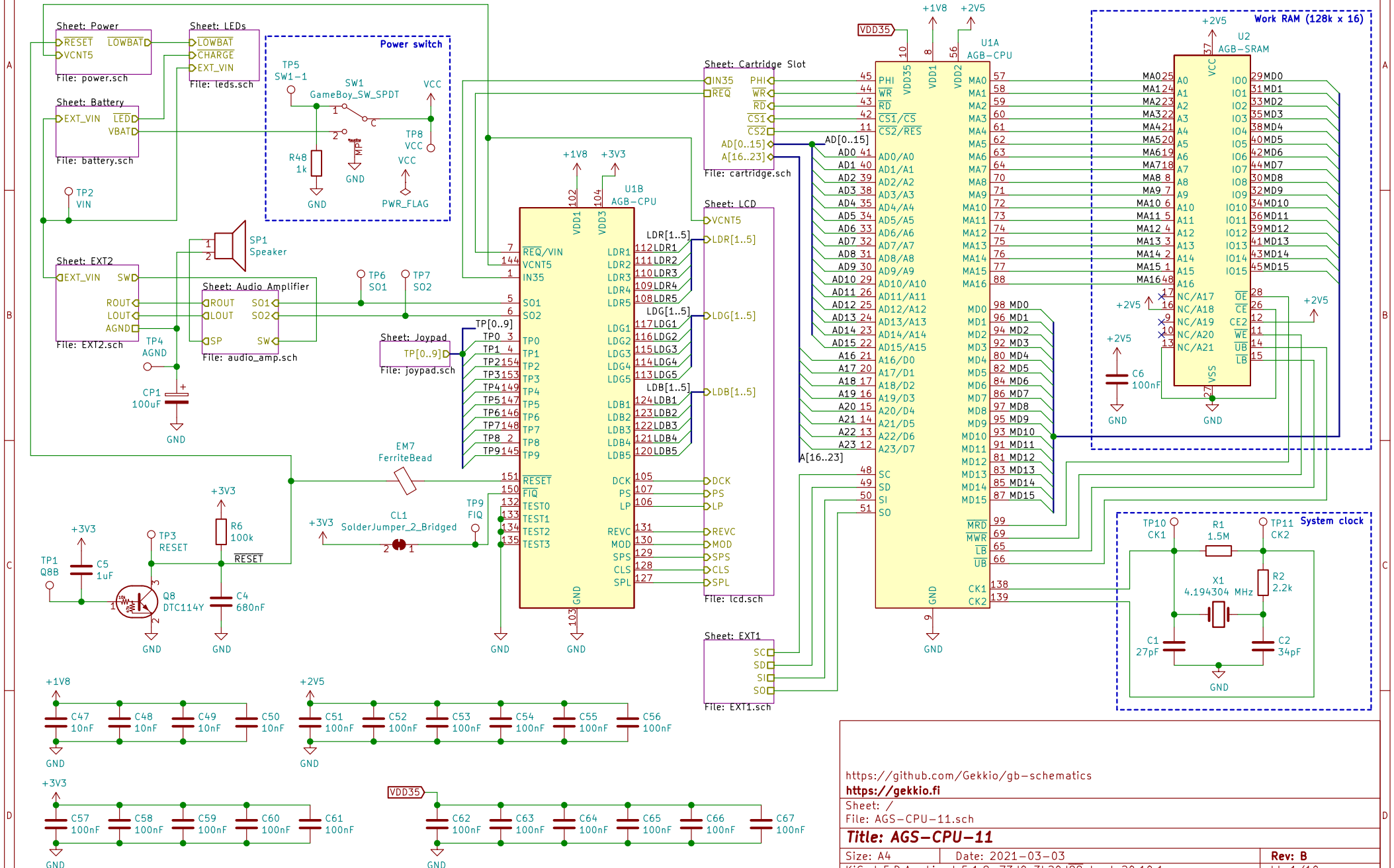


Game Boy Advance SP AGS-001 mainboard C/AGS-CPU-11



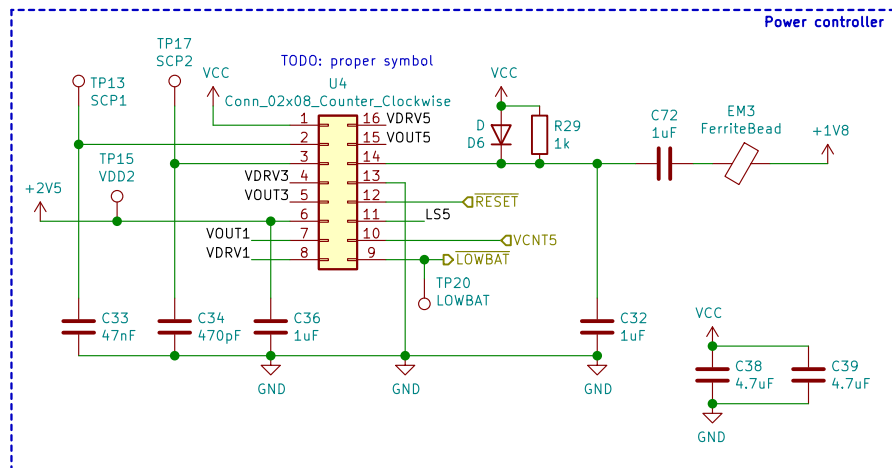
<https://github.com/Gekkio/gb-schematics>
<https://gekkio.fi>

Sheet: /
 File: AGS-CPU-11.sch

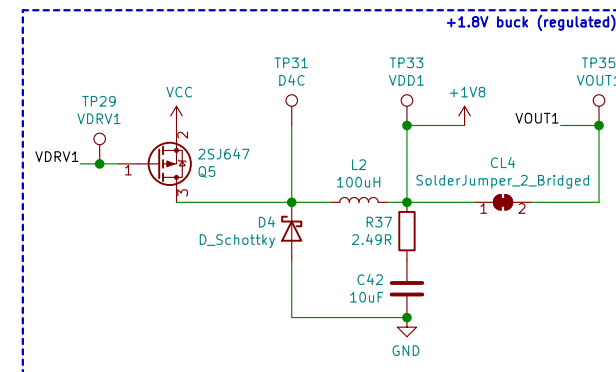
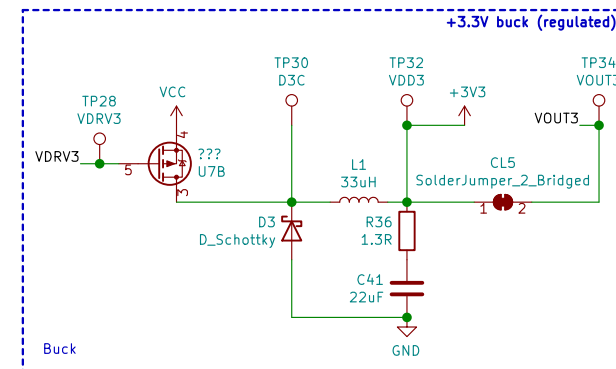
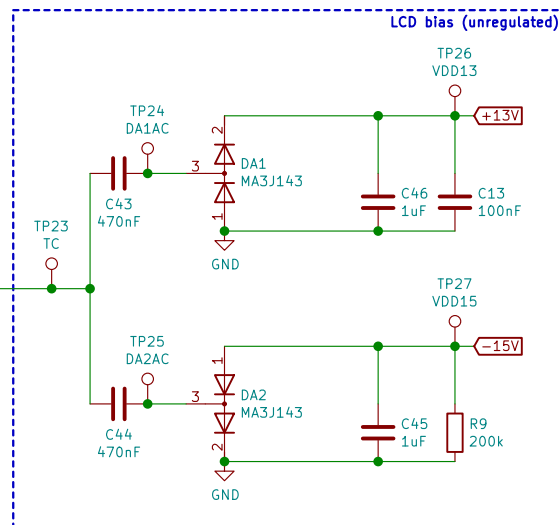
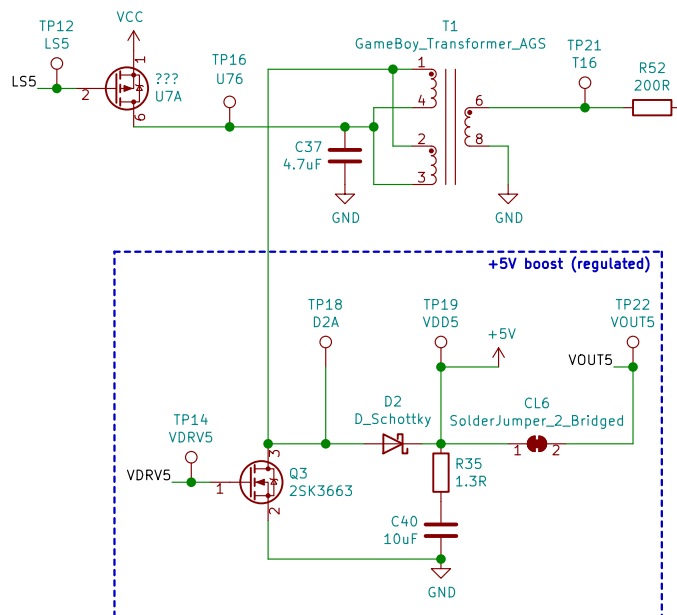
Title: AGS-CPU-11

Size: A4 Date: 2021-03-03
 KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1

Rev: B
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Global power nets:
VCC = DC input supply (battery or EXT2 power)
VDD5 / +5V = nominal +5V (regulated)
VDD3 / +3V3 = nominal +3.3V (regulated)
VDD2 / +2V5 = nominal +2.5V (regulated)
VDD1 / +1V8 = nominal +1.8V (regulated)
VDD13 / +13V = +13V LCD bias supply (unregulated)
VDD15 / -15V = -15V LCD bias supply (unregulated)
GND = common ground



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Sheet: /Power/

File: power.sch

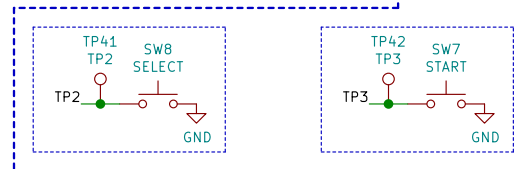
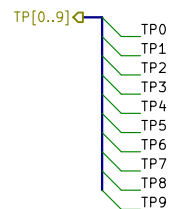
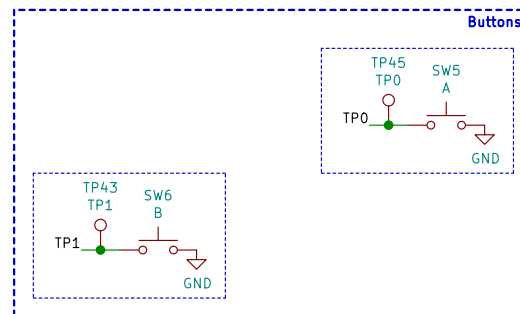
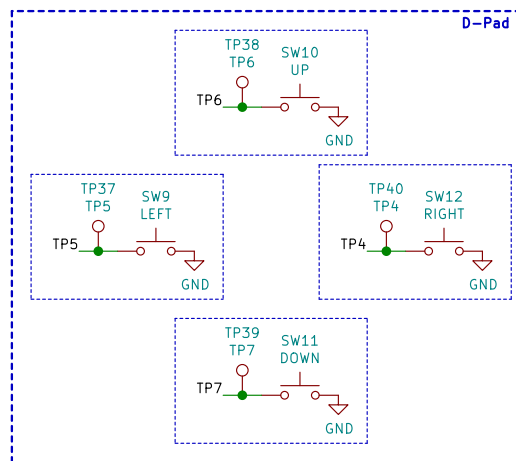
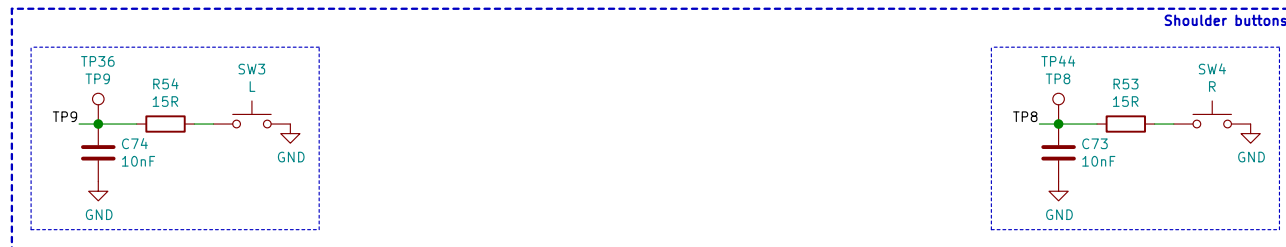
Title: AGS-CPU-11 - Power

Size: A4 Date: 2021-03-03

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1

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Sheet: /Joypad/

File: joypad.sch

Title: AGS-CPU-11 - Joypad

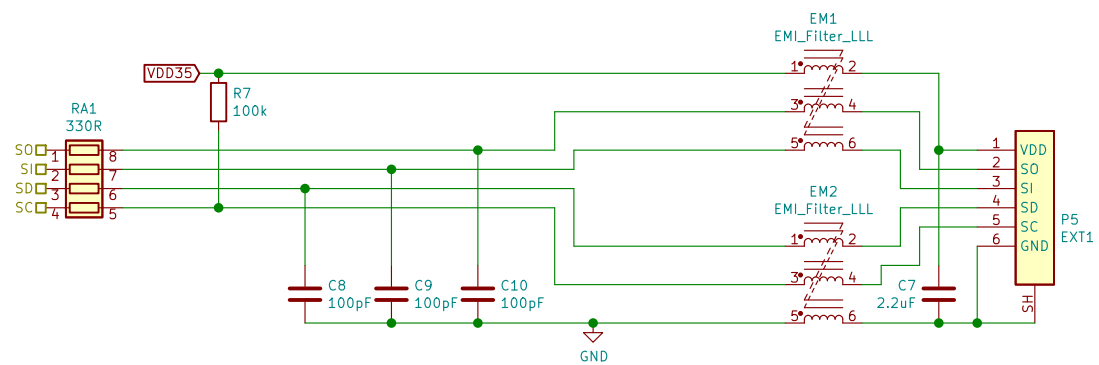
Size: A4 Date: 2021-03-03

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1

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Sheet: /EXT1/

File: EXT1.sch

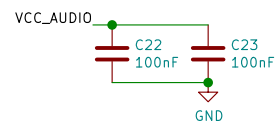
Title: AGS-CPU-11 - EXT1 port

Size: A4 Date: 2021-03-03

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1

Rev: B

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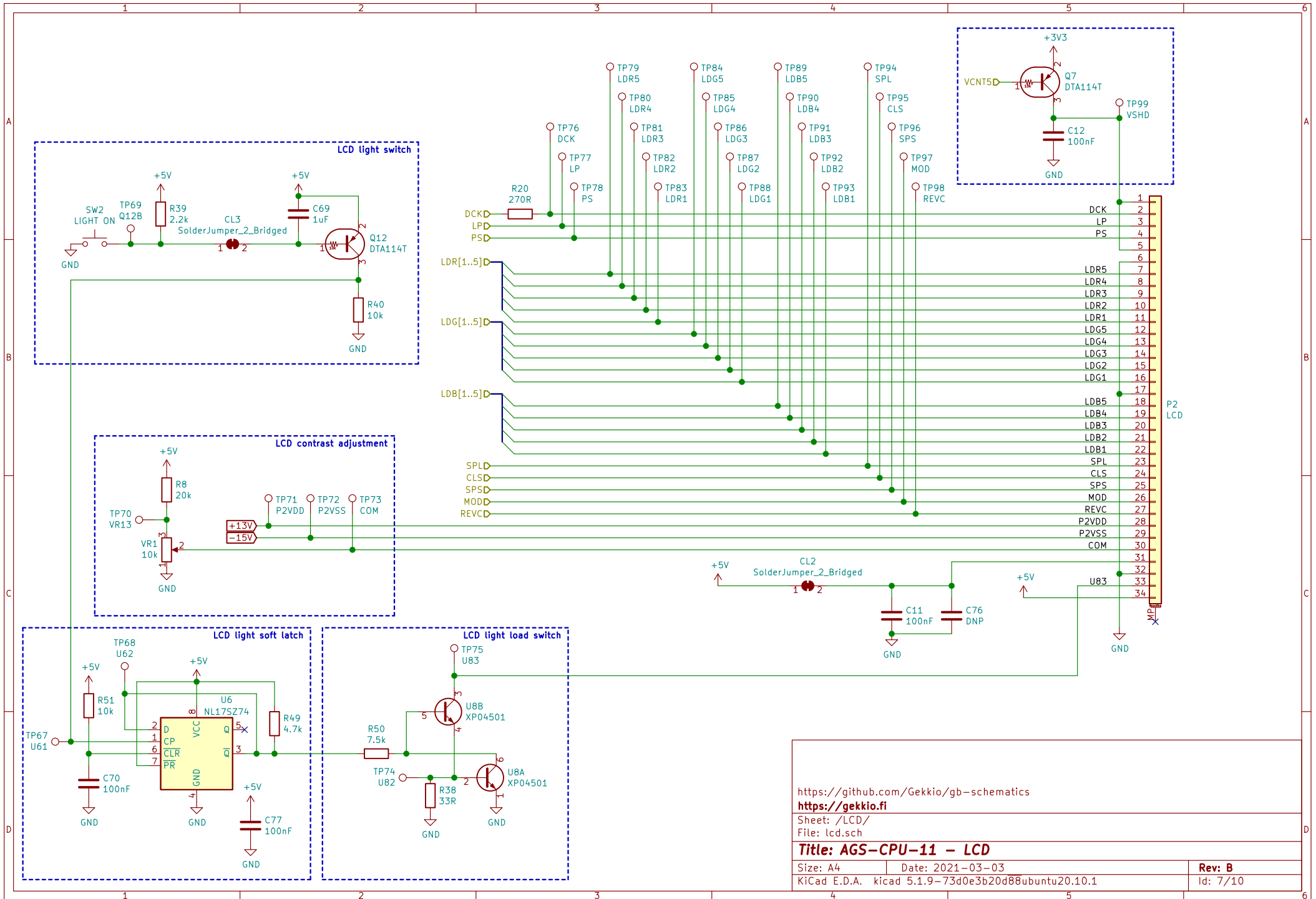


Sheet: /Audio Amplifier/
File: audio_amp.sch

Title: AGS-CPU-11 - Audio amplifier

| | |
|--|------------------|
| Size: A4 | Date: 2021-03-03 |
| KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1 | |

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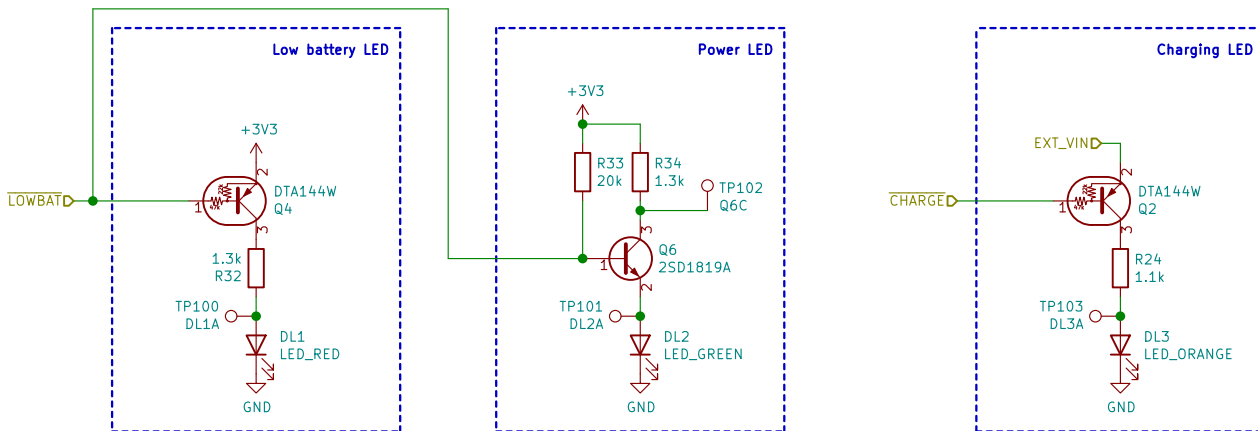
<https://github.com/Gekkio/gb-schematics>
<https://gekkio.fi>

Sheet: /LCD/
 File: lcd.sch

Title: AGS-CPU-11 - LCD

Size: A4 Date: 2021-03-03
 KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1

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Sheet: /LEDs/

File: leds.sch

Title: AGS-CPU-11 - LEDs

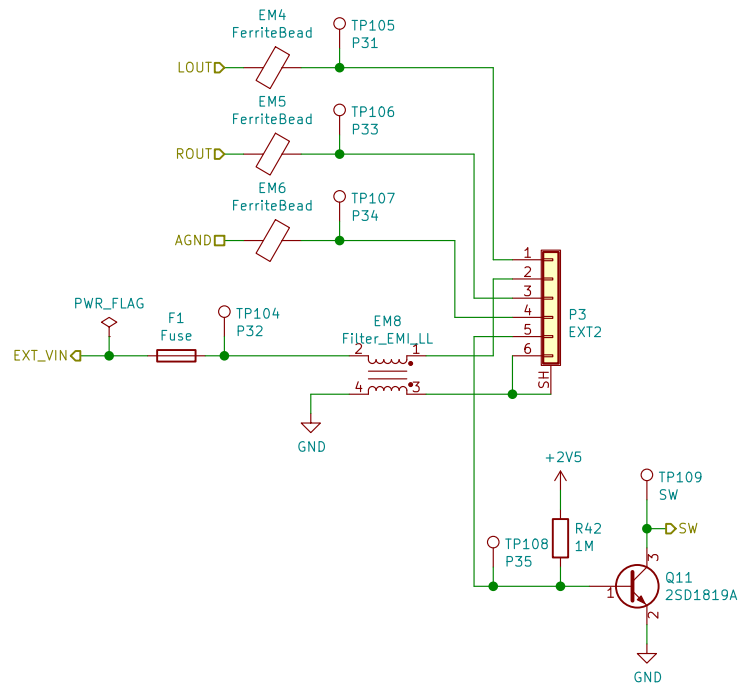
Size: A4

Date: 2021-03-03

Rev: B

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Sheet: /EXT2/

File: EXT2.sch

Title: AGS-CPU-11 - EXT2 port

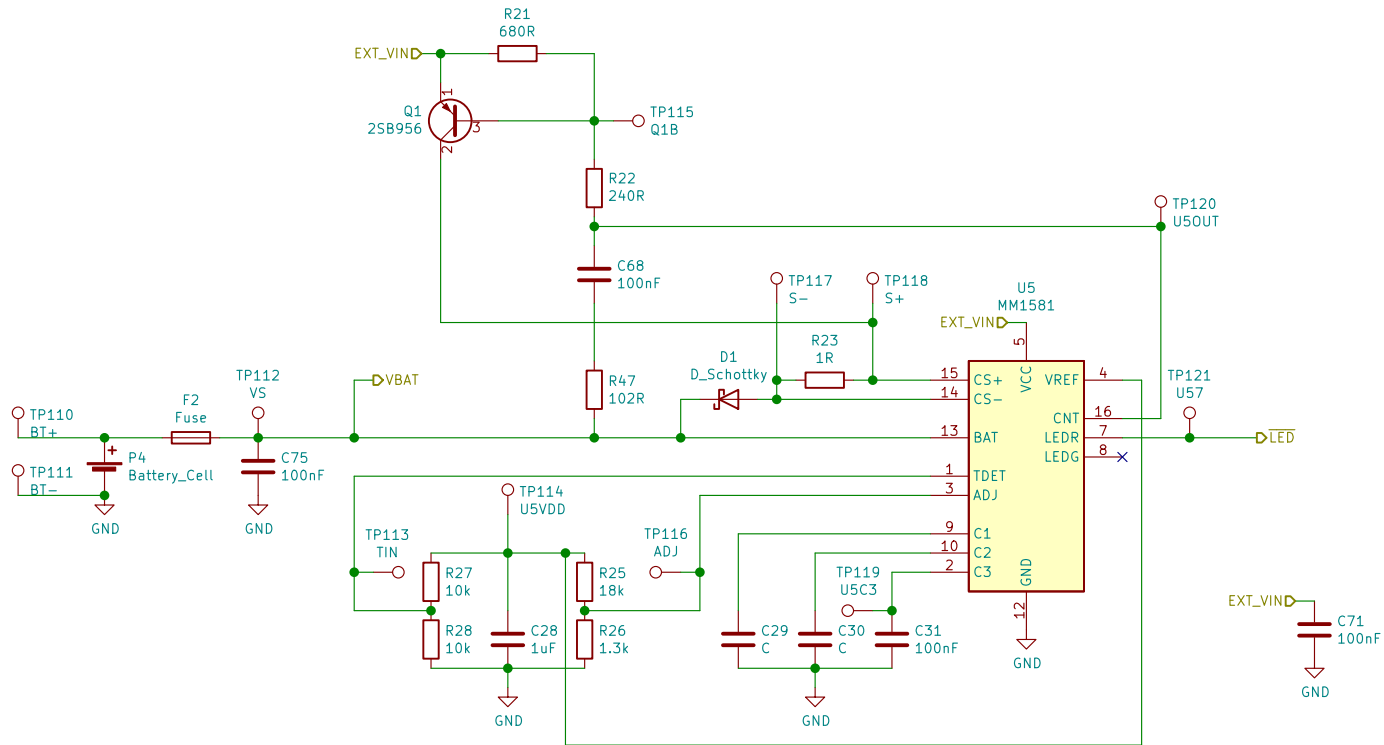
Size: A4

Date: 2021-03-03

Rev: B

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1

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Sheet: /Battery/

File: battery.sch

Title: AGS-CPU-11 - Battery

Size: A4

Date: 2021-03-03

Rev: B

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.10.1

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