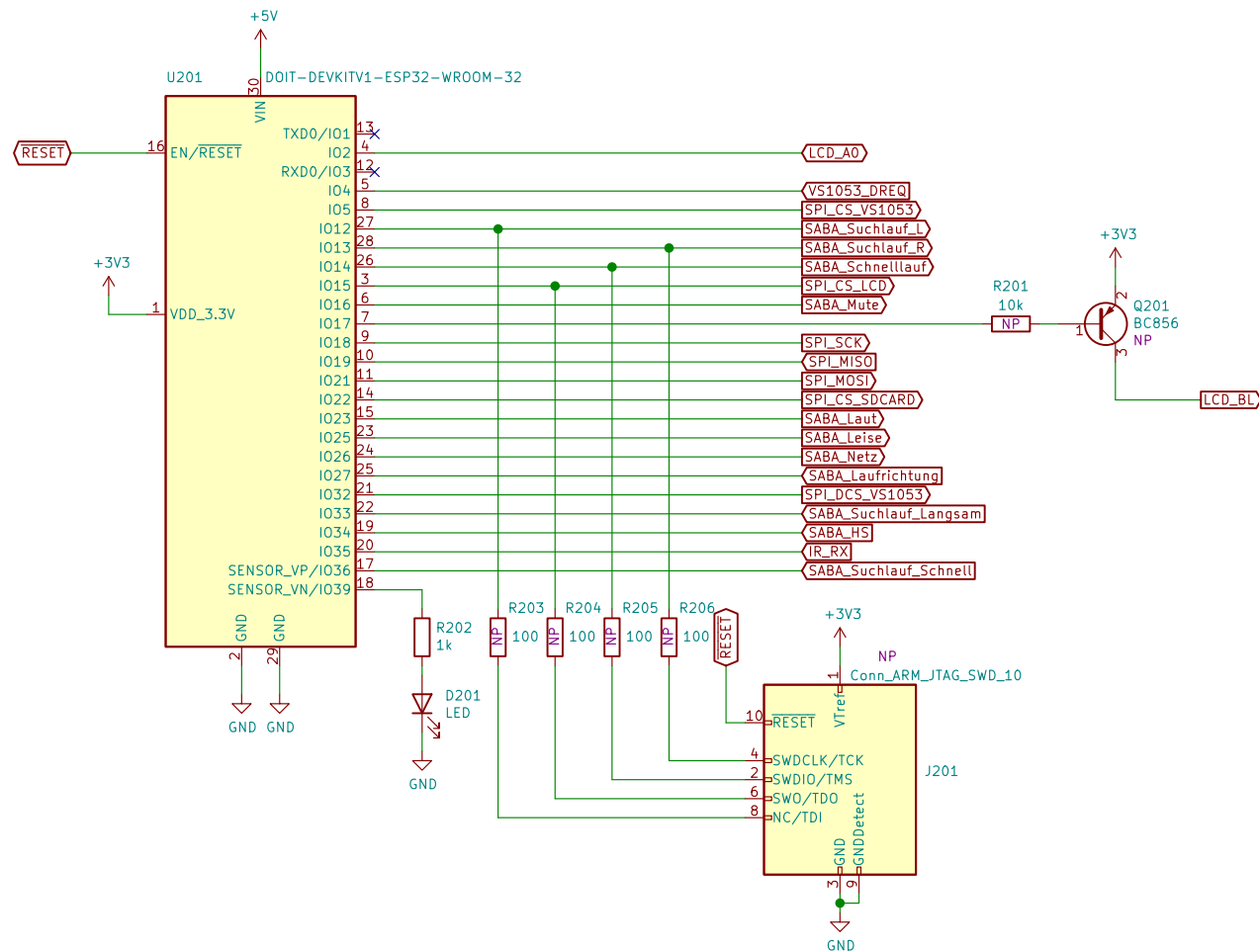


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File: saba-fernbedienung.sch

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Size: A4	Date: 2021-01-13
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Fernbedienung für SABA "Automatic" Radios
(Meersburg/Freiburg 6-3D, weitere?)
Microcontroller + Umgebung
Lizenz: CERN-OHL-W (OHL v2)

Martin Wagner DL2WAG

Sheet: /Microcontroller/
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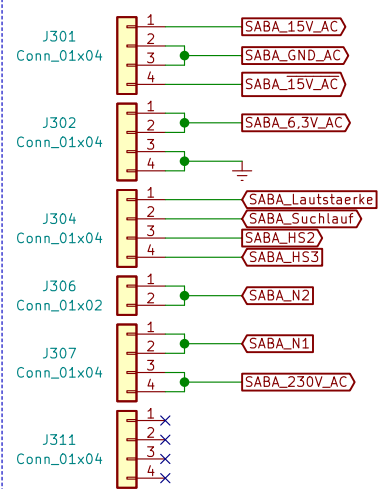
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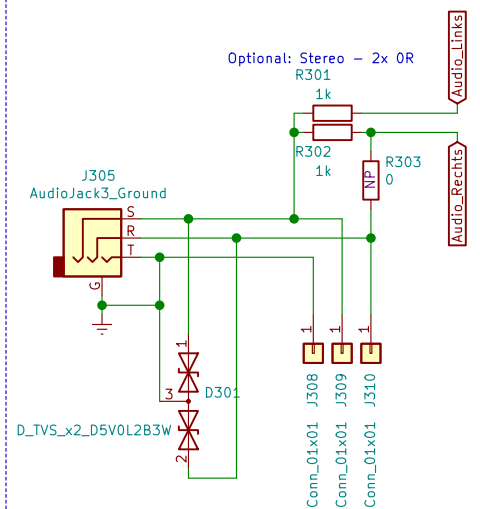
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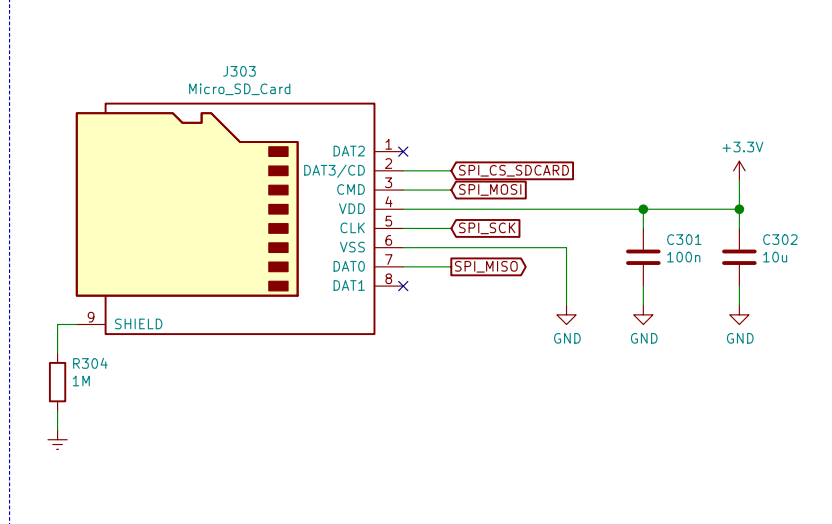
Anschlusstecker Radio



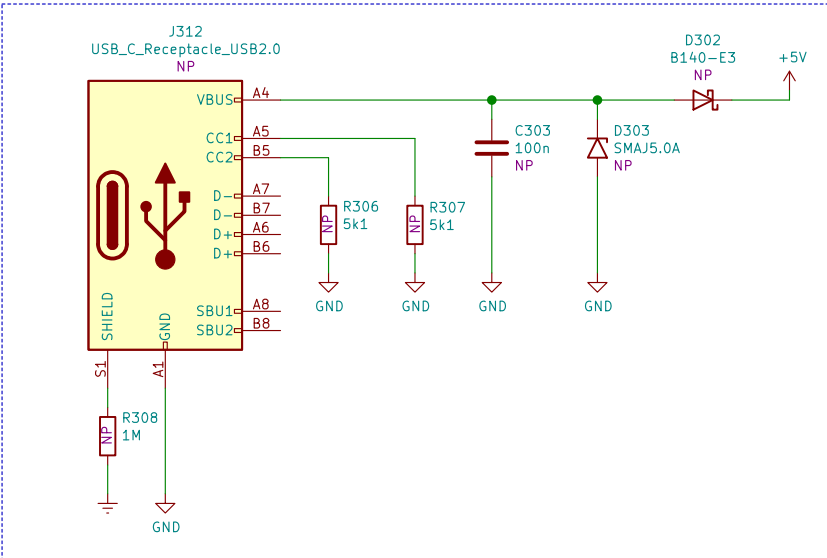
Anschlusstecker Radio Audio



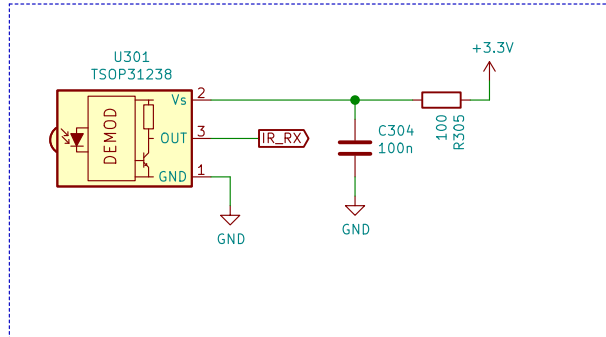
Micro SD Karte (Optional)



Spannungsversorgung USB (optional)



Infrarot Fernbedienung (optional)



Fernbedienung für SABA "Automatic" Radios
(Meersburg/Freiburg 6-3D, weitere?)
Anschlüsse und Buchsen
Lizenz: CERN-OHL-W (OHL v2)
Martin Wagner DL2WAG

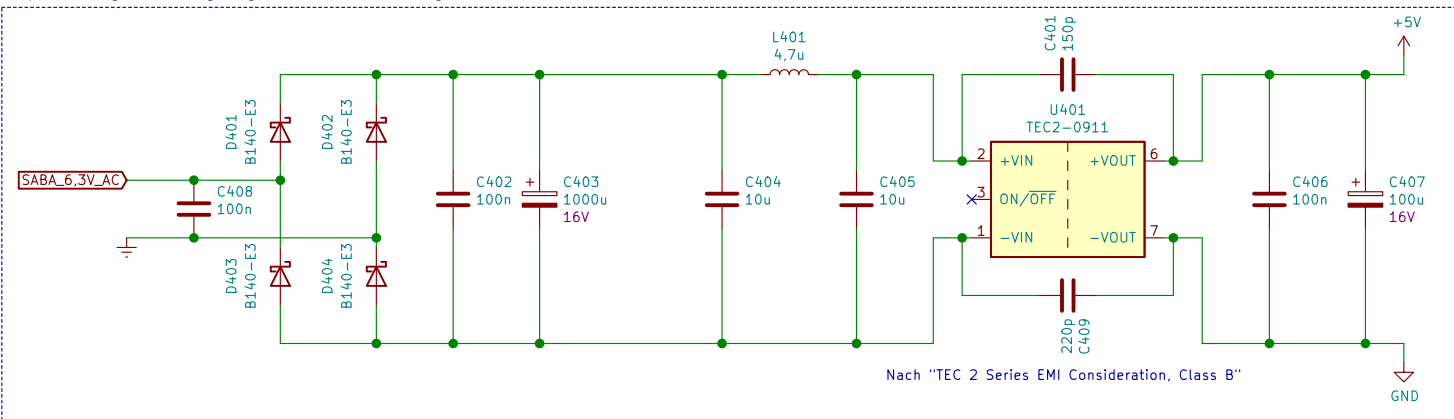
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Title: Fernbedienung SABA 6-3D

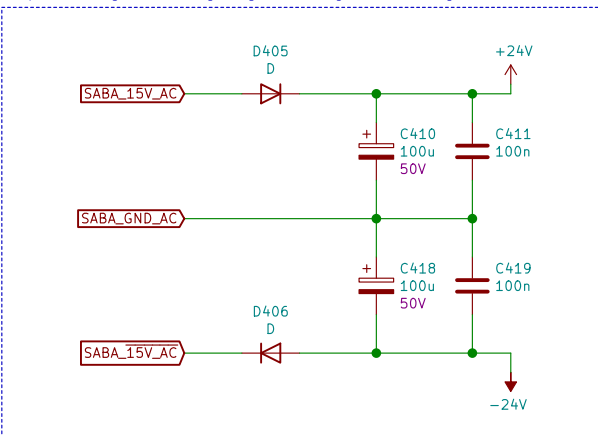
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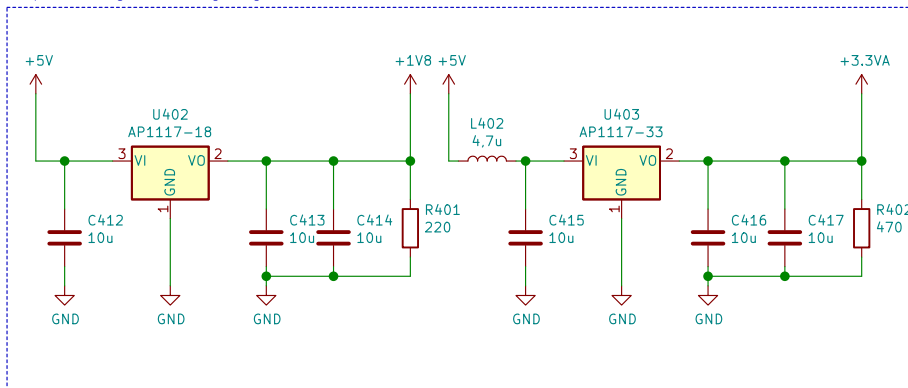
Spannungsversorgung 5V mit Trennung GND



Spannungsversorgung Anlogschaltung Suchlauf



Spannungsversorgung Audio Codec/DAC



Fernbedienung für SABA "Automatic" Radios
(Meersburg/Freiburg 6-3D, weitere?)



Lizenz: CERN-OHL-W (OHL v2)

Martin Wagner DL2WAG

Sheet: /Spannungsversorgung/
File: 3-spannungsversorgung.sch

Title: Fernbedienung SABA 6-3D

Size: A4	Date: 2021-01-13
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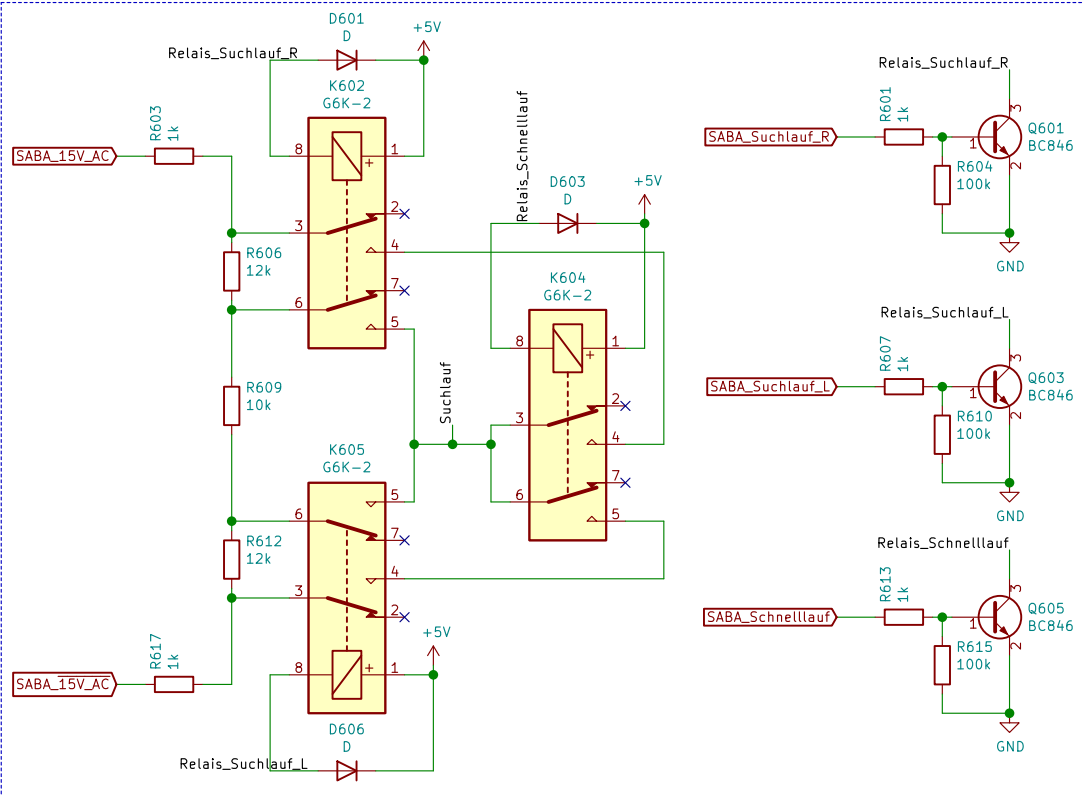
The diagram shows a two-stage amplifier circuit. The first stage, U501A (ADA4522-2), is a non-inverting amplifier with a gain of 10, designed to handle high-impedance signals from the SABA_Suchlauf input. The second stage, U501B (ADA4522-2), is an inverting amplifier with a gain of 10, designed to handle signals from the SABA_15V_AC input. Both stages include DC offset removal and phase detection components.

[illegible]

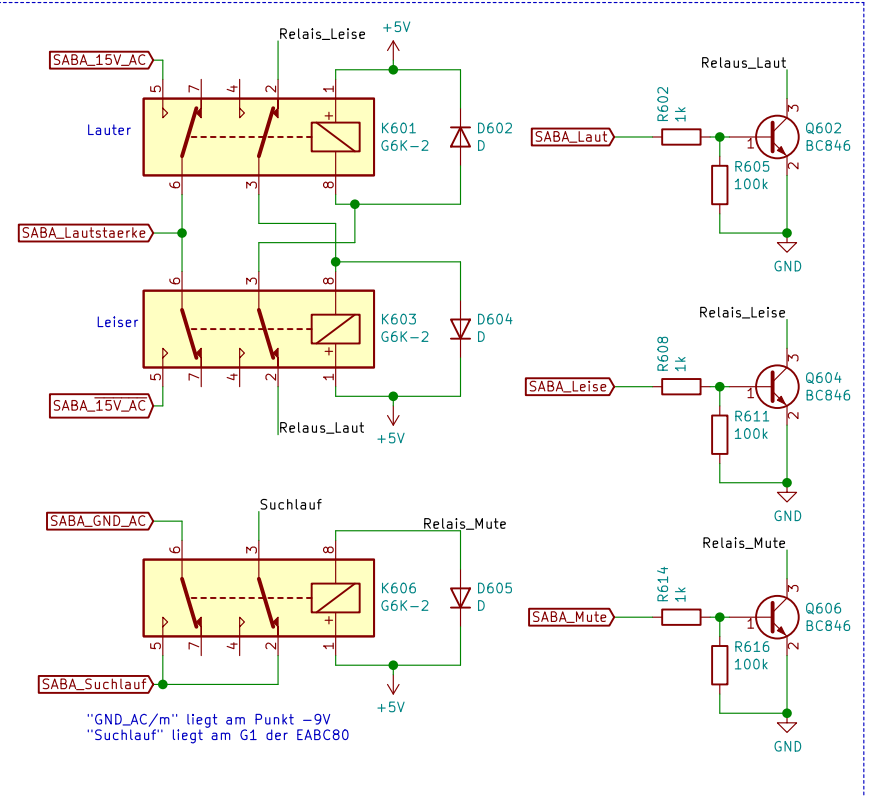
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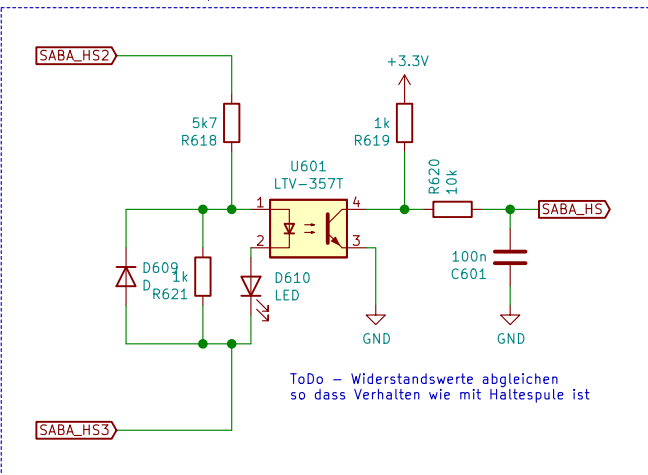
Suchlauf



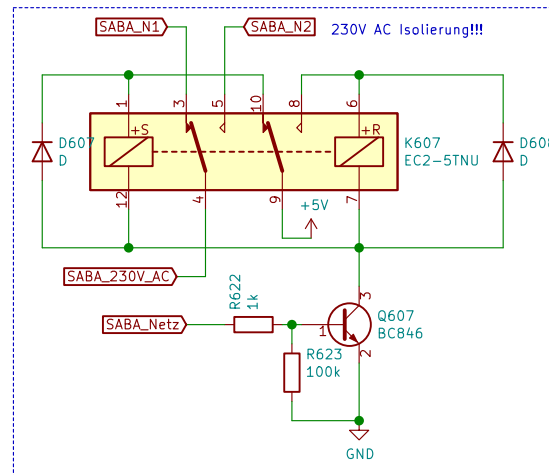
Lautstärke



Suchlauf Halte"spule"



Netzschalter



Fernbedienung für SABA "Automatic" Radios
(Meersburg/Freiburg 6-3D, weitere?)

Fernbedienung
Lizenz: CERN-OHL-W (OHL v2)

Martin Wagner DL2WAG

Sheet: /Fernbedienung/
File: 5-fernbedienung.sch

Title: Fernbedienung SABA 6-3D

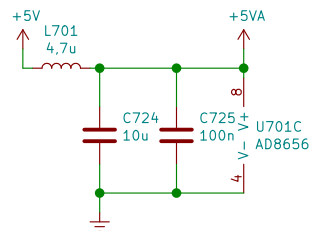
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