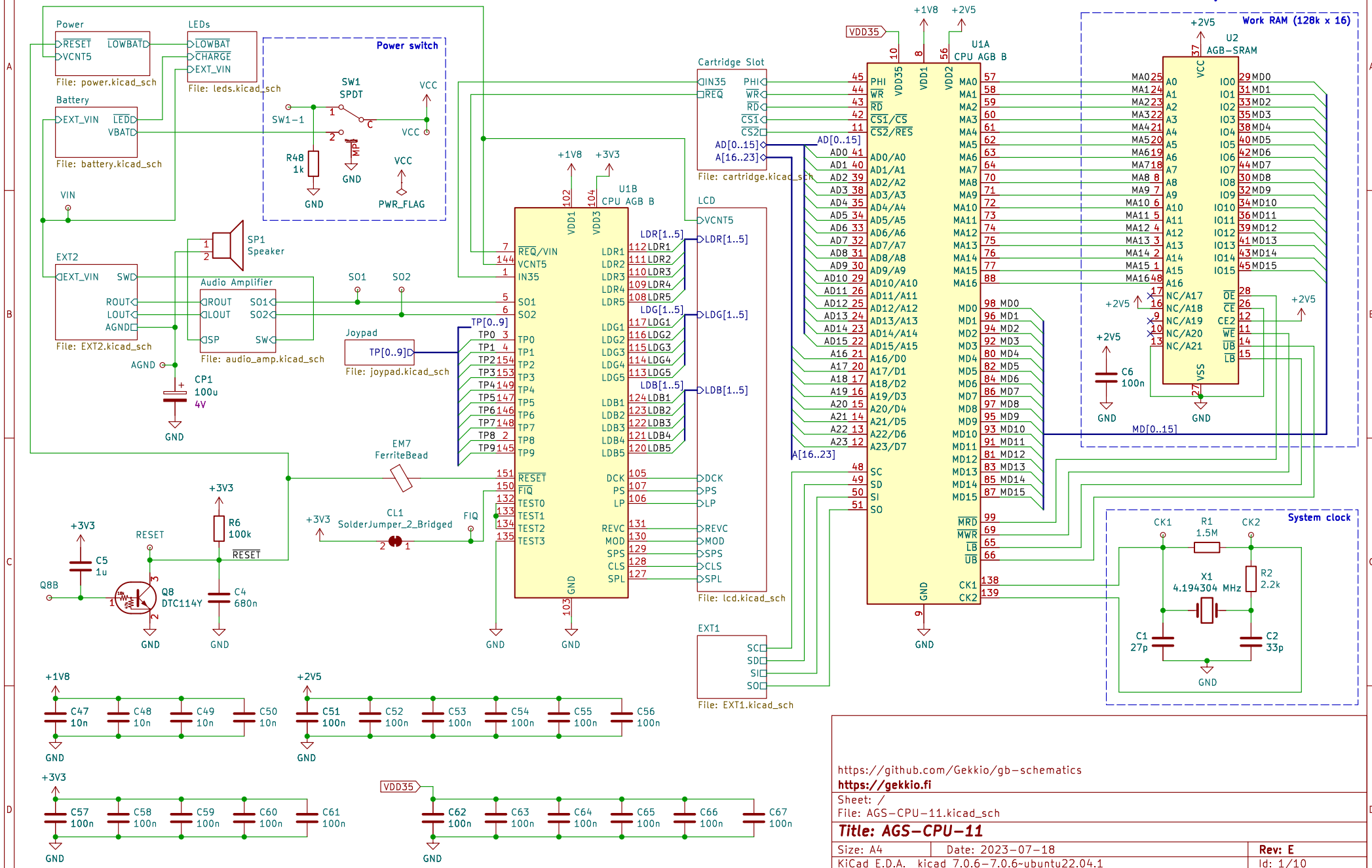


Game Boy Advance SP AGS-001 mainboard C/AGS-CPU-11



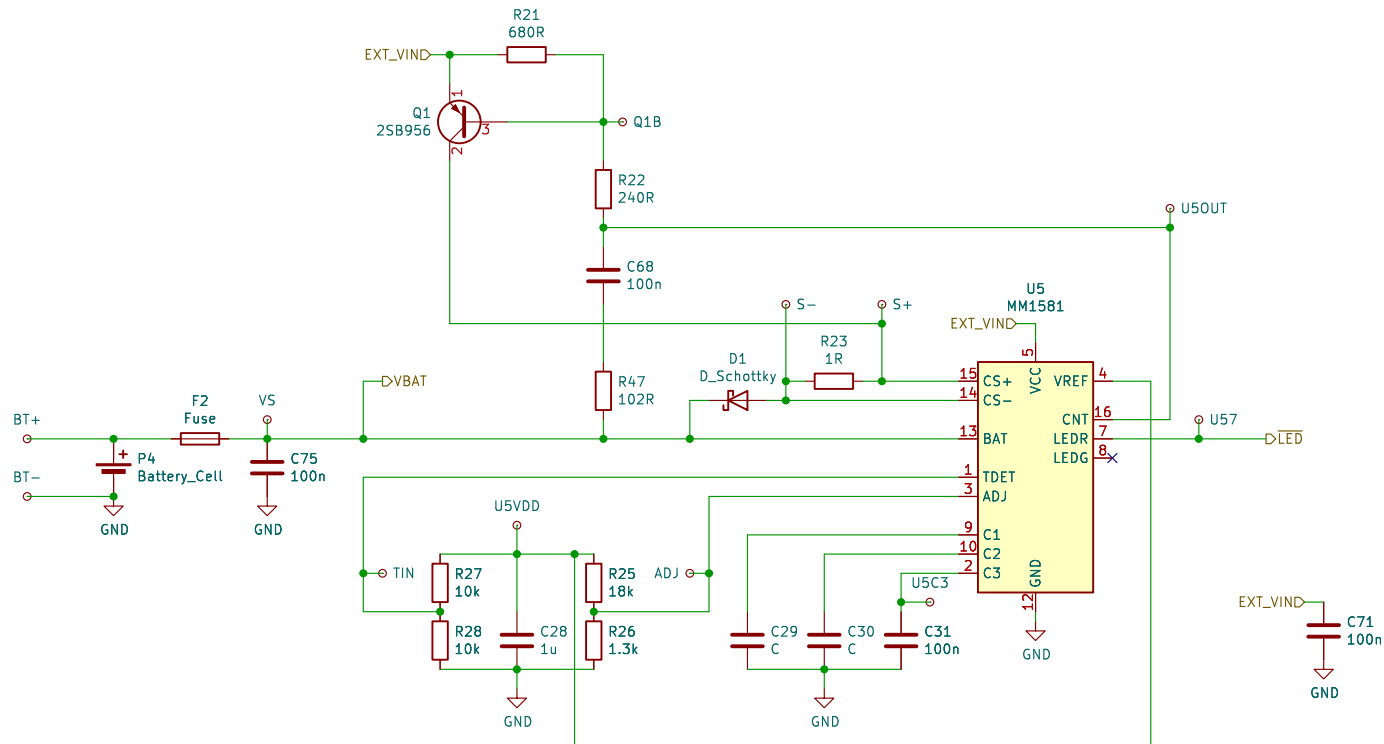
<https://github.com/Gekkio/gb-schematics>
<https://gekkio.fi>

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

Title: AGS-CPU-11

Size: A4 Date: 2023-07-18
 KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Rev: E
 Id: 1/10



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

<https://gekkio.fi>

Sheet: /Battery/

File: battery.kicad_sch

Title: AGS-CPU-11

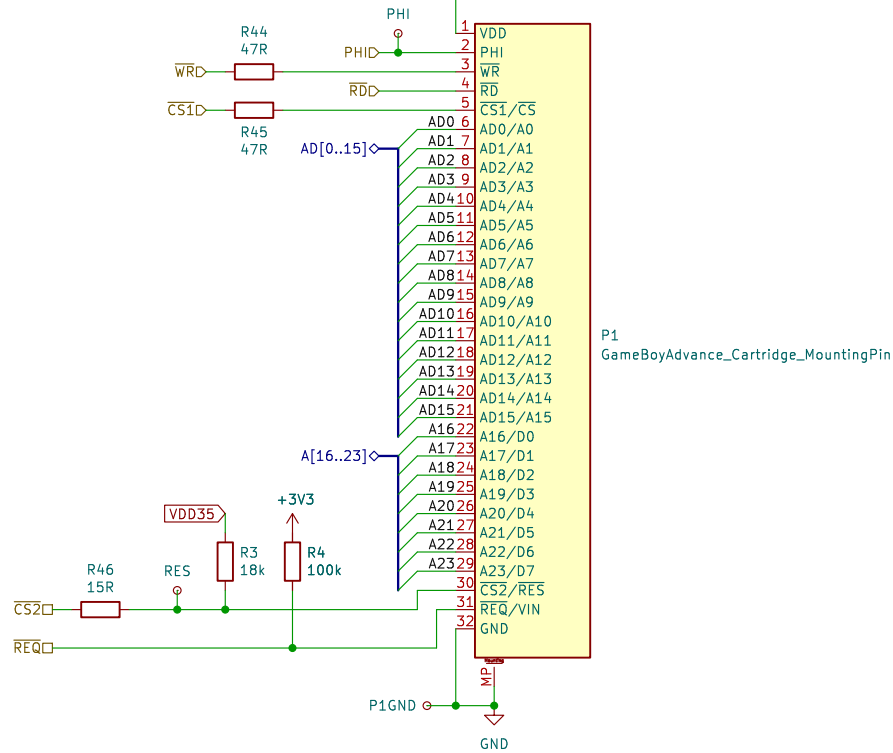
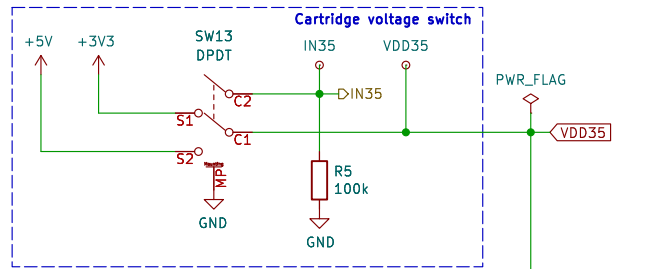
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Date: 2023-07-18

Rev: E

KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Id: 3/10



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

<https://gekkio.fi>

Sheet: /Cartridge Slot/

File: cartridge.kicad_sch

Title: AGS-CPU-11

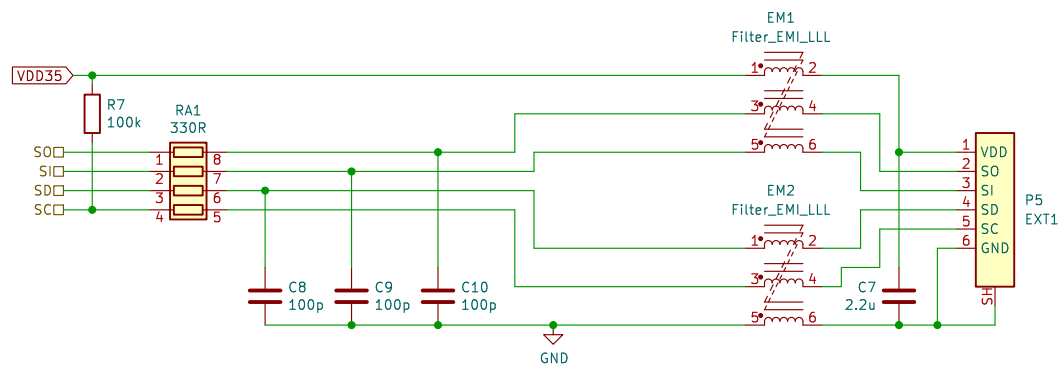
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Date: 2023-07-18

Rev: E

KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Id: 4/10



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

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Sheet: /EXT1/

File: EXT1.kicad_sch

Title: AGS-CPU-11

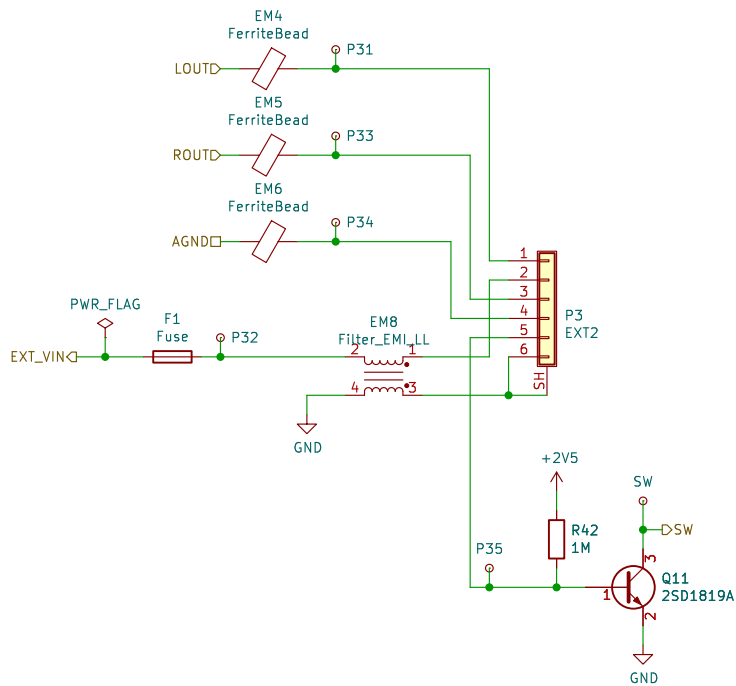
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Date: 2023-07-18

Rev: E

KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Id: 5/10



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Sheet: /EXT2/

File: EXT2.kicad_sch

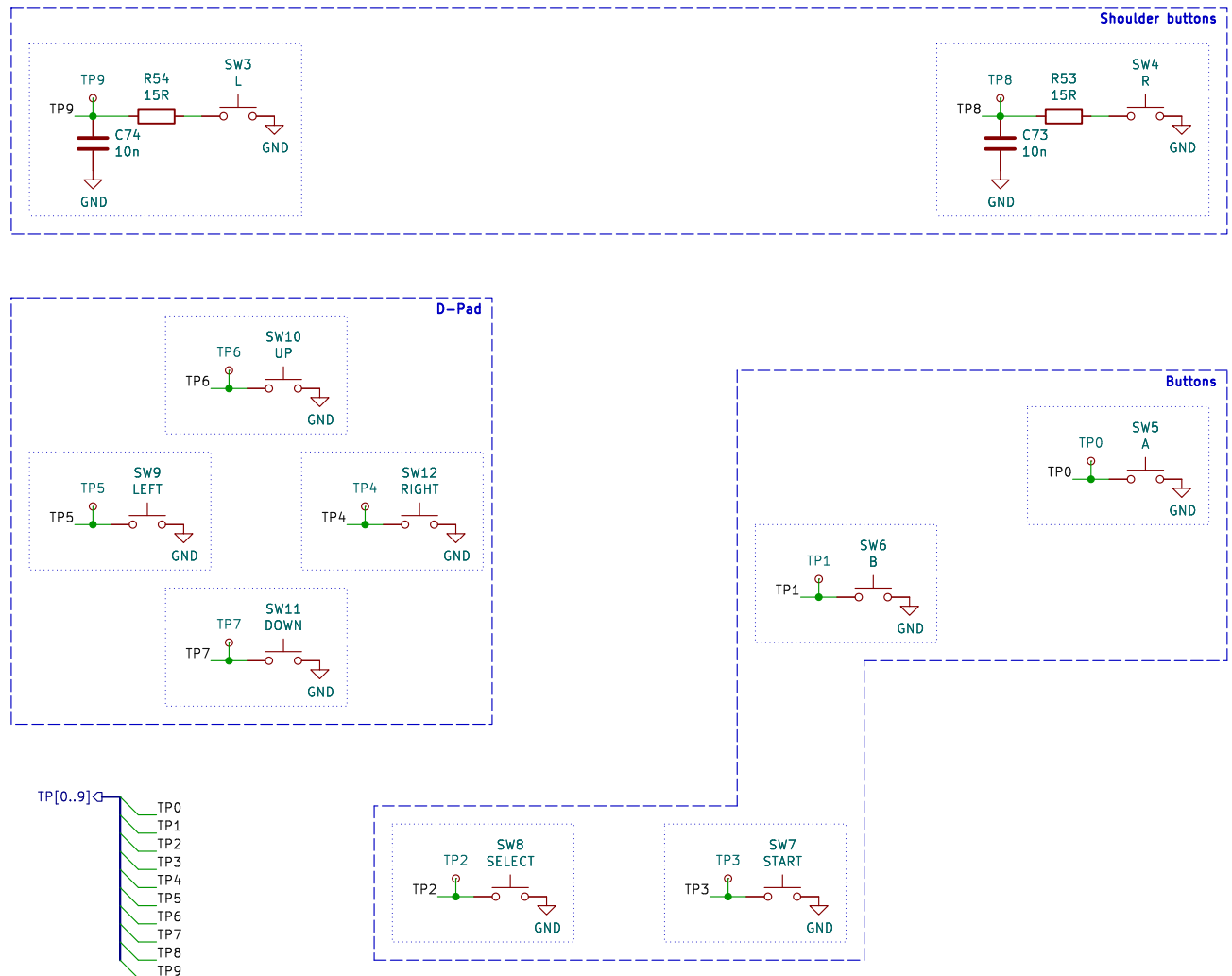
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Size: A4 Date: 2023-07-18

KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Rev: E

Id: 6/10



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

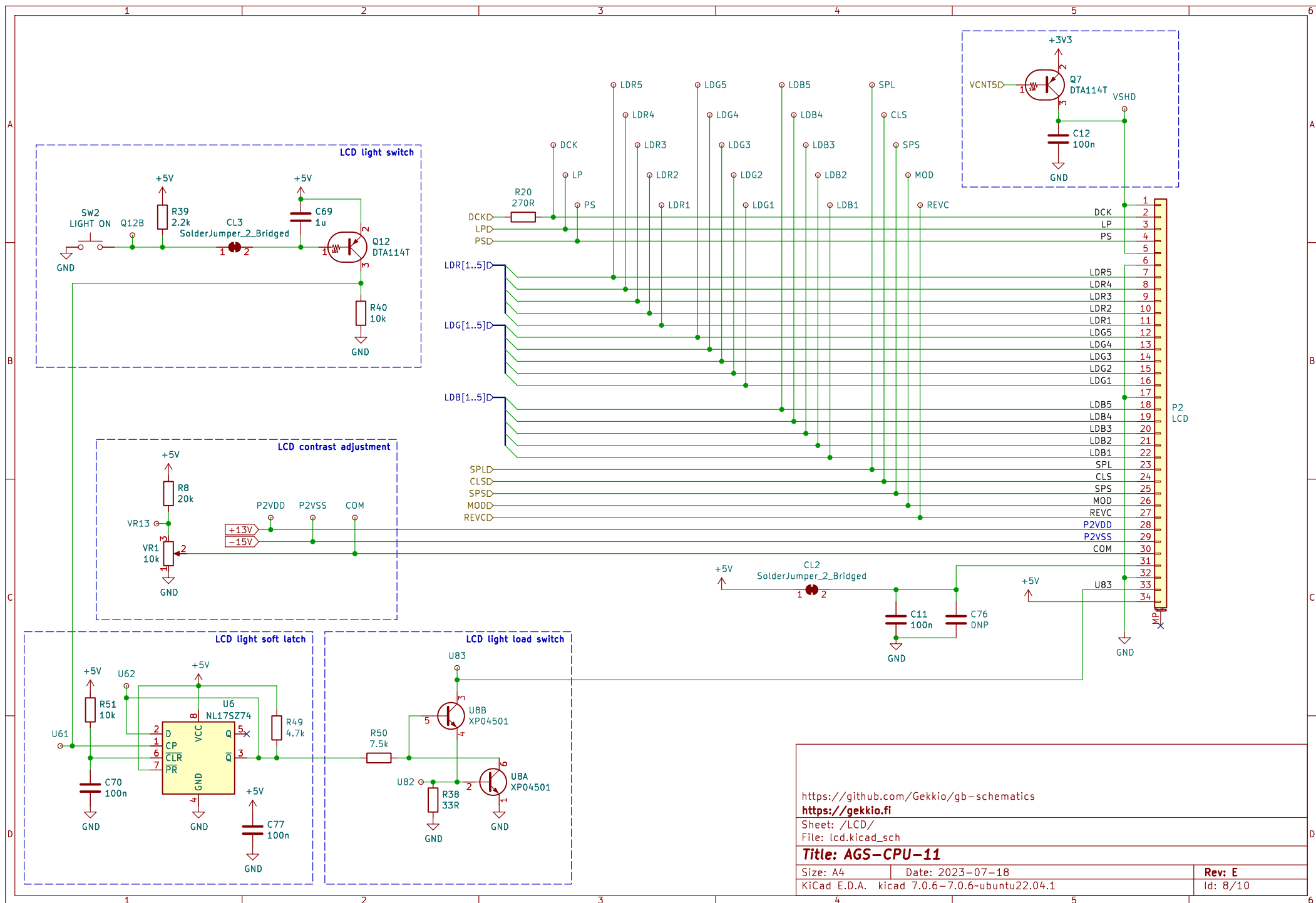
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Sheet: //Joypad/

File: joypad.kicad_sch

Title: AGS-CPU-11

Size: A4	Date: 2023-07-18	Rev: E
KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1	Id: 7/10	



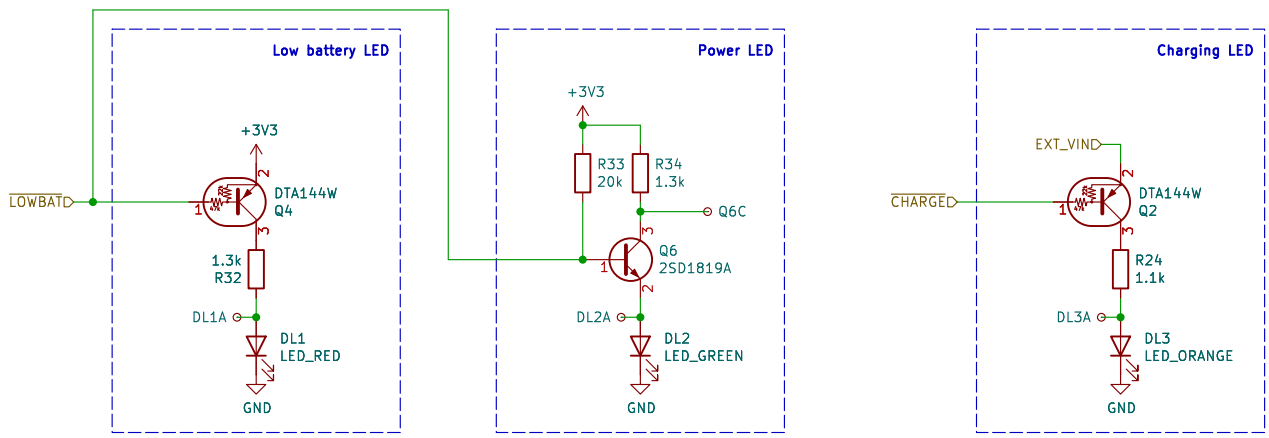
<https://github.com/Gekkio/gb-schematics>
<https://gekkio.fi>

Sheet: /LCD/
 File: lcd.kicad_sch

Title: AGS-CPU-11

Size: A4 Date: 2023-07-18
 KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Rev: E
 Id: 8/10



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

<https://gekkio.fi>

Sheet: /LEDs/

File: leds.kicad_sch

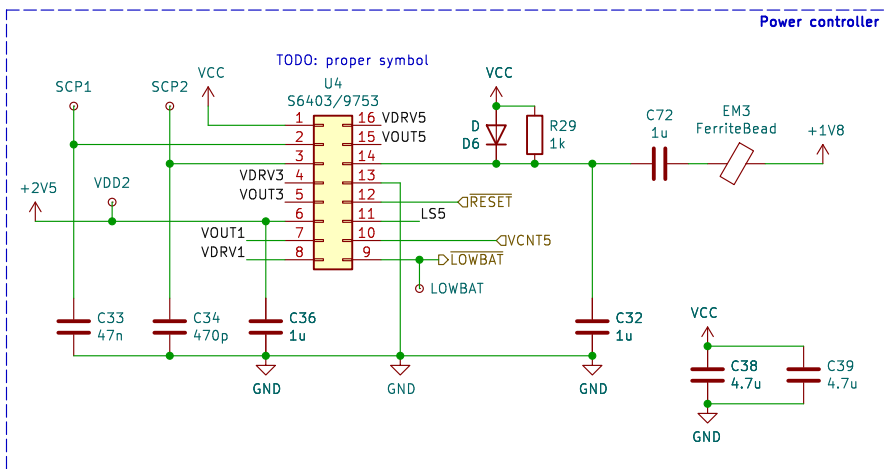
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Size: A4 Date: 2023-07-18

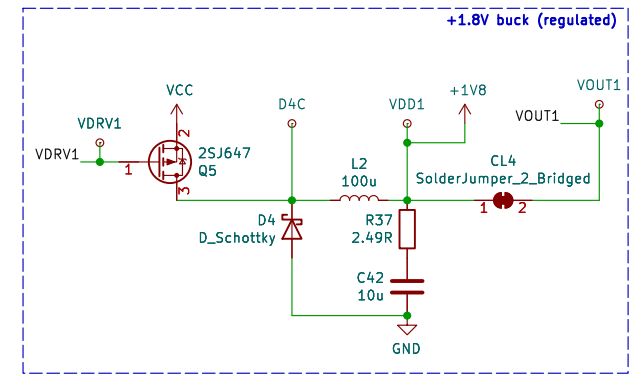
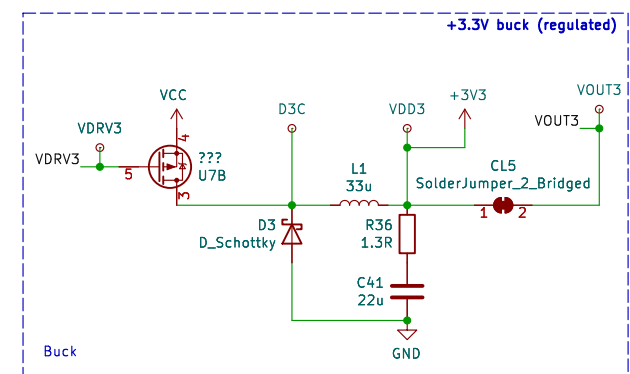
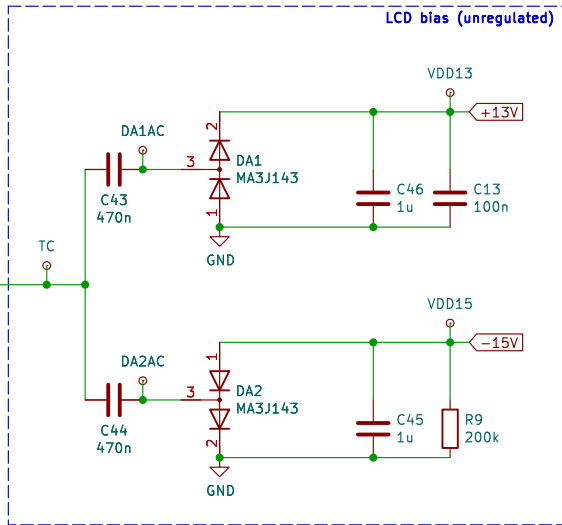
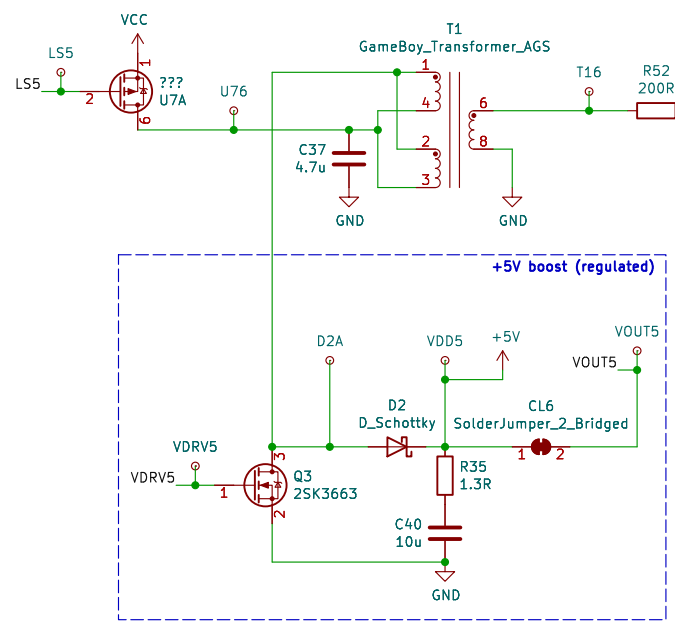
KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Rev: E

Id: 9/10



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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<https://gekkio.fi>

Sheet: /Power/
File: power.kicad_sch

Title: AGS-CPU-11

Size: A4 Date: 2023-07-18

KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Rev: E

Id: 10/10