

Signal Converter DMS Projekt

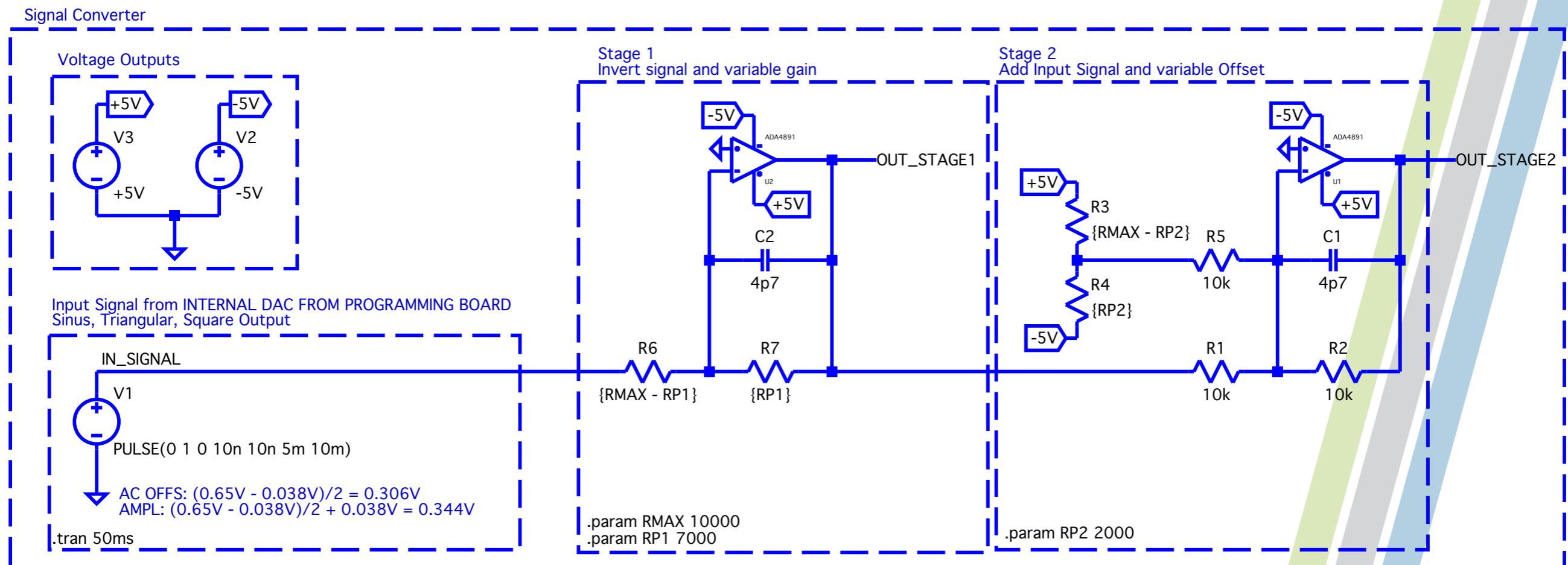
Dichler Sebastian & Egermann Werner

Inhalt

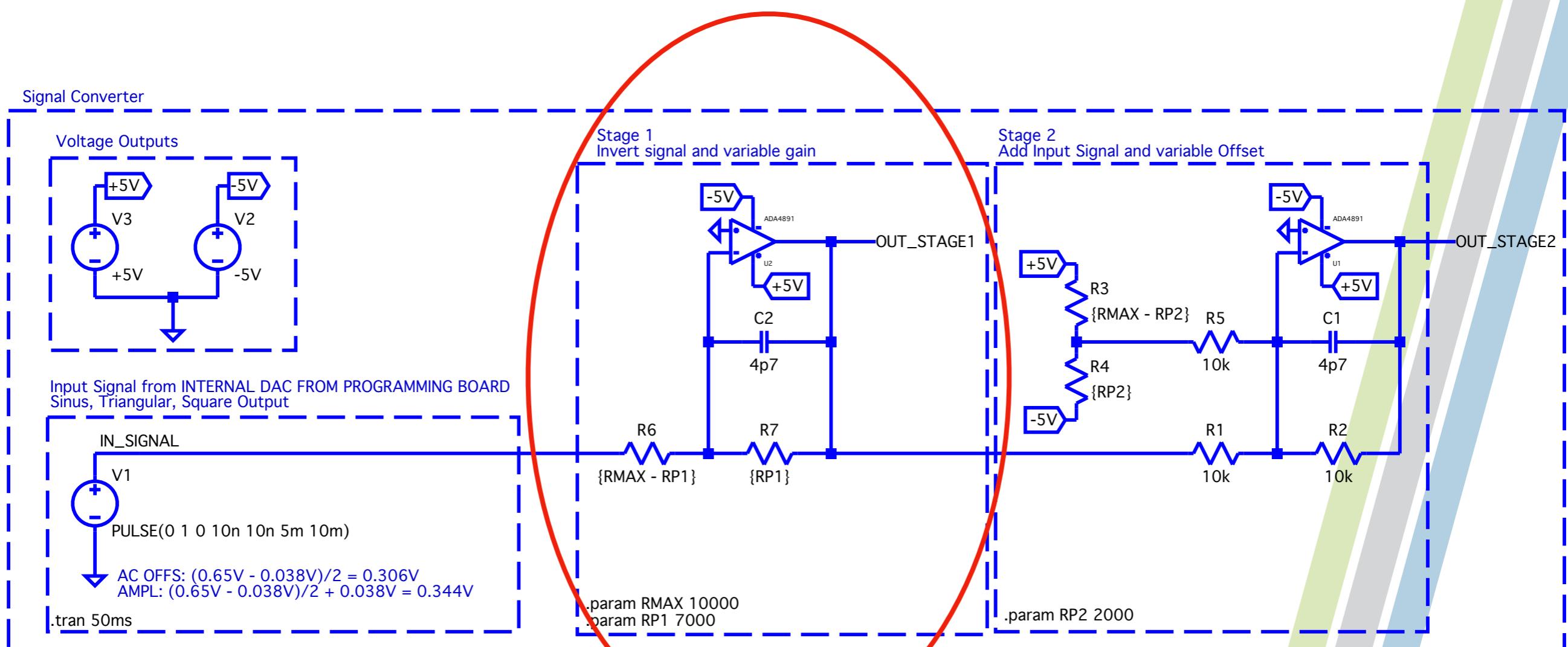
- **Hardware**
 - ▶ Simulation
 - ▶ Stückliste
 - ▶ Bedrahtung
- **Firmware**
- **Software**

Hardware

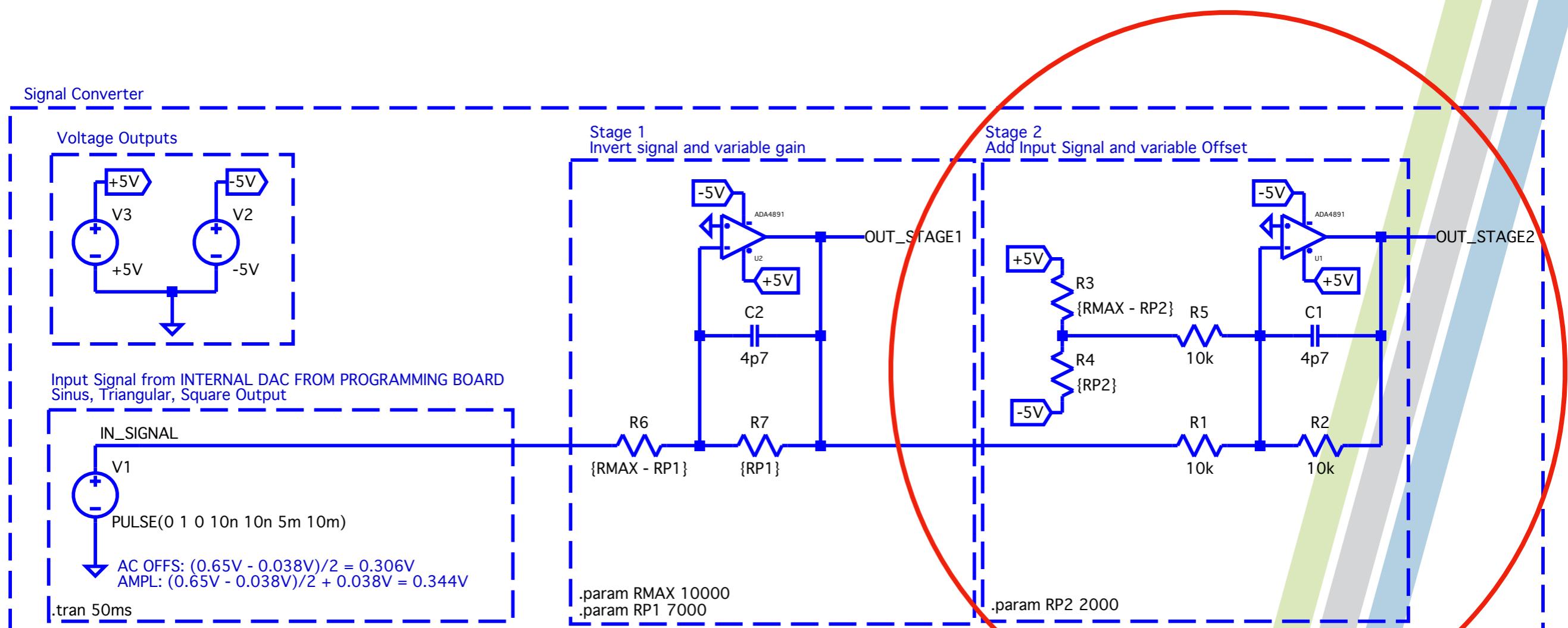
Hardware - Simulation



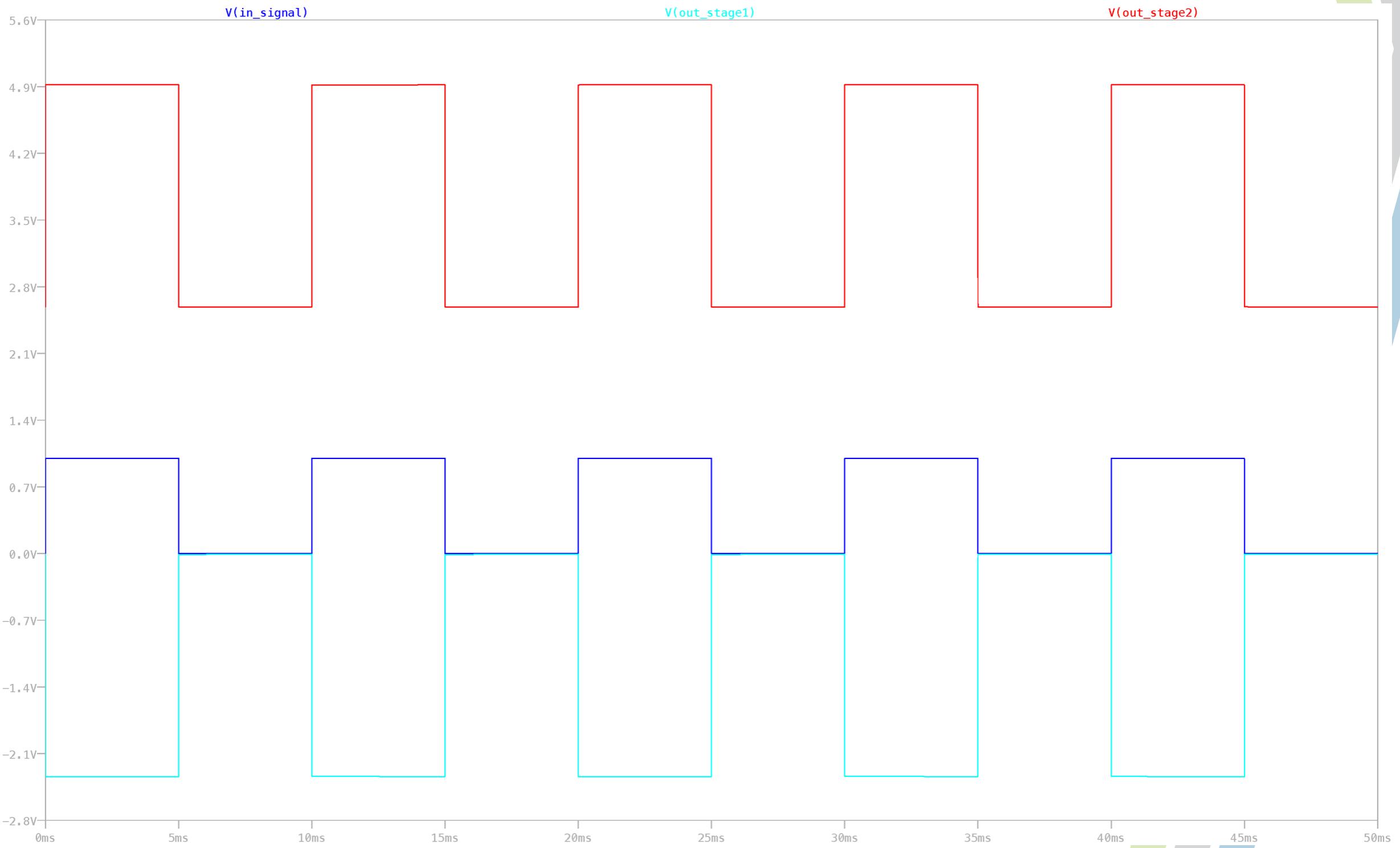
Hardware - Simulation



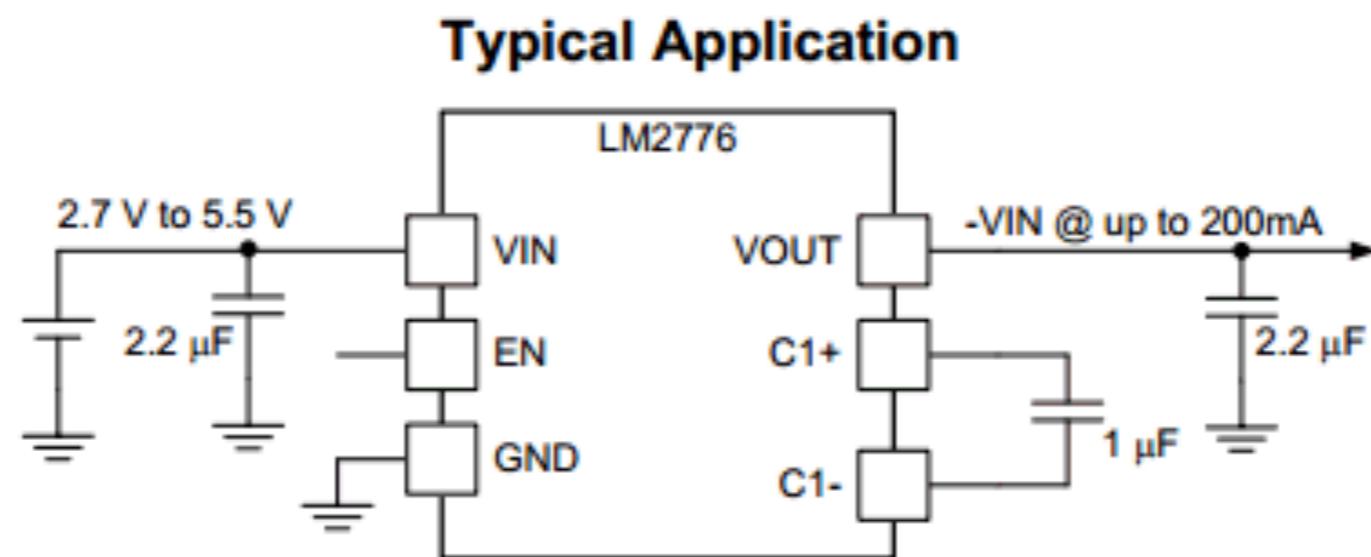
Hardware - Simulation



Hardware - Simulation



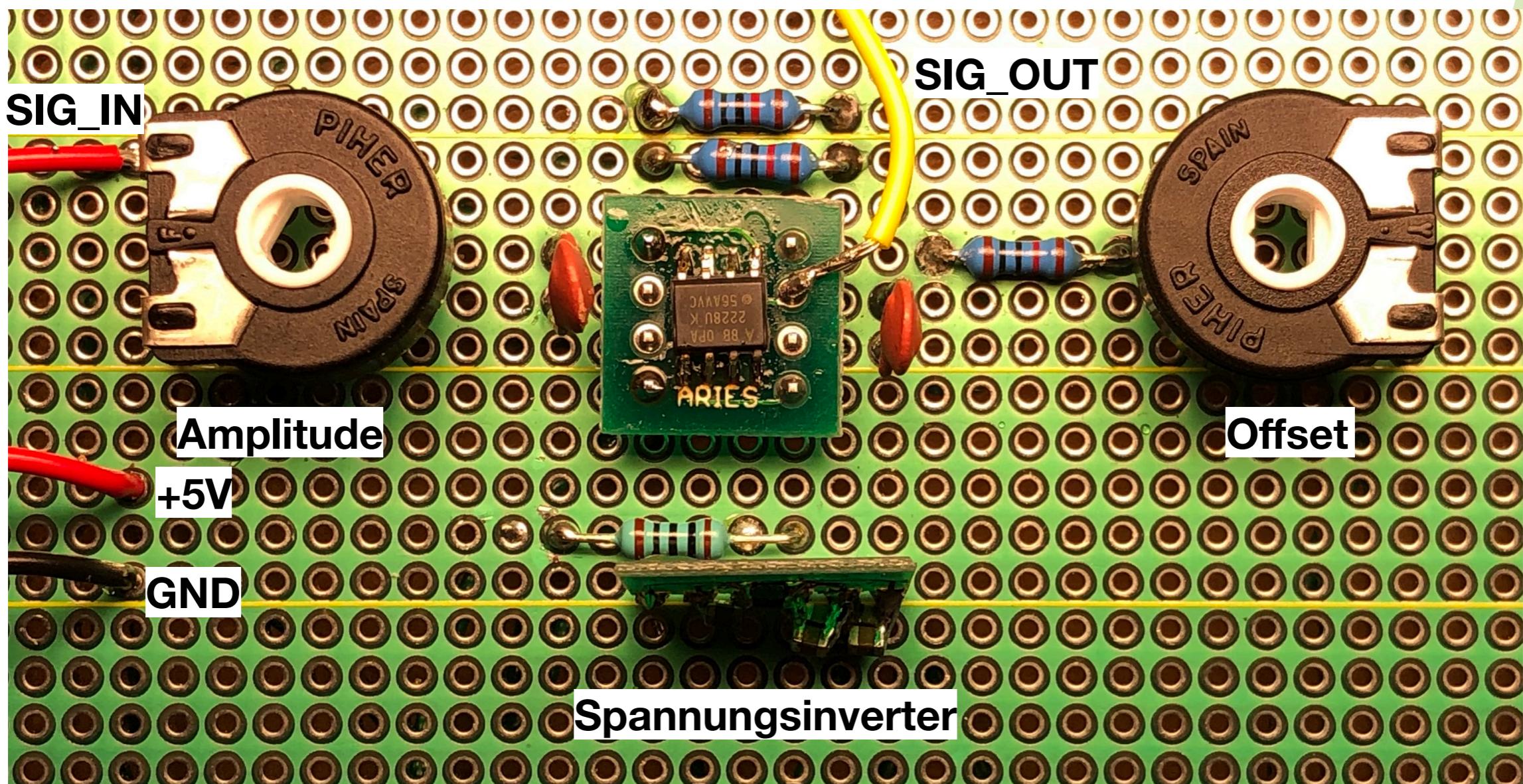
Hardware - Simulation



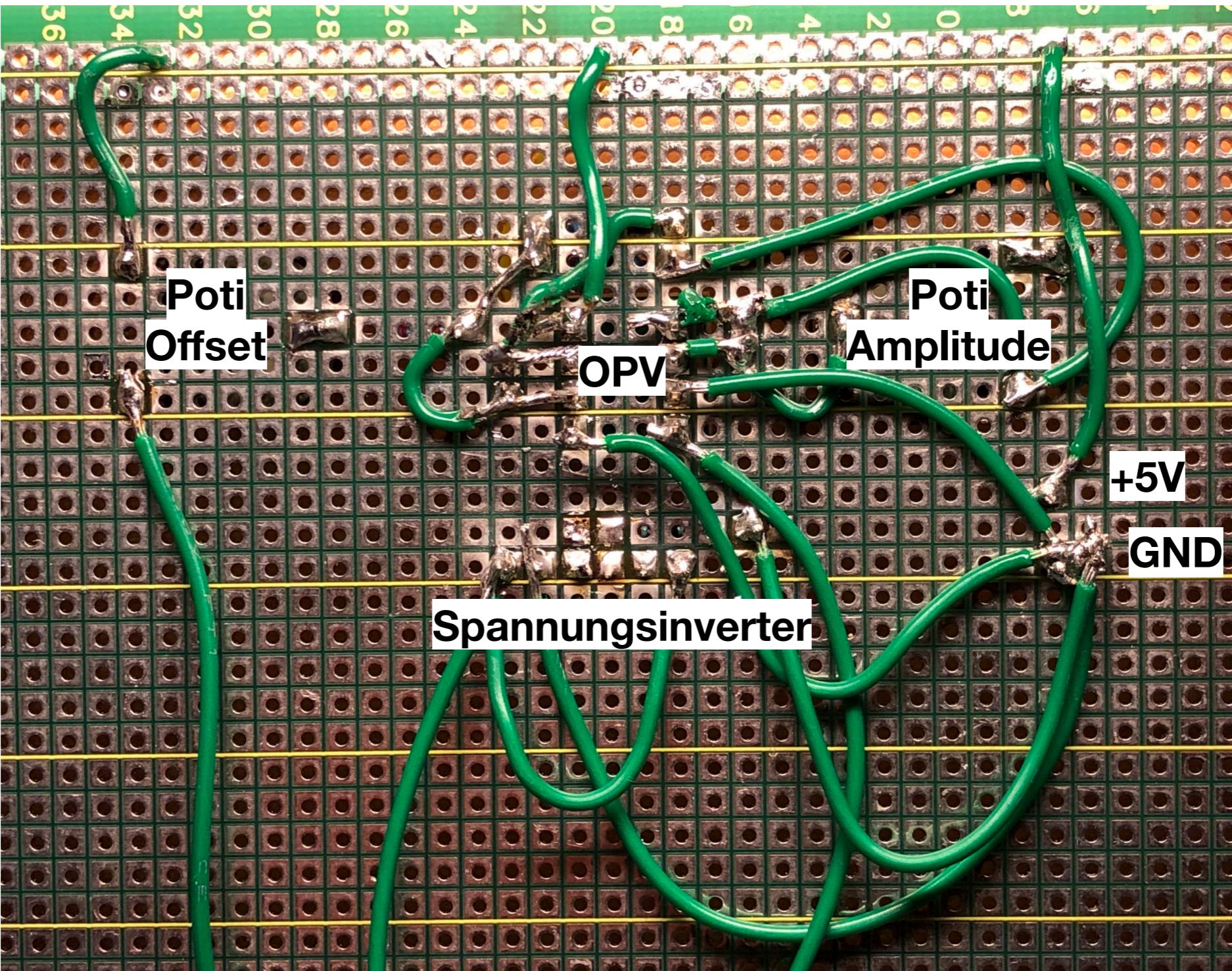
Hardware - Stückliste

Abschluss	Bauteil	Stück	Bauteilbezeichnung	RS-Online Bestellnummer	Farnell Bestellnummer	Lagernummer	Verpackung	Gehäuse	Preis gesamt	Distributor
✓	ADA4891	1	OPV	759-1534			Gurtabschnitt (CT)	8-SOIC	€ 1,940	rs-online.com
✓	SOIC to DIP Adapter	1	Adapter		2476033				€ 4,210	farnell.com
✓	LM2776DBVR	1	Spannungsinverter		2817376		Gurtabschnitt (CT)	SOT-23-6	€ 0,853	farnell.com
✓	SOT23 to DIP Adapter	1	Adapter		1654365				€ 1,510	farnell.com
✓	Potentiometer	2	Potentiometer, 10k			B000204				FHTW
✓	Widerstand	3	Widerstand, 10k, bedrahtet							FHTW
✓	Kondensator	2	Kondensator, 4p7, bedrahtet							FHTW
✓	Kondensator	2	Kondensator, 2u2, bedrahtet							FHTW
✓	Kondensator	1	Kondensator, 1u, bedrahtet							FHTW
Summe									€ 8,513	

Hardware - Bedrahtung



Hardware - Bedrahtung



Firmware

Software

Software - GUI by Helmut Resch

