



Costruzioni Elettroniche

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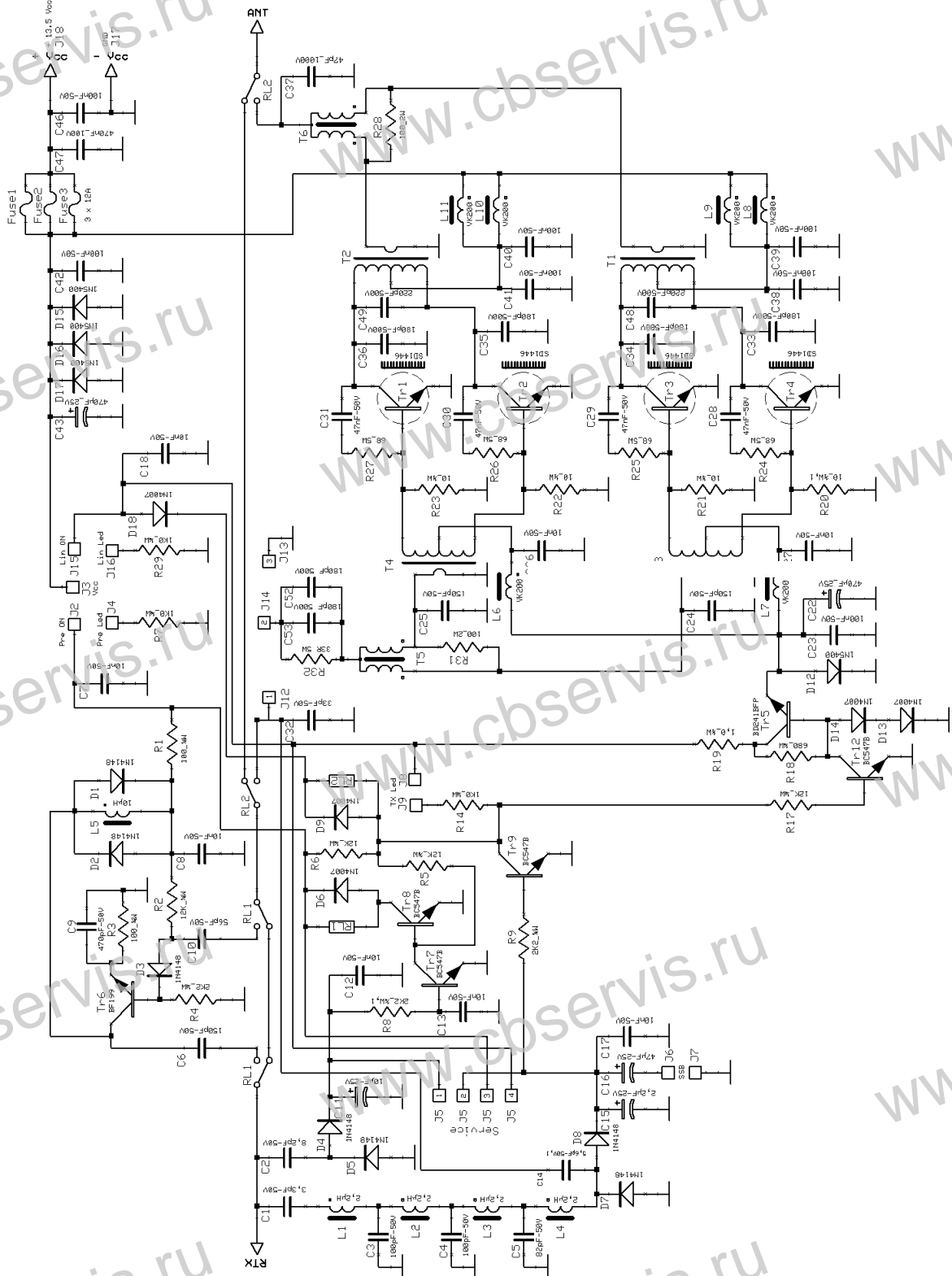
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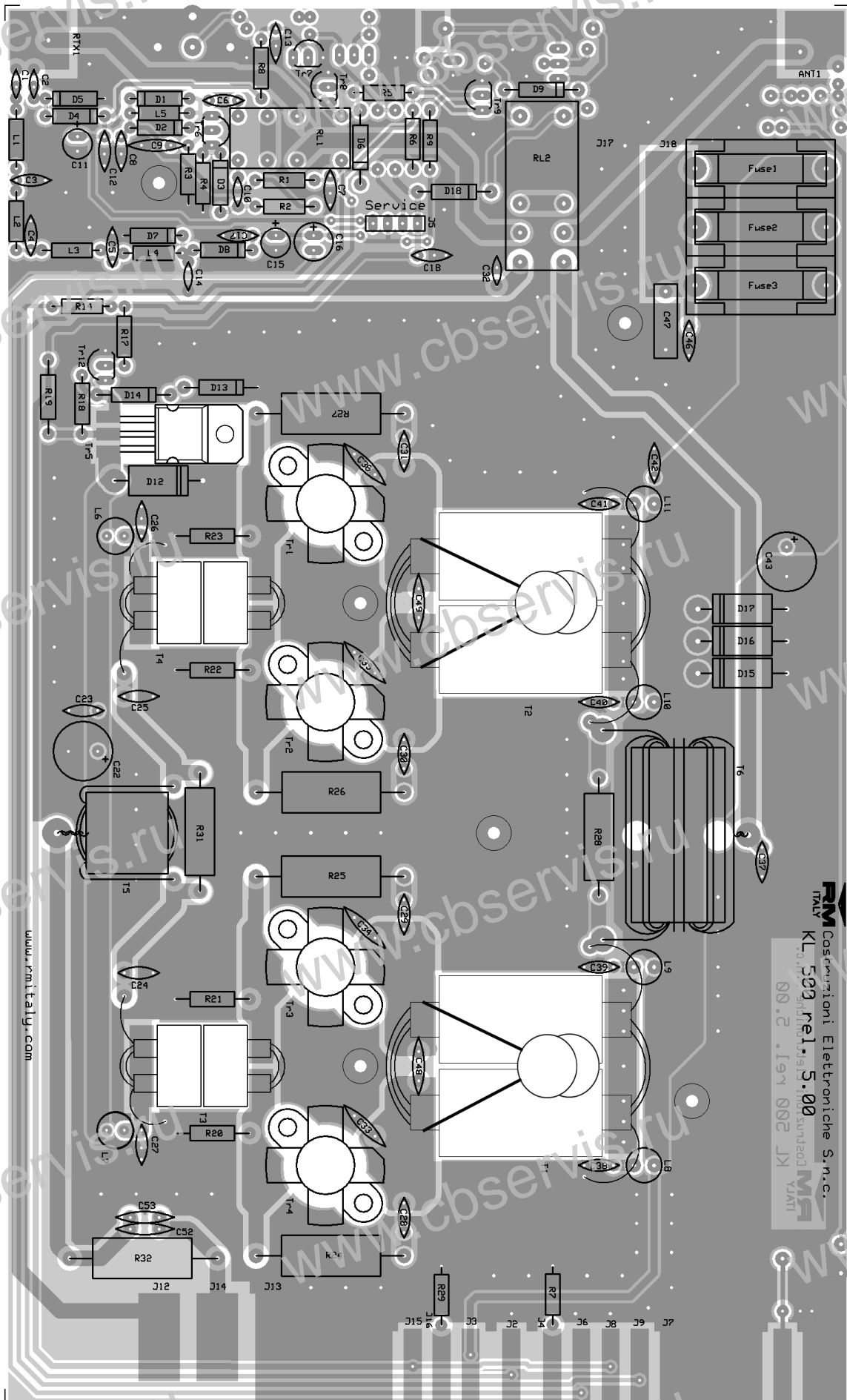
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Mod. KL 500 linear amplifier

Schematic diagram

Version 5.00





List of components

C ₁ = 3,3 pF	50 V	NP0	R ₃ = 100 Ω	¼W
C ₂ = 8,2 pF	50 V	NP0	R ₄ = 2,2 KΩ	¼W
C ₃ = 100 pF	50 V	NP0	R ₅ = 12 KΩ	¼W
C ₄ = 100 pF	50 V	NP0	R ₆ = 12 KΩ	¼W
C ₅ = 82 pF	50 V	NP0	R ₇ = 1,0 KΩ	¼W
C ₆ = 150 pF	50 V	NP0	R ₈ = 2,2 KΩ	¼W
C ₇ = 10 nF	50 V		R ₉ = 2,2 KΩ	¼W
C ₈ = 10 nF	50 V		R ₁₄ = 1,0 KΩ	¼W
C ₉ = 470 pF	50 V	N750	R ₁₇ = 12 KΩ	¼W
C ₁₀ = 56 pF	50 V	NP0	R ₁₈ = 680 Ω	¼W
C ₁₁ = 10 μF	16 V		R ₁₉ = 1,0 Ω	½W
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 μF	16 V		R ₂₃ = 10 Ω	½W
C ₁₆ = 47 μF	16 V		R ₂₄ = 68 Ω	2W
C ₁₇ = 10 nF	50 V		R ₂₅ = 68 Ω	2W
C ₁₈ = 10 nF	50 V		R ₂₆ = 68 Ω	2W
C ₂₂ = 470 μF	25 V		R ₂₇ = 68 Ω	2W
C ₂₃ = 100 nF	50 V		R ₂₈ = 100 Ω	2W
C ₂₄ = 150 pF	50 V	NP0	R ₂₉ = 1,0 KΩ	¼W
C ₂₅ = 150 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		D ₁ = D ₂ = D ₃ = D ₄ = D ₅ = D ₇ = D ₈ = 1N4148	
C ₂₈ = 47 nF	50 V		D ₆ = D ₉ = D ₁₃ = D ₁₄ = D ₁₈ = 1N4007	
C ₂₉ = 47 nF	50 V		D ₁₂ = D ₁₅ = D ₁₆ = D ₁₇ = 1N5400	
C ₃₀ = 47 nF	50 V		Tr ₇ = Tr ₈ = Tr ₉ = Tr ₁₂ = BC 547	
C ₃₁ = 47 nF	50 V		Tr ₆ = BF 199	
C ₃₂ = 47 pF	50 V	NP0	Tr ₅ = BD 241 BFP	
C ₃₃ = 180 pF	500 V	N750	Tr ₁ = Tr ₂ = Tr ₃ = Tr ₄ = SD 1406	
C ₃₄ = 180 pF	500 V	N750	L ₁ = L ₂ = L ₃ = L ₄ = 2,2 μH	
C ₃₅ = 180 pF	500 V	N750	L ₅ = 10 μH	
C ₃₆ = 180 pF	500 V	N750	L ₆ = L ₇ = VK 200 1 wire	
C ₃₇ = 68 pF	500 V	NP0	L ₈ = L ₉ = L ₁₀ = L ₁₁ = VK 200 2 wires	
C ₃₈ = 100 nF	50 V		Rl ₁ = Relè 12 V 3022	
C ₃₉ = 100 nF	50 V		Rl ₂ = Relè 12 V 4152	
C ₄₀ = 100 nF	50 V		Fuse = 3 x 12 A	
C ₄₁ = 100 nF	50 V		T ₃ = T ₄ = T ₅ = Input transformers	
C ₄₂ = 100 nF	50 V		T ₁ = T ₂ = T ₆ = Output transformers	
C ₄₃ = 470 μF	25 V			
C ₄₆ = 100 nF	50 V			
C ₄₇ = 470 nF	100 V	Polyester		
C ₄₈ = 220 + 270 pF	500 V	N750		
C ₄₉ = 220 + 270 pF	500 V	N750		
C ₅₂ = 180 pF	500 V	N750		
C ₅₃ = 180 pF	500 V	N750		
R ₁ = 100 Ω	¼W			
R ₂ = 12 KΩ	¼W			

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