



RM

Costruzioni Elettroniche

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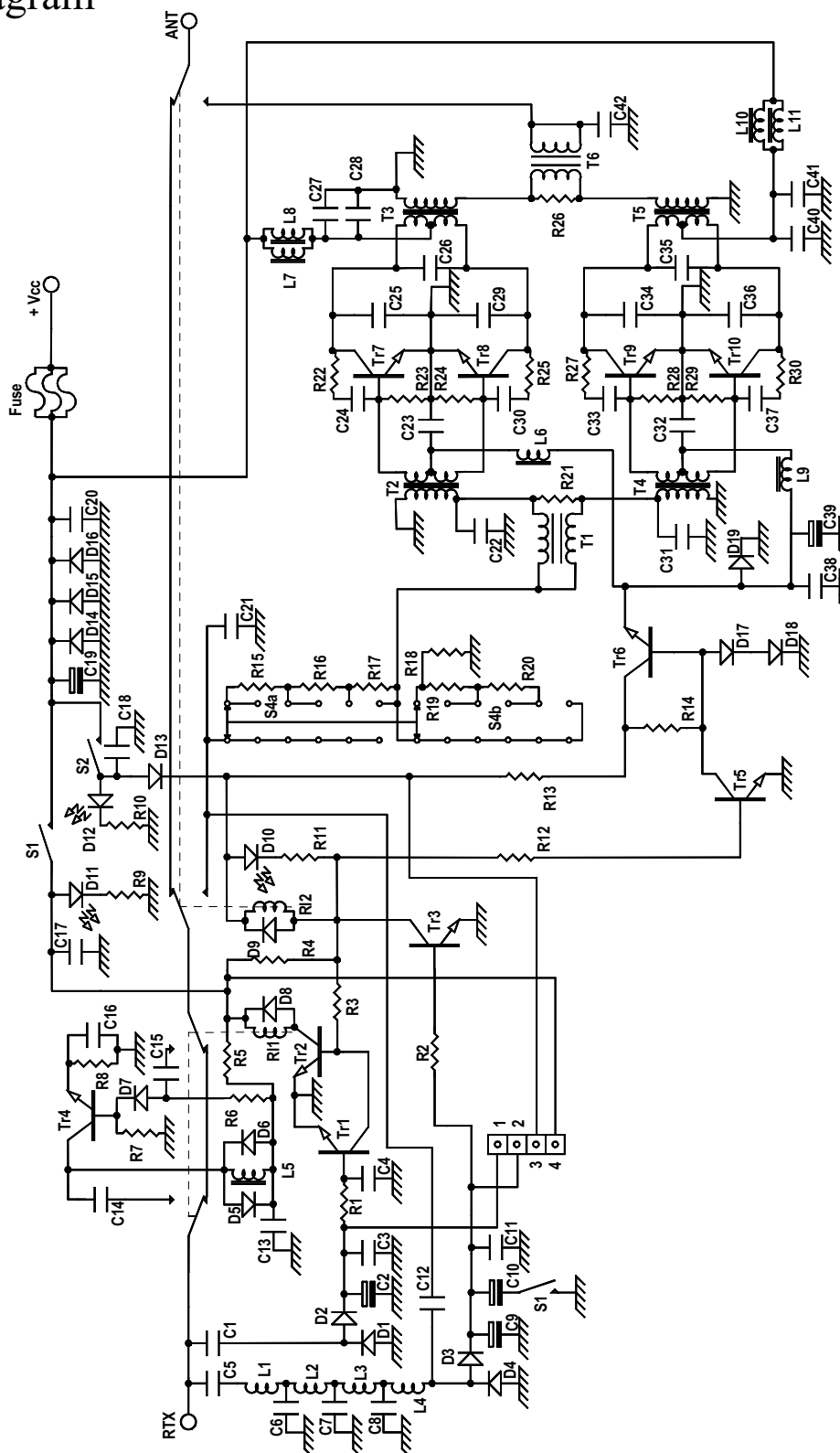
E-MAIL ufftec@rmitaly.com

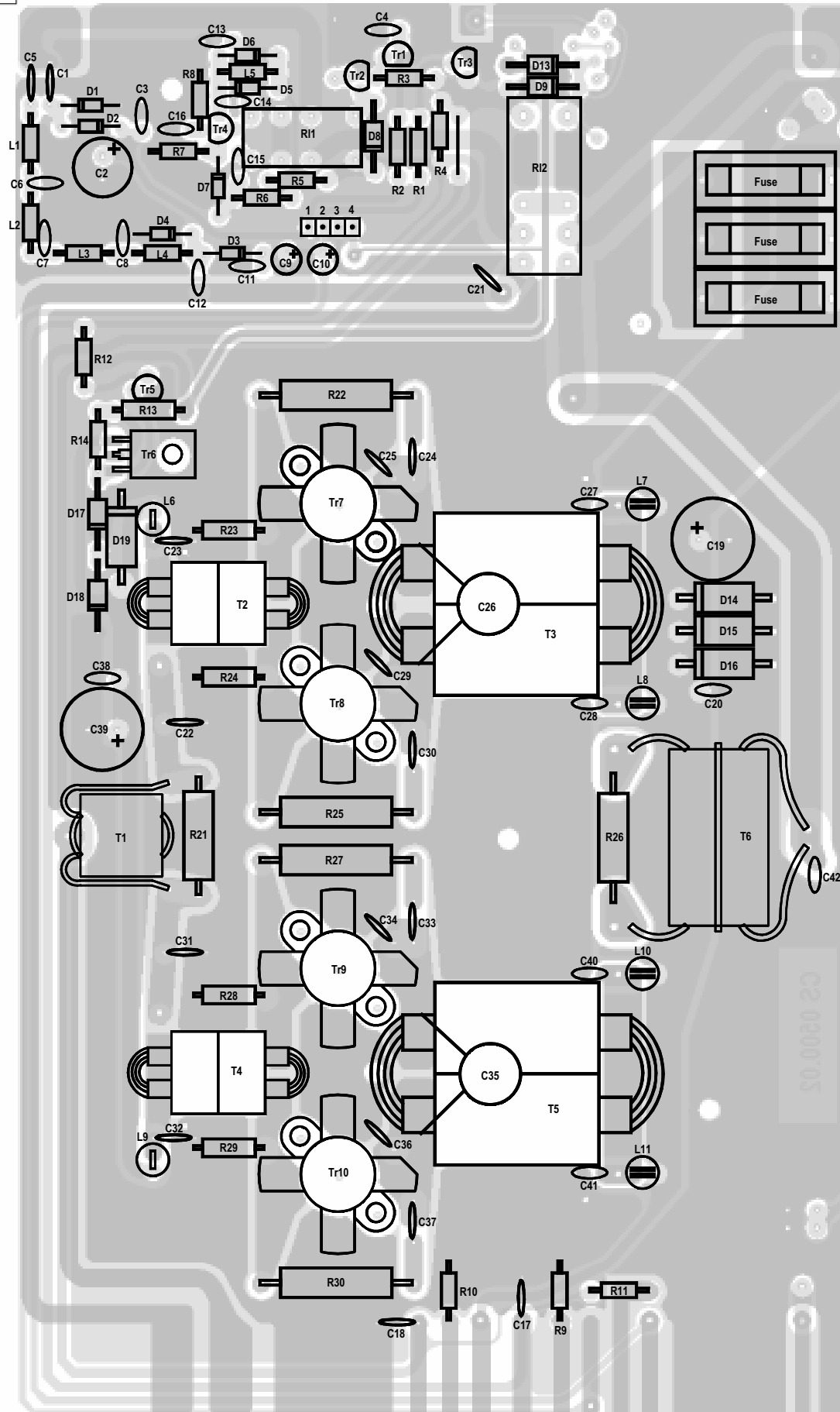
<http://www.rmitaly.com>

Mod. KL 500 linear amplifier

Schematic diagram

Version 3.00





List of components

C ₁	= 3,3 pF	50 V	N750
C ₂	= 10 µF	16 V	
C ₃	= 10 nF	50 V	
C ₄	= 10 nF	50 V	
C ₅	= 3,3 pF	50 V	N750
C ₆	= 100 pF	50 V	N750
C ₇	= 100 pF	50 V	N750
C ₈	= 82 pF	50 V	N750
C ₉	= 2,2 µF	16 V	
C ₁₀	= 47 µF	16 V	
C ₁₁	= 10 nF	50 V	
C ₁₂	= 5,6 pF	50 V	N750
C ₁₃	= 10 nF	50 V	
C ₁₄	= 150 pF	50 V	N750
C ₁₅	= 56 pF	50 V	N750
C ₁₆	= 470 pF	50 V	N750
C ₁₇	= 10 nF	50 V	
C ₁₈	= 10 nF	50 V	
C ₁₉	= 470 µF	16 V	
C ₂₀	= 100 nF	50 V	
C ₂₁	= 33 pF	50 V	N750
C ₂₂	= 150 pF	50 V	N750
C ₂₃	= 10 nF	50 V	
C ₂₄	= 47 nF	50 V	
C ₂₅	= 180 pF	500 V	N750
C ₂₆	= 150 + 270 pF	500 V	N750
C ₂₇	= 100 nF	50 V	
C ₂₈	= 100 nF	50 V	
C ₂₉	= 180 pF	500 V	N750
C ₃₀	= 47 nF	50 V	
C ₃₁	= 150 pF	50 V	N750
C ₃₂	= 10 nF	50 V	
C ₃₃	= 47 nF	50 V	
C ₃₄	= 180 pF	500 V	N750
C ₃₅	= 150 + 270 pF	500 V	N750
C ₃₆	= 180 pF	500 V	N750
C ₃₇	= 47 nF	50 V	
C ₃₈	= 10 nF	50 V	
C ₃₉	= 470 µF	16 V	
C ₄₀	= 100 nF	50 V	
C ₄₁	= 100 nF	50 V	
C ₄₂	= 68 pF	500 V	N750
R ₁	= 2,2 KΩ	¼W	
R ₂	= 2,2 KΩ	¼W	
R ₃	= 12 KΩ	¼W	
R ₄	= 12 KΩ	¼W	
R ₅	= 100 Ω	¼W	
R ₆	= 12 KΩ	¼W	

R ₇	= 2,2 KΩ	¼W
R ₈	= 100 Ω	¼W
R ₉	= 1,0 KΩ	¼W
R ₁₀	= 1,0 KΩ	¼W
R ₁₁	= 1,0 KΩ	¼W
R ₁₂	= 12 KΩ	¼W
R ₁₃	= 1,0 Ω	½W
R ₁₄	= 680 Ω	¼W
R ₁₅	= 10 Ω	2W
R ₁₆	= 10 Ω	2W
R ₁₇	= 10 Ω	2W
R ₁₈	= 27 Ω	2W
R ₁₉	= 47 Ω	2W
R ₂₀	= 100 Ω	2W
R ₂₁	= 100 Ω	2W
R ₂₂	= 68 Ω	2W
R ₂₃	= 10 Ω	½W
R ₂₄	= 10 Ω	½W
R ₂₅	= 68 Ω	2W
R ₂₆	= 100 Ω	2W
R ₂₇	= 68 Ω	2W
R ₂₈	= 10 Ω	½W
R ₂₉	= 10 Ω	½W
R ₃₀	= 68 Ω	2W
D ₁ = D ₂ = D ₃ = D ₄ = D ₅ = D ₆ = D ₇ = 1N4148		
D ₈ = D ₉ = D ₁₃ = D ₁₇ = D ₁₈ = 1N4004		
D ₁₄ = D ₁₅ = D ₁₆ = D ₁₉ = 1N5400		
D ₁₀ = Led red		
D ₁₁ = Led yellow		
D ₁₂ = Led green		
Tr ₁ = Tr ₂ = Tr ₅ = BC 547		
Tr ₃ = BC 337		
Tr ₄ = BF 199		
Tr ₆ = BD 179		
Tr ₇ = Tr ₈ = Tr ₉ = Tr ₁₀ = MRF 455		
L ₁ = L ₂ = L ₃ = L ₄ = 2,2 µH		
L ₅ = 10 µH		
L ₆ = L ₉ = VK 200 1 wire		
L ₇ = L ₈ = L ₁₀ = L ₁₁ = VK 200 2 wires		
Rl ₁ = Relè 12 V 3022		
Rl ₂ = Relè 12 V 4052		
Fuse = 3x12 A		
S ₁ = Switch 3A (Pre ON - OFF)		
S ₂ = Switch 3A (ON - OFF)		
S ₃ = Switch 3A (AM - SSB)		
S ₄ = Switch 6 positions		
T ₁ = T ₂ = T ₄ = Input transformers		
T ₃ = T ₅ = T ₆ = Output transformers		