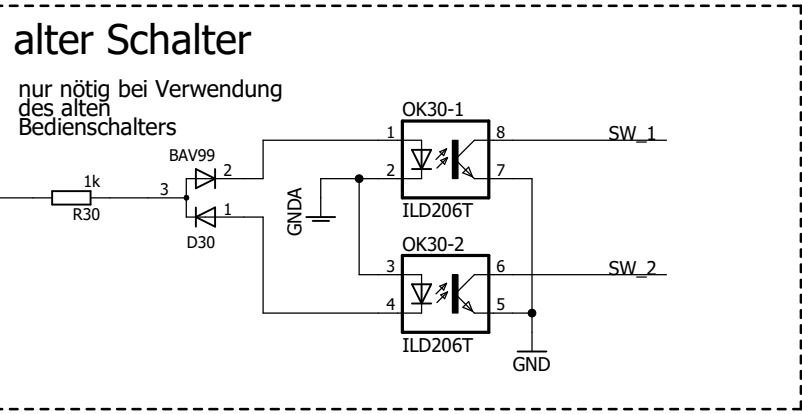
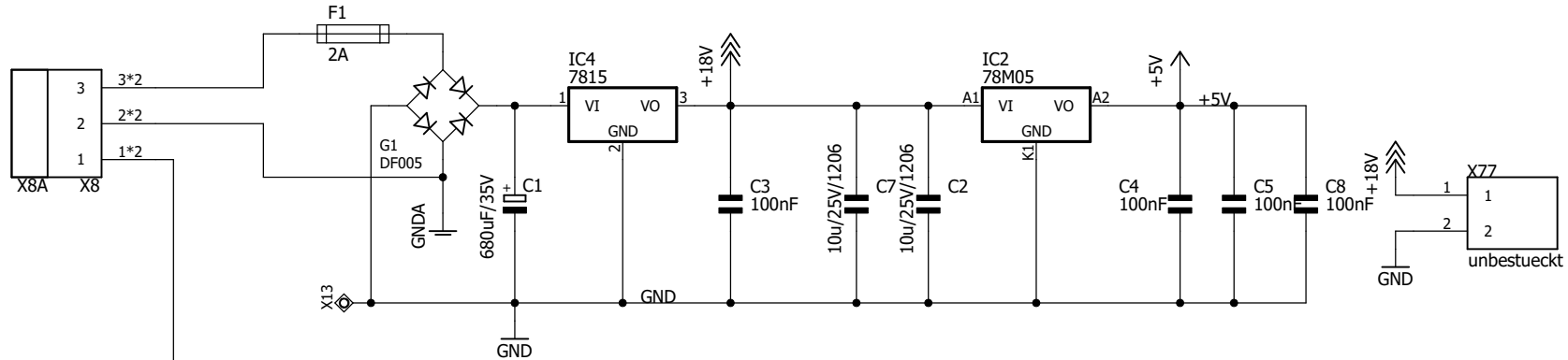
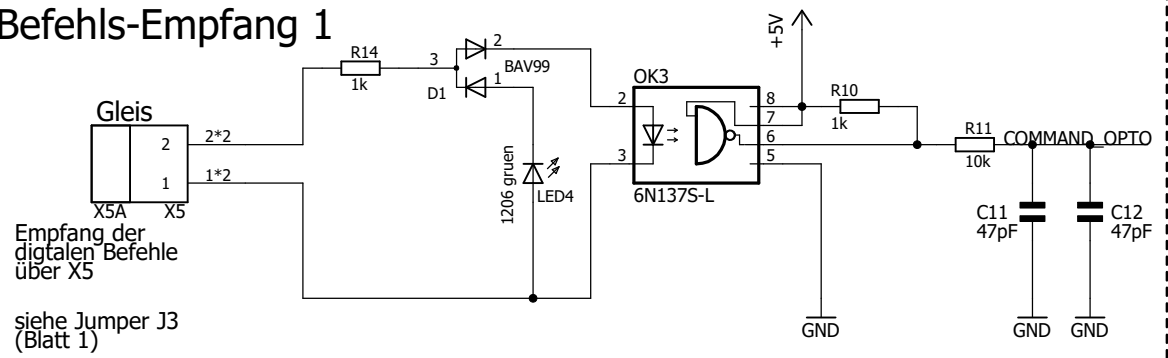


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Versorgung

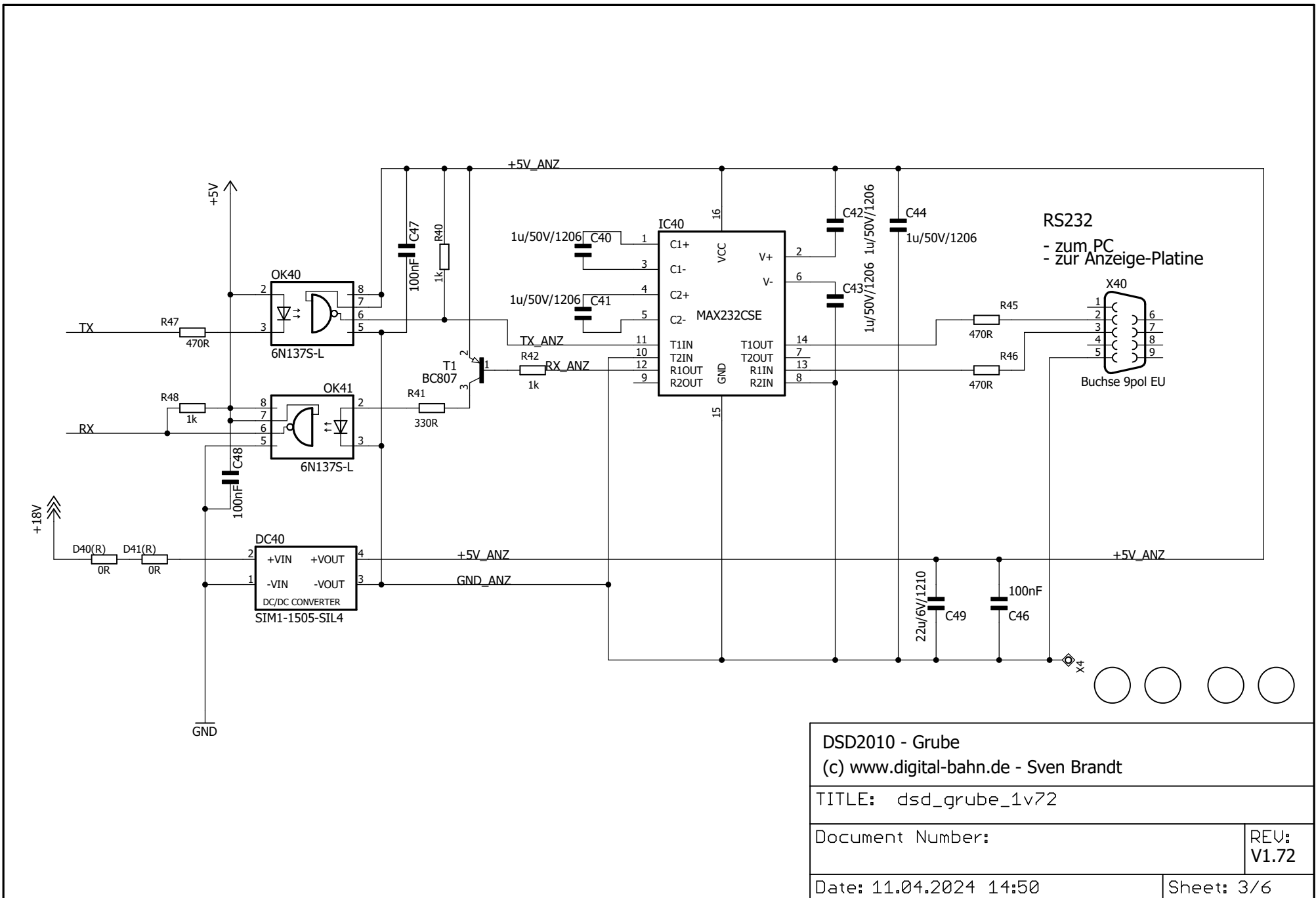


Befehls-Empfang 1

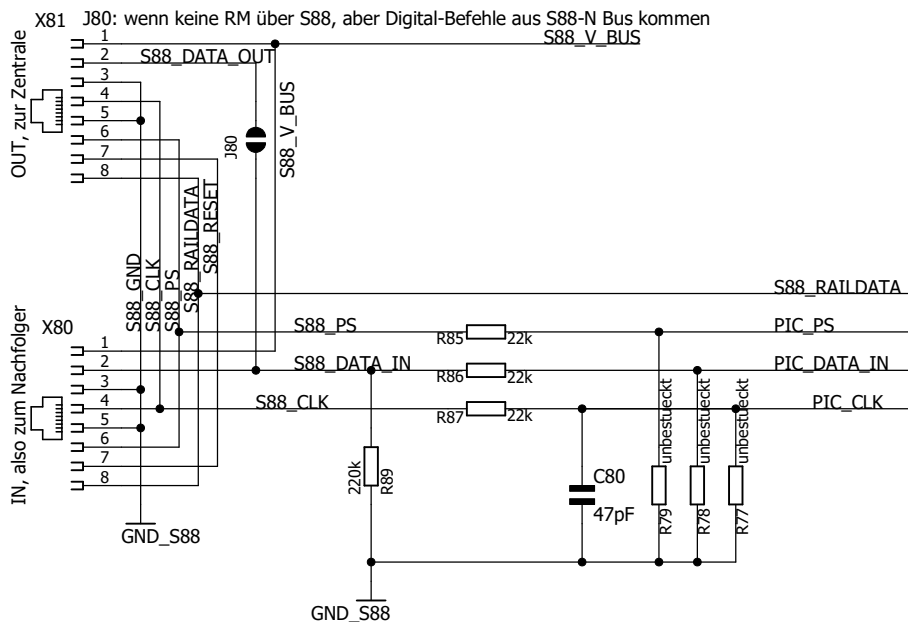
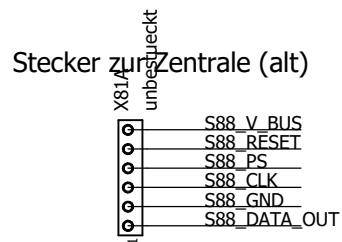


TSH35

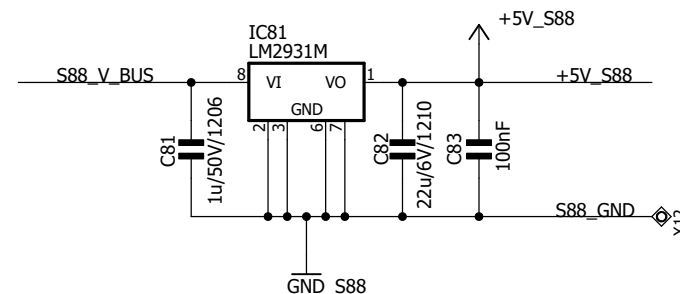
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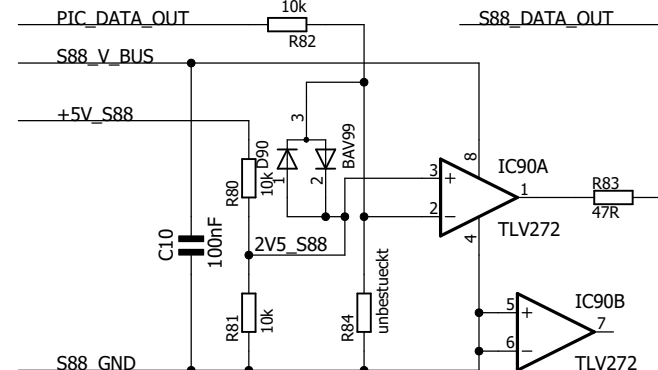
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Spg.-Versorgung S88



Data-Out (invert. auf Busspannung)



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WEEE

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CE

History:

V1.60 (2018-02)

- 78L05 in 78M05, 7818 in SMD Variante
- Kondensatoren: Tantal in MLCC / THT in SMD
- Stecker X3 für RM-Modul hinzu (Versorgungsspannung +18V)
- 4x Opto 6N137 in SMD Version / 3x Opto ILD74 in SMD Version
- C8 / C47 hinzu (100 nF)
- C12 hinzu
- Taster entfernt, da keine Funktion
- R2 in 1k5 (war 22k), C6 in 1nF (war 47pF) wg. Problem Kommunikation bei langen Kabeln
- F2 hinzu
- ULN weg, Opto S88 direkt am PIC (Signal-Polarität geändert!), Relais via BC817, Freilauf-Diode hinzu

V1.70 (2019-02)

- Rückkanal S88 (Future)
- Multifuse Gleisspannung hinzu

V1.71 (2023-09)

- X77/X90/X81A/OK83 -> unbestückt
- D40/D41 -> Widerstand 0R
- IC 4: 7818 -> 7815

V1.71 (2023-12)

- F1: 1A -> 2A

V1.72 (2024-01)

- MAX232A -> MAX232 inkl. Anpassung der nötigen Kondensatoren

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