

Qty	Value	Parts	Package	Description	Notes
1	Power Connector	JP1	1X05/90	PIN HEADER (1x5)	<p>There is a typo on the pcb. Please use 1N5817 diodes!</p> <p>*1</p> <p>Lumberg 1503-09 or clones (e.g. Reichelt EBS 35)</p> <p>NE5532 and other opamps will also work</p>
4	100N	C7, C8, C9, C10	000_7,5MM_FOIL_STANDARD	CAPACITOR	
2	10U	C5, C6	E2-5	POLARIZED CAPACITOR	
4	150K	R1, R2, R3, R4	000_7,5MM_STANDARD	RESISTOR	
4	1K	R5, R6, R7, R8	000_7,5MM_STANDARD	RESISTOR	
2	1N5187	D1, D2	000_MOD_7MM_BAT_4148	Schottky Diode	
2	2K2	R15, R16	000_7,5MM_STANDARD	RESISTOR	
2	2N3906	T1, T2	T092-EBC	PNP Transistor	
2	33K*	R13, R14	000_7,5MM_STANDARD	RESISTOR	
2	470K	R11, R12	000_7,5MM_STANDARD	RESISTOR	
4	470N	C1, C2, C3, C4	000_4MM_CAP_STANDARD	POLARIZED CAPACITOR	
2	68K	R9, R10	000_7,5MM_STANDARD	RESISTOR	
8	1503_09 Jack	X1-X8	1503_09	3,5mm Jack connectors	
1	LM13700N	IC1	DIL16	Dual OTA with buffers	
1	TL072	U1	DIL08	Generic Dual Op Amp	

*1: with a 33K resistor the output Vpp is less than 80% of the input Vpp when using a 0-10V control voltage. Use a slightly higher resistor value if required.