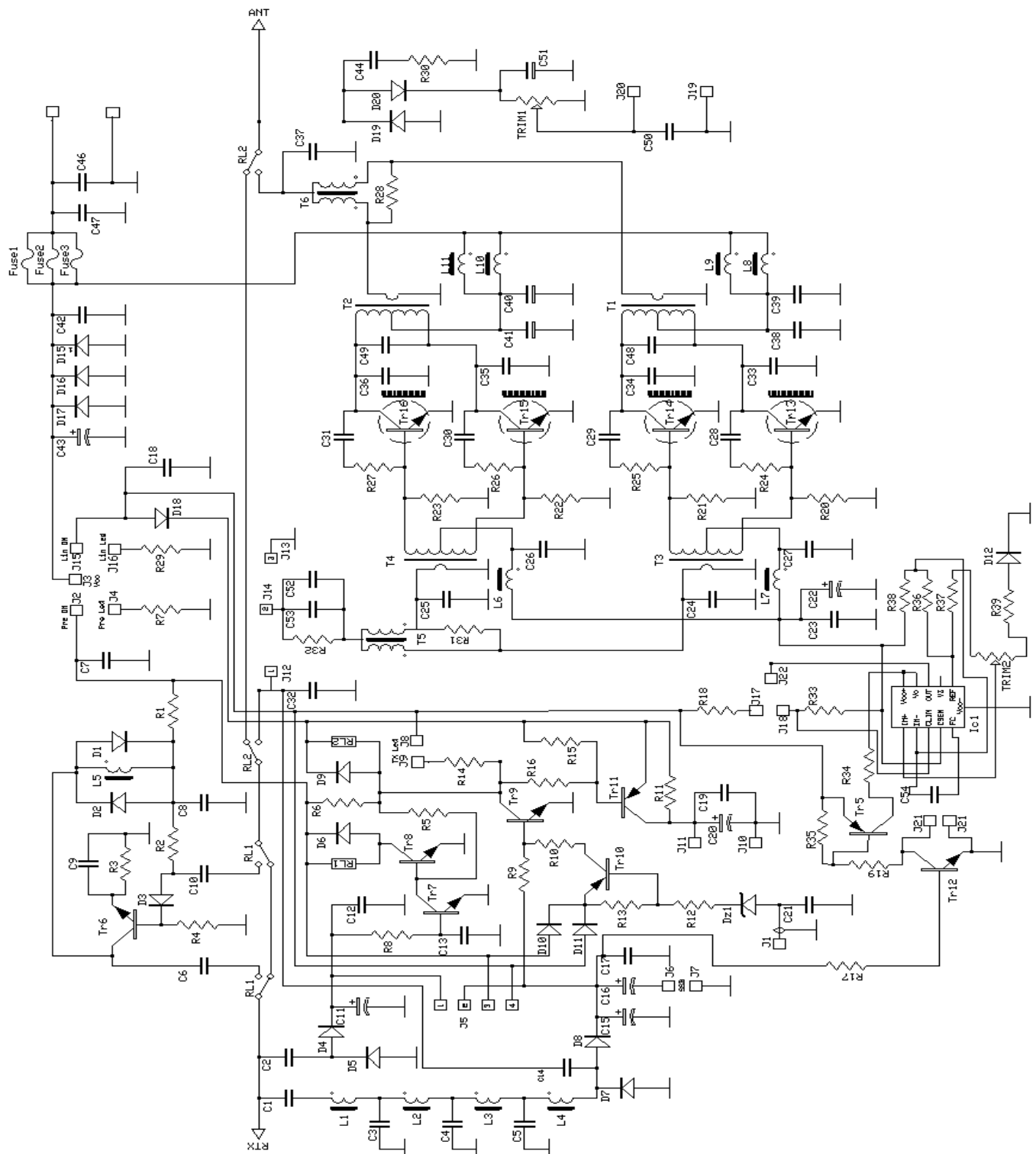
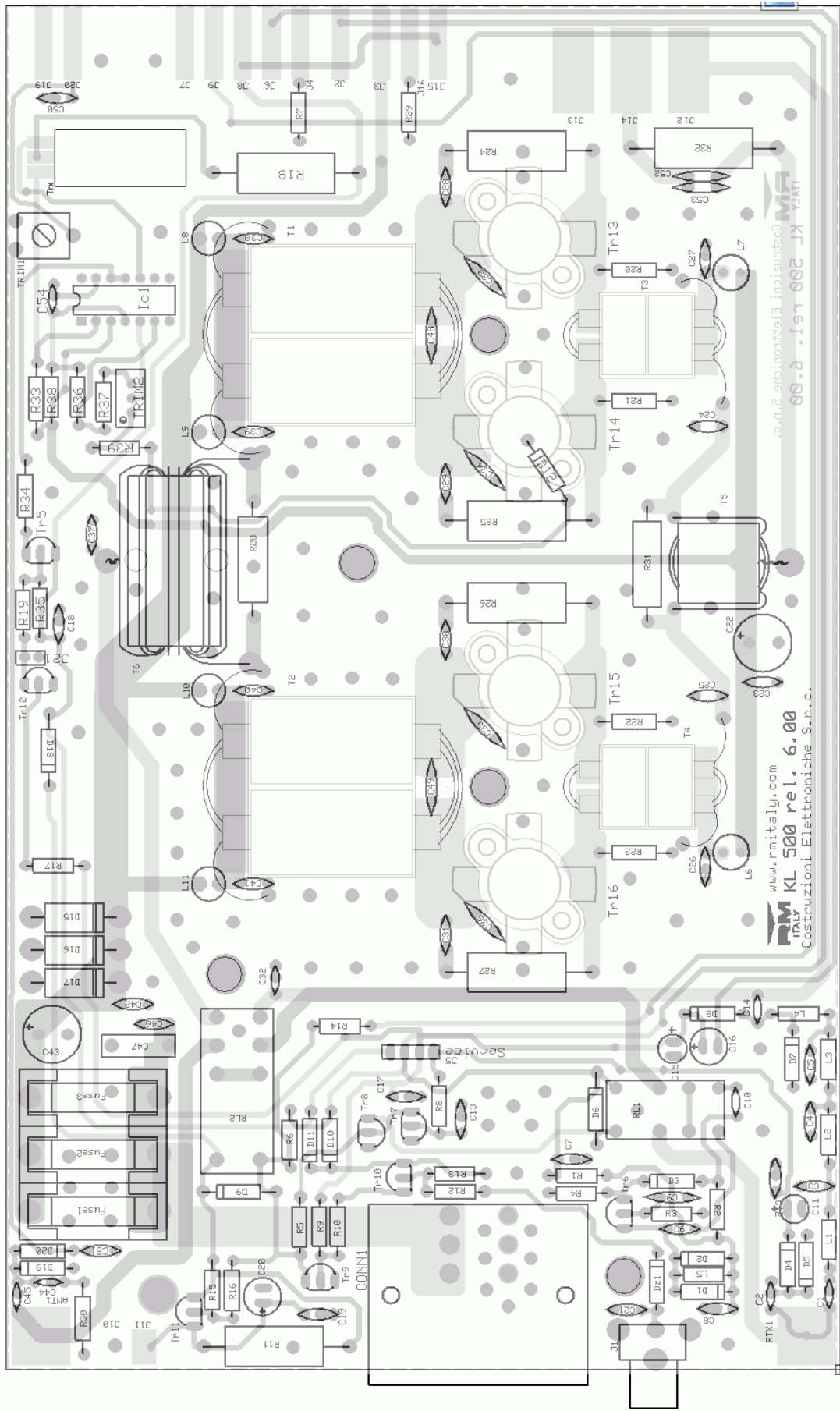


Mod. KL 505 linear amplifier

Schematic diagram

Version 6.00





List of components

C ₁ = 3,3 pF	50 V	NP0	R ₄ = 2,2 K Ω	¼W
C ₂ = 8,2 pF	50 V	NP0	R ₅ = 12 K Ω	¼W
C ₃ = 100 pF	50 V	NP0	R ₆ = 12 K Ω	¼W
C ₄ = 100 pF	50 V	NP0	R ₇ = 1,0 K Ω	¼W
C ₅ = 82 pF	50 V	NP0	R ₈ = 2,2 K Ω	¼W
C ₆ = 150 pF	50 V	NP0	R ₉ = 2,2 K Ω	¼W
C ₇ = 10 nF	50 V		R ₁₄ = 1,0 K Ω	¼W
C ₈ = 10 nF	50 V		R ₁₆ = 4,7K Ω	¼W
C ₉ = 470 pF	50 V	N750	R ₁₇ = 12 K Ω	¼W
C ₁₀ = 56 pF	50 V	NP0	R ₁₈ = 22 Ω	5W
C ₁₁ = 10 μ F	16 V		R ₁₉ = 4,7K Ω	¼W
C ₁₂ = 10 nF	50 V		R ₂₀ = 10 Ω	½W
C ₁₃ = 10 nF	50 V		R ₂₁ = 10 Ω	½W
C ₁₄ = 5,6 pF	50 V	NP0	R ₂₂ = 10 Ω	½W
C ₁₅ = 2,2 μ F	16 V		R ₂₃ = 10 Ω	½W
C ₁₆ = 47 μ F	16 V		R ₂₄ = 100 Ω	5W
C ₁₇ = 10 nF	50 V		R ₂₅ = 100 Ω	5W
C ₁₈ = 10 nF	50 V		R ₂₆ = 100 Ω	5W
C ₂₂ = 470 μ F	25 V		R ₂₇ = 100 Ω	5W
C ₂₃ = 100 nF	50 V		R ₂₈ = 100 Ω	2W
C ₂₄ = 220 pF	50 V	NP0	R ₂₉ = 1,0 K Ω	¼W
C ₂₅ = 220 pF	50 V	NP0	R ₃₁ = 100 Ω	2W
C ₂₆ = 10 nF	50 V		R ₃₂ = 33 Ω	5W
C ₂₇ = 10 nF	50 V		R ₃₃ = 1 Ω	½W
C ₂₈ = 47 nF	50 V		R ₃₄ = 1 Ω	½W
C ₂₉ = 47 nF	50 V		R ₃₅ = 1 K Ω	¼W
C ₃₀ = 47 nF	50 V		R ₃₆ = 18 K Ω	¼W
C ₃₁ = 47 nF	50 V		R ₃₇ = 8,2 K Ω	¼W
C ₃₂ = 47 pF	50 V	NP0	R ₃₈ = 1 K Ω	¼W
C ₃₃ = 180 pF	500 V	N750	R ₃₉ = 8,2 K Ω	¼W
C ₃₄ = 180 pF	500 V	N750	Trim ₂ = 10 K Ω multiturn	
C ₃₅ = 180 pF	500 V	N750	D ₁ = D ₂ = D ₃ = D ₄ = D ₅ = D ₇ = D ₈ = 1N4148	
C ₃₆ = 180 pF	500 V	N750	D ₆ = D ₉ = D ₁₂ = D ₁₈ = 1N4007	
C ₃₇ = 68 pF	500 V	NP0	D ₁₅ = D ₁₆ = D ₁₇ = 1N5400	
C ₃₈ = 100 nF	50 V		Tr ₇ = Tr ₈ = Tr ₉ = Tr ₁₂ = BC 547	
C ₃₉ = 100 nF	50 V		Tr ₅ = BC 327	
C ₄₀ = 100 nF	50 V		Tr ₆ = BF 199	
C ₄₁ = 100 nF	50 V		Tr _x = 2SD2012	
C ₄₂ = 100 nF	50 V		Tr ₁ = Tr ₂ = Tr ₃ = Tr ₄ = MS1051	
C ₄₃ = 470 μ F	25 V		L ₁ = L ₂ = L ₃ = L ₄ = 2,2 μ H	
C ₄₆ = 100 nF	50 V		L ₅ = 10 μ H	
C ₄₇ = 470 nF	100 V	Polyester	L ₆ = L ₇ = VK 200 1 wire	
C ₄₈ = 750 pF	500 V	Mica	L ₈ = L ₉ = L ₁₀ = L ₁₁ = VK 200 2 wire	
C ₄₉ = 750 pF	500 V	Mica	R ₁₁ = Relè 12 V 3022	
C ₅₂ = 180 pF	500 V	N750	R ₁₂ = Relè 12 V 4152	
C ₅₃ = 180 pF	500 V	N750	Fuse = 3 x 12 A	
R ₁ = 100 Ω	¼W		T ₃ = T ₄ = T ₅ = Input transformers	
R ₂ = 12 K Ω	¼W		T ₁ = T ₂ = T ₆ = Output transformers	
R ₃ = 100 Ω	¼W		IC ₁ = LM723C	