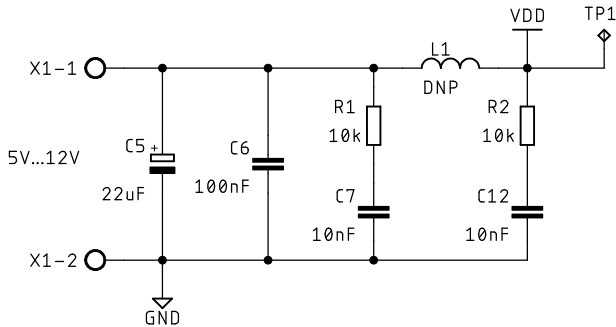
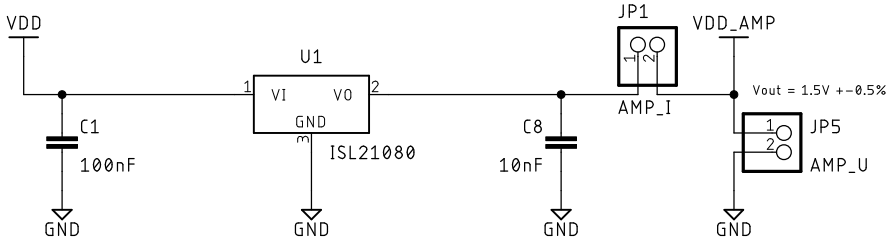


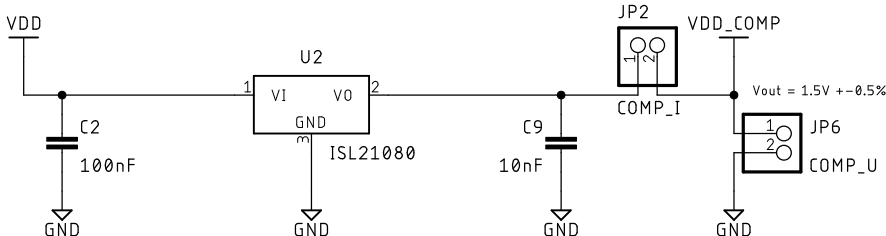
Asymmetric Power Supply Filtering



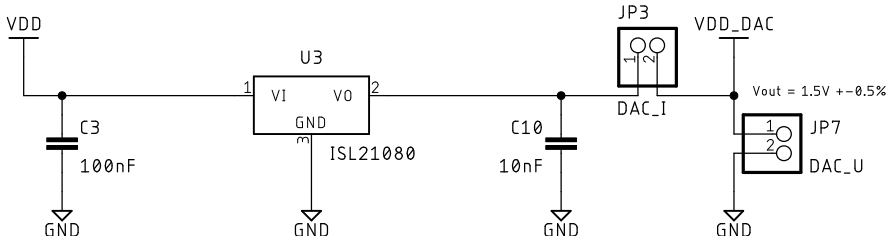
1.5V Precision Voltage Reference for Integrated Bio-Signal Amplifier



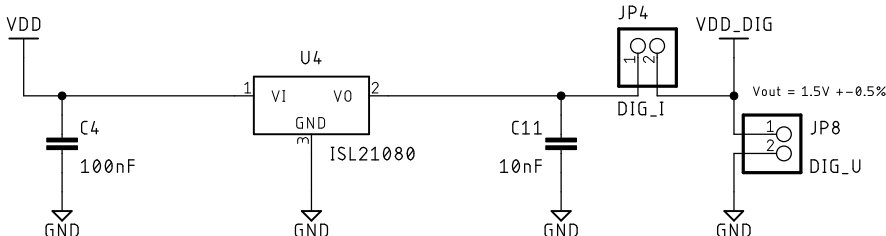
1.5V Precision Voltage Reference for Integrated DT Comparators



1.5V Precision Voltage Reference for Integrated DACs



1.5V Precision Voltage Reference for Integrated Digital Core



1.5V Supply Generation

TITLE: ATBS\_Evaluation-Board v6

Document Number:

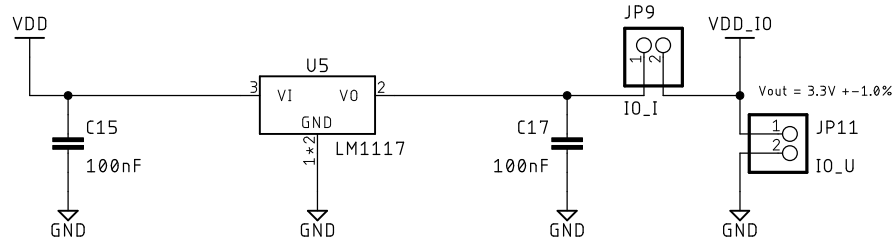
Simon Dorrer

REV:

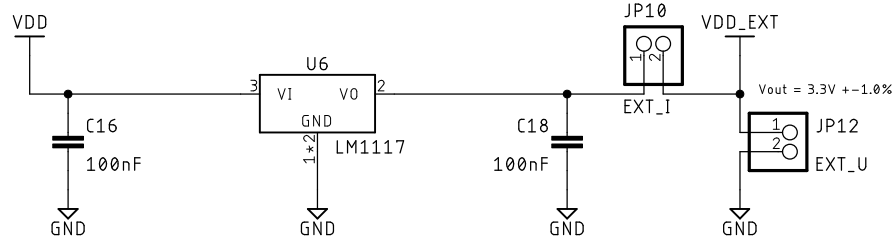
Date: 25.03.2025 08:29

Sheet: 1/4

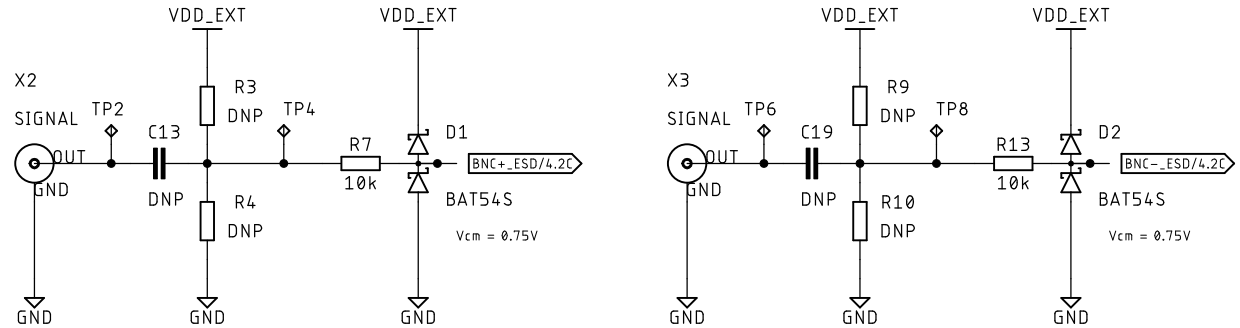
3.3V Voltage Supply for Integrated IO Pins



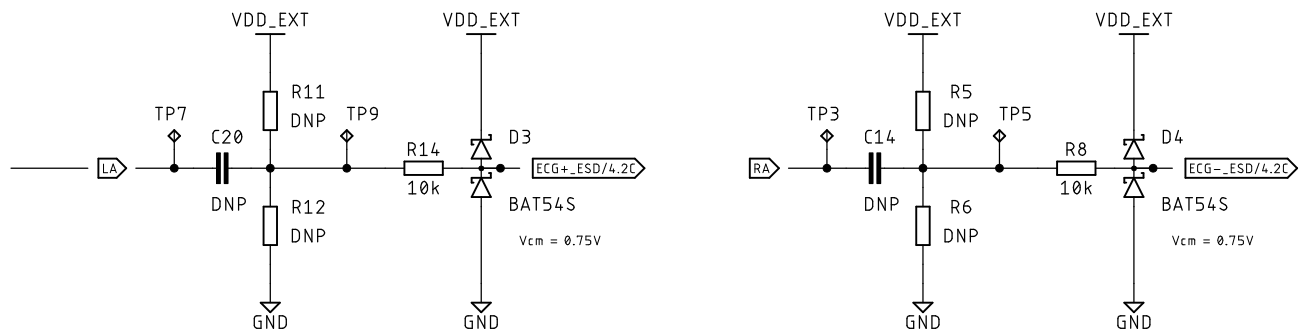
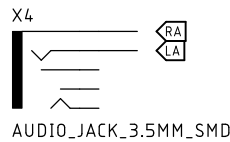
3.3V Voltage Supply for External Hardware



BNC Input Connectors



ECG Electrodes Audio Jack Input Connector



3.3V Supply Generation & Input Connectors

TITLE: ATBS\_Evaluation-Board v6

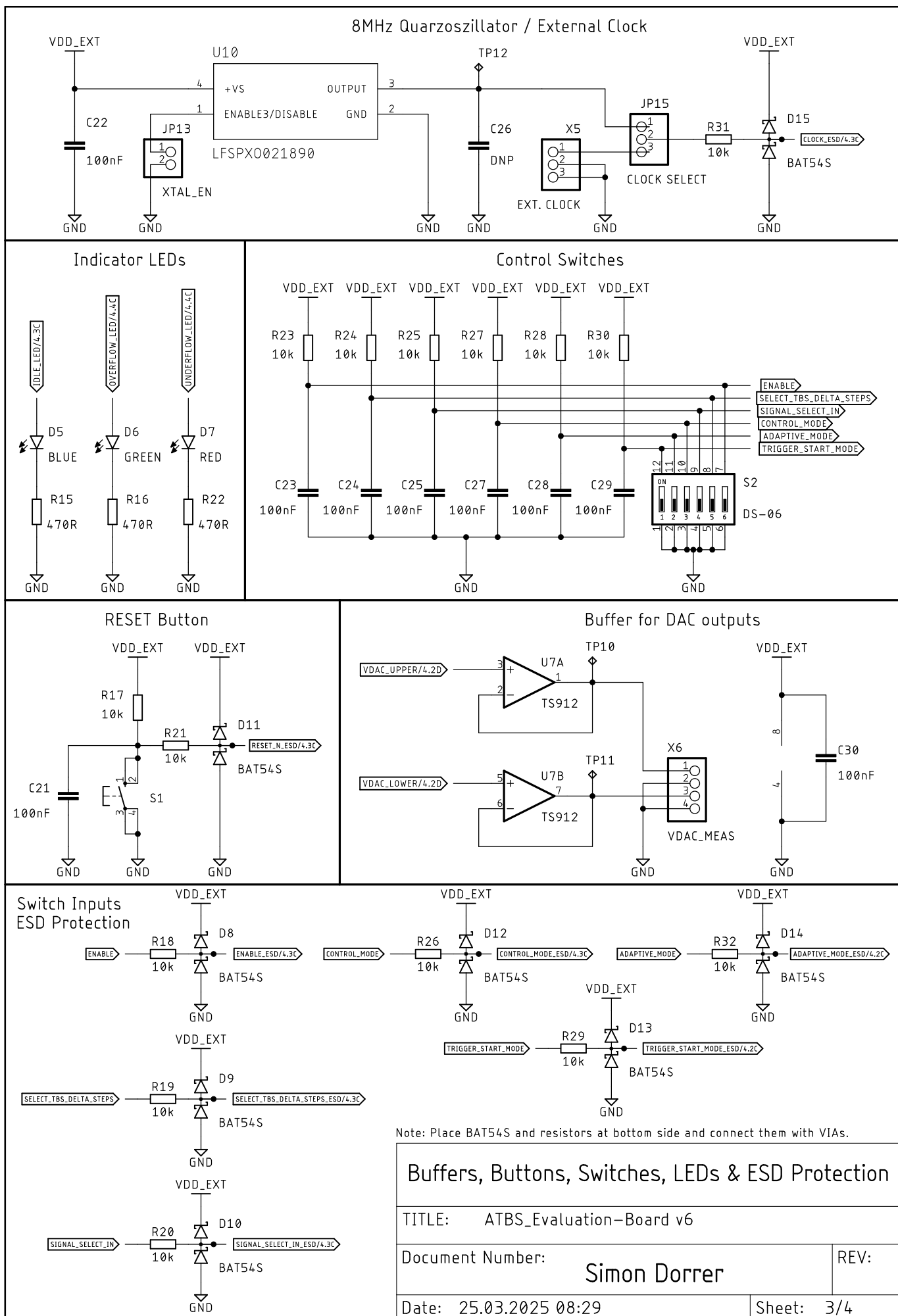
Document Number:

Simon Dorrer

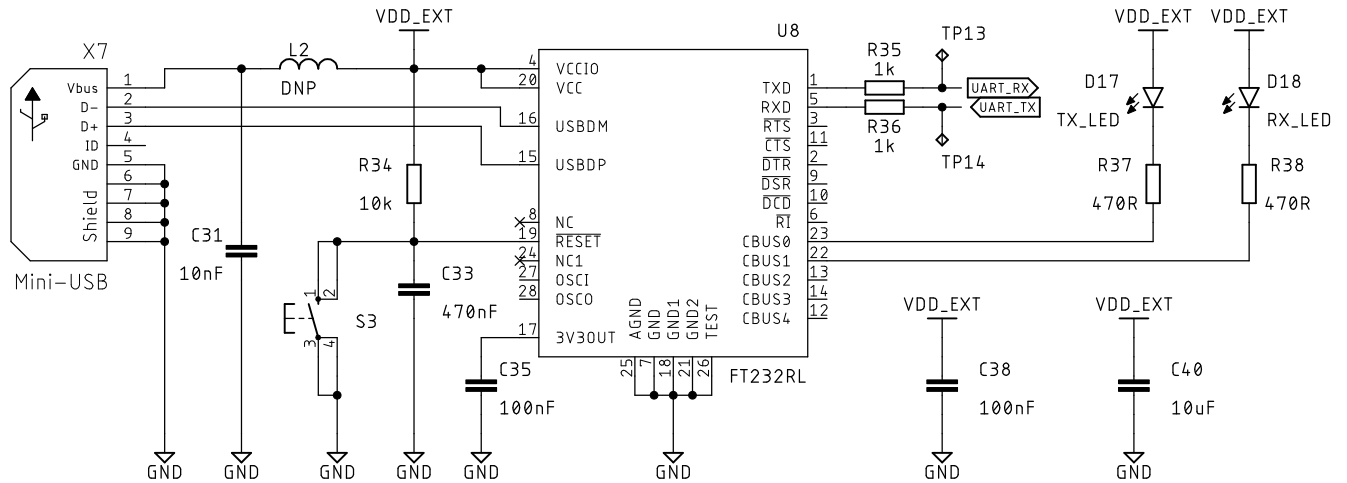
REV:

Date: 25.03.2025 08:29

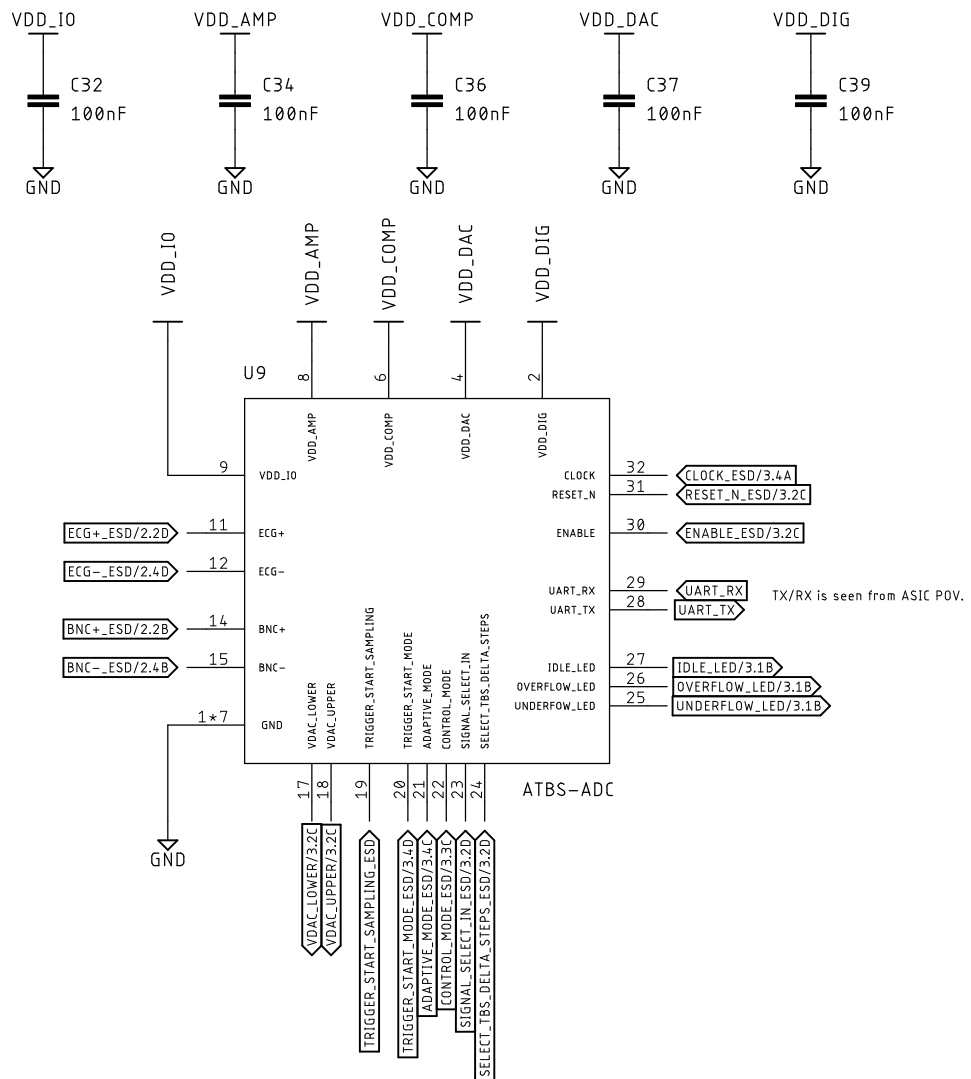
Sheet: 2/4



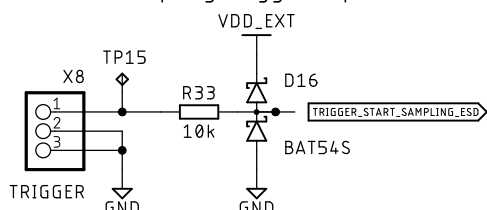
## UART to USB with FT232 (Mini USB)



## ATBS ADC ASIC



## Sampling Trigger Input



## UART to USB Interface & ATBS ASIC

TITLE: ATBS\_Evaluation-Board v6

Document Number:

Simon Dorrer

REV:

Date: 25.03.2025 08:29

Sheet: 4/4