

Qty	Value	Device	Parts	Comments
6	100UF_450V	C25SNAP	C1, C6, C8, C9, C12, C13	Filter caps
1	47UF_450V	C25SNAP	C11	1st filter cap
2	OPEN	C-EU050-035X075	C14, C15	Loading caps for input transformer (optional to adjust square wave response)
2	0.22UF 600V	CAP_AX_38X16	C2, C3	Coupling caps between stage 1 and stage 2
2	330UF_50V	CPOL-EUE7.5-18	C4, C10	Output tube cathode bypass caps
2	0.33UF 600V	CAP_AX_38X16	C5, C7	Coupling caps between stage 2 and output tube grids
2	47K	R1/2W	R1, R3	Input grid leak / input transformer load - adjust as needed for best transformer square wave response
2	100_1W	R1W	R11, R21	B+ decoupling
4	1K CC	R1/2W	R12, R13, R16, R19	Carbon comp grid stoppers
2	400_5W	R12W_MILLS	R14, R22	Output tube cathode bias resistors
2	33K_1W	R5W_MILLS	R15, R20	2nd stage plate load
2	220K	R1/2W	R17, R18	Output tube grid resistors
1	910	R1/2W	R2	1st stage cathode bias resistor
1	100K_2W	R5W_MILLS	R23	Bleeder
1	10k	R1/2W	R24	Bleeder / filament bias
2	47K_1W	R5W_MILLS	R4, R5	1st stage plate load
1	0	R1/2W	R6	Normally jumpered
1	OPEN	R1/2W	R7	Short for unbalanced input
2	470K	R1/2W	R8, R10	2nd stage grid resistors
1	1K	R1/2W	R9	Metal film, carbon film
1	SOWTER_3575	SOWTER_3575	T1	Input transformer (Sowter option)
1	LUNDAHL_LL1690	XFMR_LL1690	T1A	Input transformer (Lundahl option)
2	6SN7	TRIODE_8	VT1, VT2	Use PCB mount octal socket
1	5U4	RECT_OCTAL	VT3	Use PCB mount octal socket