



RM

Costruzioni Elettroniche

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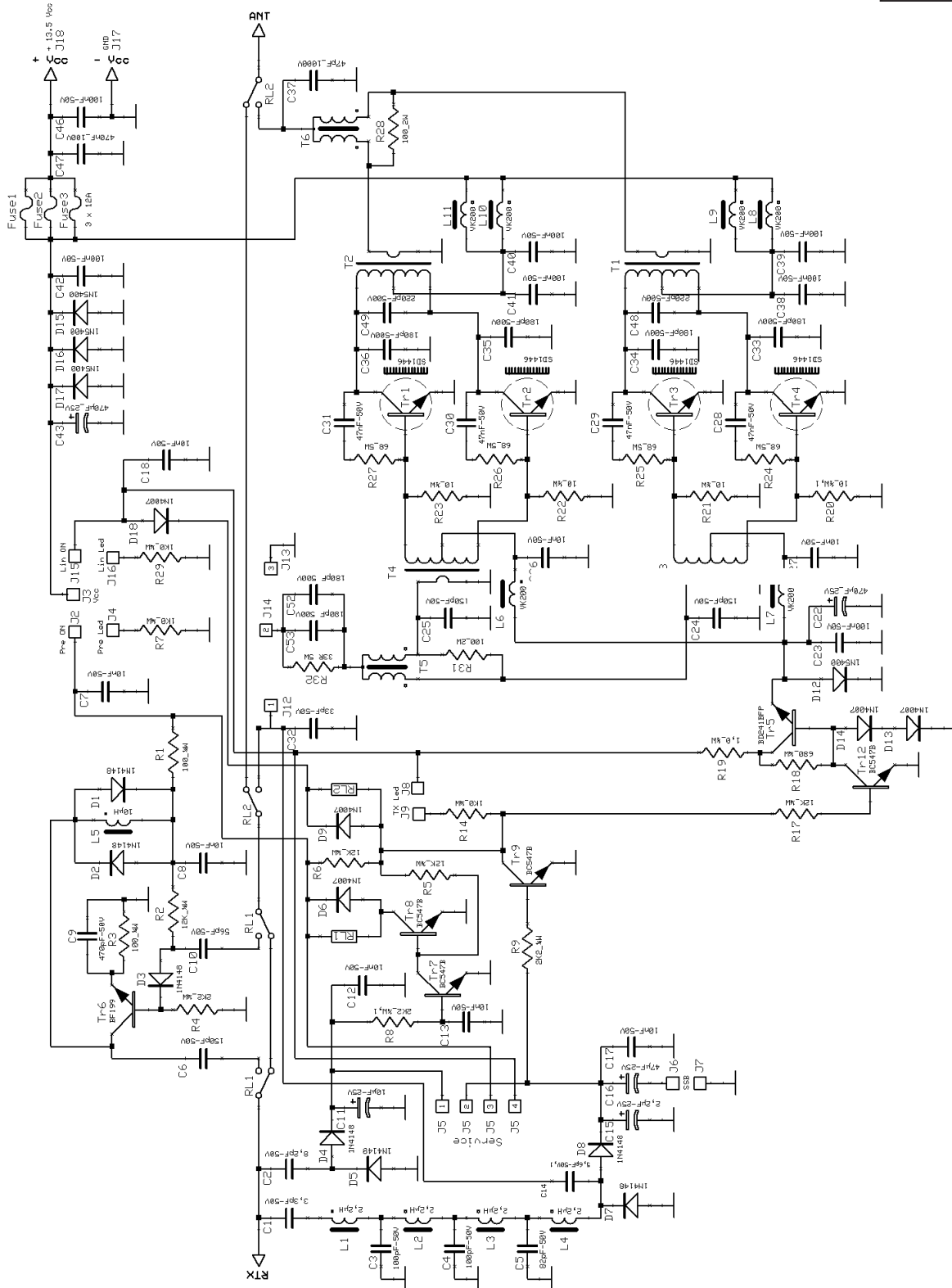
E-MAIL ufftec@rmitaly.com

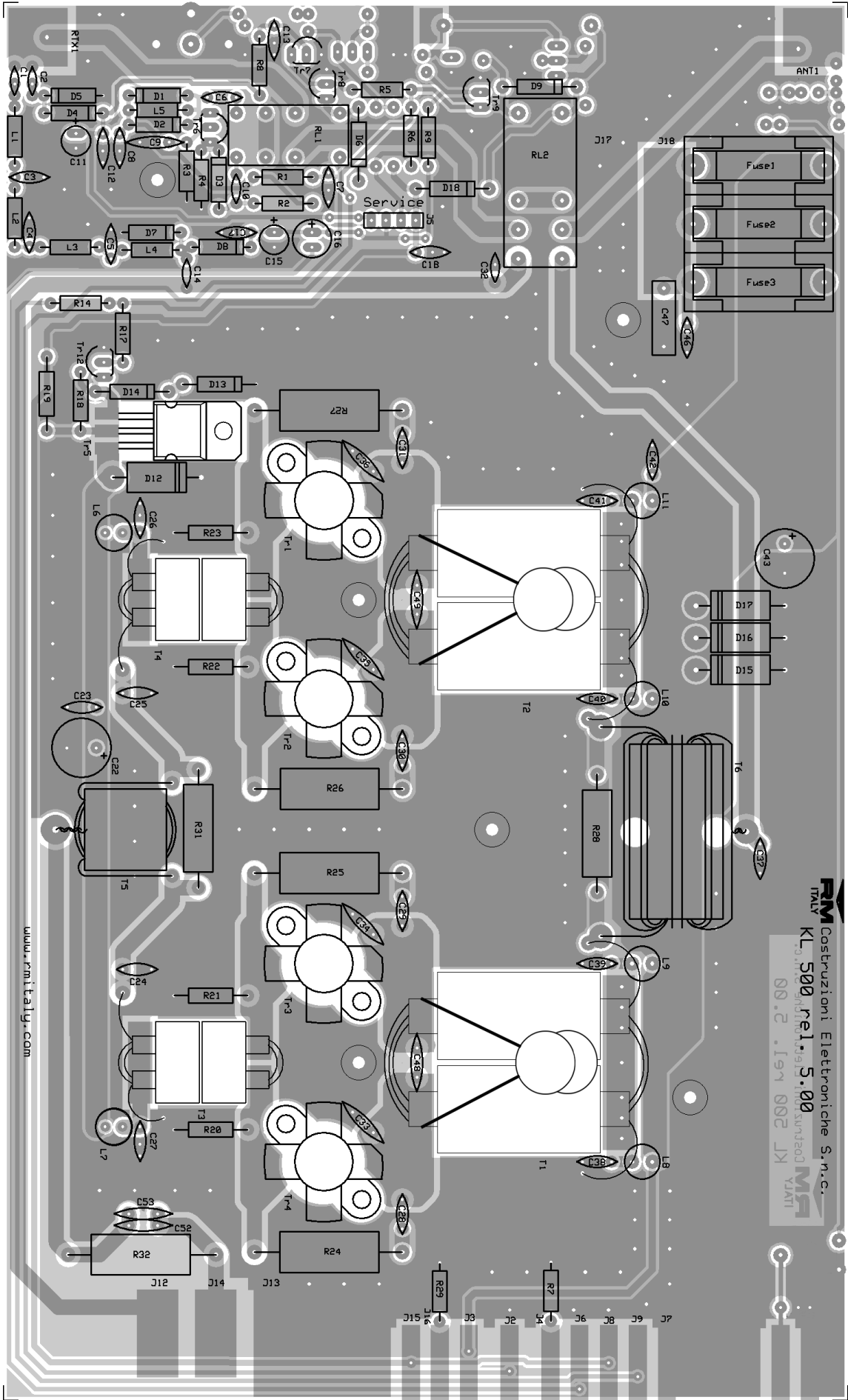
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Mod. KL 500 linear amplifier

Schematic diagram

Version 5.00





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RM ITALY
 Costruzioni Elettroniche S.n.c.
KL 500 rel. 5.00
 00.2.191.002 JK
 YATTA

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				

