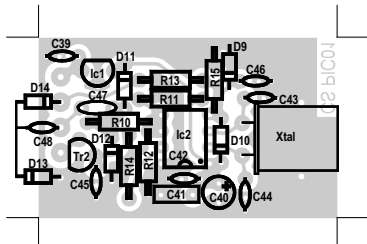
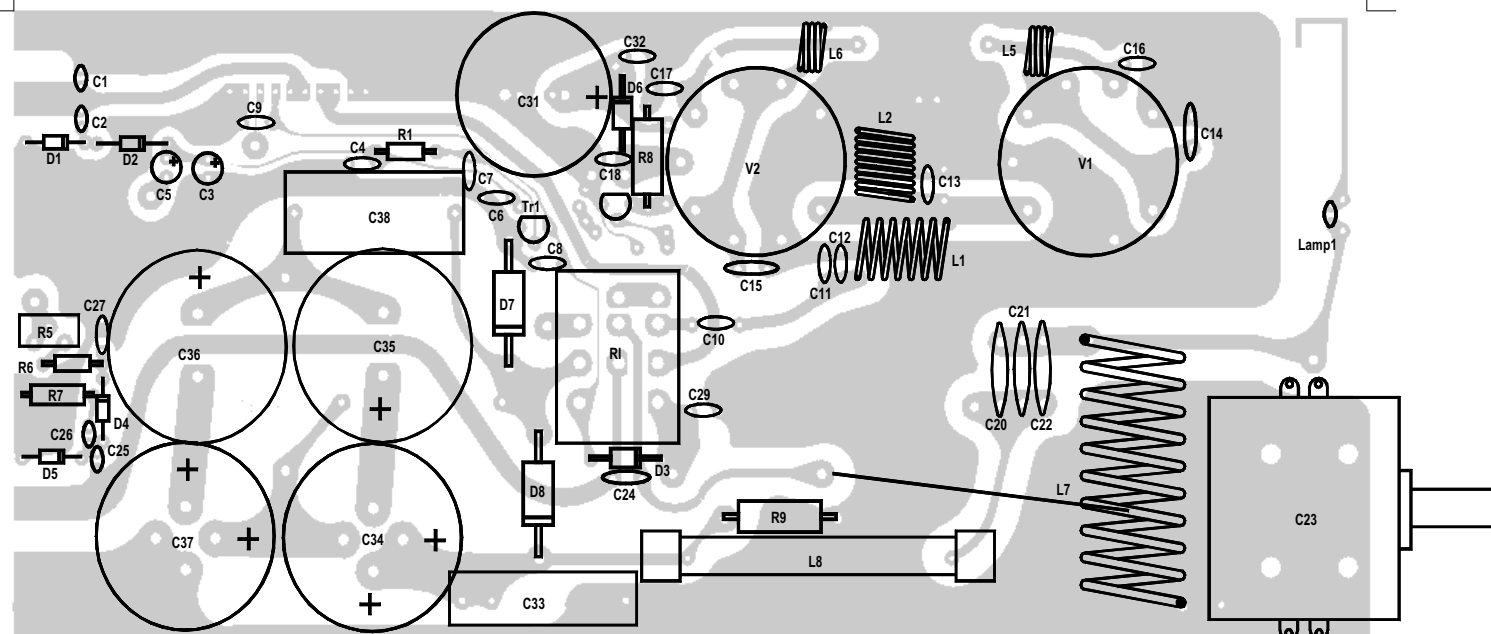
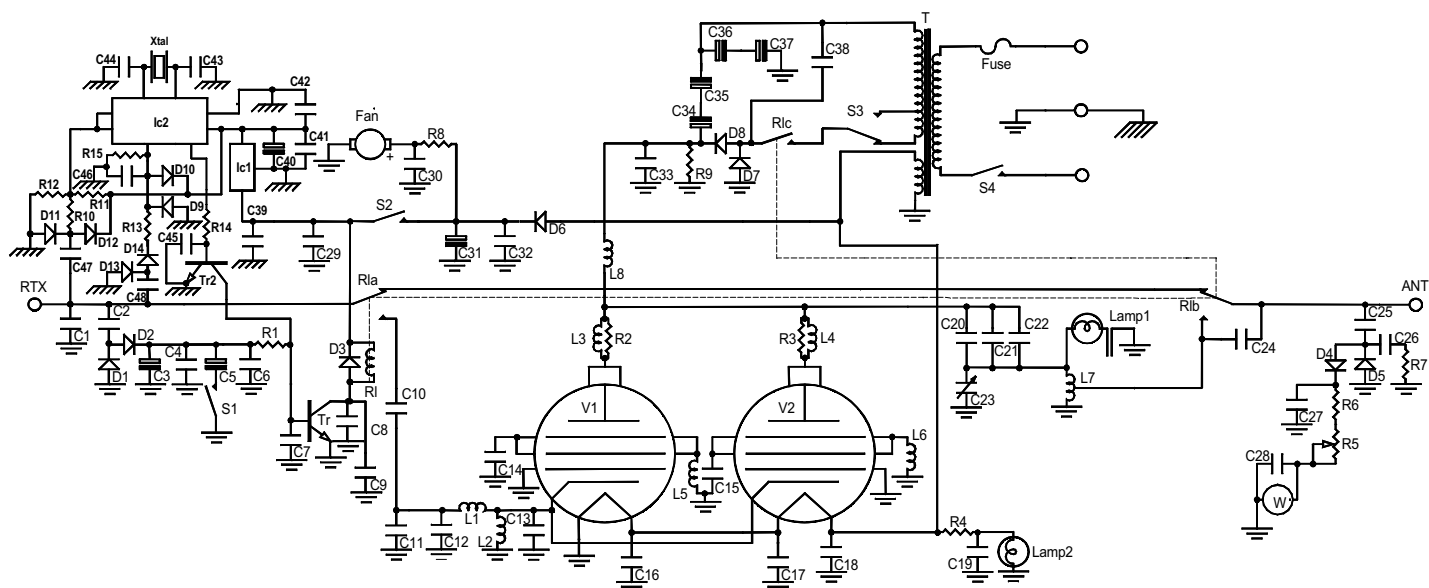


Mod. KLV 350 linear amplifier

Schematic diagram

Version 1.10



List of components

C ₁	= 33 pF	50 V	N750	R ₁	= 2,2 K Ω	1/4W
C ₂	= 8,2 pF	50 V	N750	R ₂	= 47 Ω	5W
C ₃	= 10 μ F	25 V		R ₃	= 47 Ω	5W
C ₄	= 10 nF	50 V		R ₄	= 68 Ω	2W
C ₅	= 47 μ F	25 V		R ₅	= Trimmer	220 K Ω
C ₆	= 10 nF	50 V		R ₆	= 47 K Ω	1/4W
C ₇	= 10 nF	50 V		R ₇	= 27 Ω	1/2W
C ₈	= 10 nF	50 V		R ₈	= 47 Ω	1W
C ₉	= 10 nF	50 V		R ₉	= 470 K Ω	2W
C ₁₀	= 10 nF	50 V		R ₁₀	= 100 Ω	1/4W
C ₁₁	= 120 pF	50 V	N750	R ₁₁	= 10 K Ω	1/4W
C ₁₂	= 120 pF	50 V	N750	R ₁₂	= 10 K Ω	1/4W
C ₁₃	= 100 pF	50 V	N750	R ₁₃	= 56 K Ω	1/4W
C ₁₄	= 220 pF	500 V	N750	R ₁₄	= 1,0 K Ω	1/4W
C ₁₅	= 220 pF	500 V	N750	R ₁₅	= 1,0 M Ω	1/4W
C ₁₆	= 100 nF	50 V		D ₁ = D ₂ = D ₄ = D ₅	= 1N4148	
C ₁₇	= 100 nF	50 V		D ₃ = D ₆	= 1N4004	
C ₁₈	= 100 nF	50 V		D ₇ = D ₈	= BY 255	
C ₁₉	= 100 nF	50 V		D ₉ = D ₁₀ = D ₁₁ = D ₁₂ = D ₁₃ = D ₁₄	= 1N4148	
C ₂₀	= 4,7 nF	1000 V		Tr ₁ = Tr ₂	= BC 547	
C ₂₁	= 4,7 nF	1000 V		Xtal	= 4,0 MHz	
C ₂₂	= 4,7 nF	1000 V		Ic ₁	= LM 78L08	
C ₂₃	= Variable condensator	50 pF		Ic ₂	= PIC 12C508A	
C ₂₄	= 100 pF	500 V	N750	V ₁ = V ₂	= EL 509 - EL 519	
C ₂₅	= 2,2 pF	50 V	N750	L ₁	= 6 turns ϕ 8 mm wire ϕ 0.8 mm	
C ₂₆	= 33 pF	50 V	N750	L ₂	= 9 turns ϕ 8 mm wire ϕ 0.8 mm	
C ₂₇	= 100 nF	50 V		L ₃ = L ₄	= 3 turns wound on resistor, wire ϕ 0.8 mm	
C ₂₈	= 100 nF	50 V		L ₅ = L ₆	= 3 turns ϕ 6 mm wire ϕ 0.8 mm	
C ₂₉	= 100 nF	50 V		L ₇	= 9 turns ϕ 13 mm wire ϕ 1.5 mm tap 4 ^a turns	
C ₃₀	= 10 nF	50 V		L ₈	= RF impedance block	
C ₃₁	= 470 μ F	25 V		RI	= Relè 12 V 5513	
C ₃₂	= 100 nF	50 V		Fuse	= 6 A	
C ₃₃	= 18 nF	1000V		Lamp ₁	= 24 V	
C ₃₄	= 470 μ F	200 V		Lamp ₂	= Meter lamp	
C ₃₅	= 470 μ F	200 V		S ₁	= Switch 3A (AM - SSB)	
C ₃₆	= 470 μ F	200 V		S ₂	= Switch 3A (ON - St. By)	
C ₃₇	= 470 μ F	200 V		S ₃	= Switch 3A (HI - LOW)	
C ₃₈	= 470 nF	630V~		S ₄	= Switch 3A (ON - OFF)	
C ₃₉	= 10 nF	50 V		T	= Transformator IN 110 OUT 0-250-300V 0-12 V	
C ₄₀	= 22 μ F	16 V		Fan	= Fan 12 V	
C ₄₁	= 100 nF	63 V	polyester			
C ₄₂	= 10 nF	50 V				
C ₄₃	= 27 pF	50 V	NP0			
C ₄₄	= 27 pF	50 V	NP0			
C ₄₅	= 10 nF	50 V				
C ₄₆	= 10 nF	50 V				
C ₄₇	= 3,3 pF	50 V	NP0			
C ₄₈	= 2,2 pF	50 V	NP0			