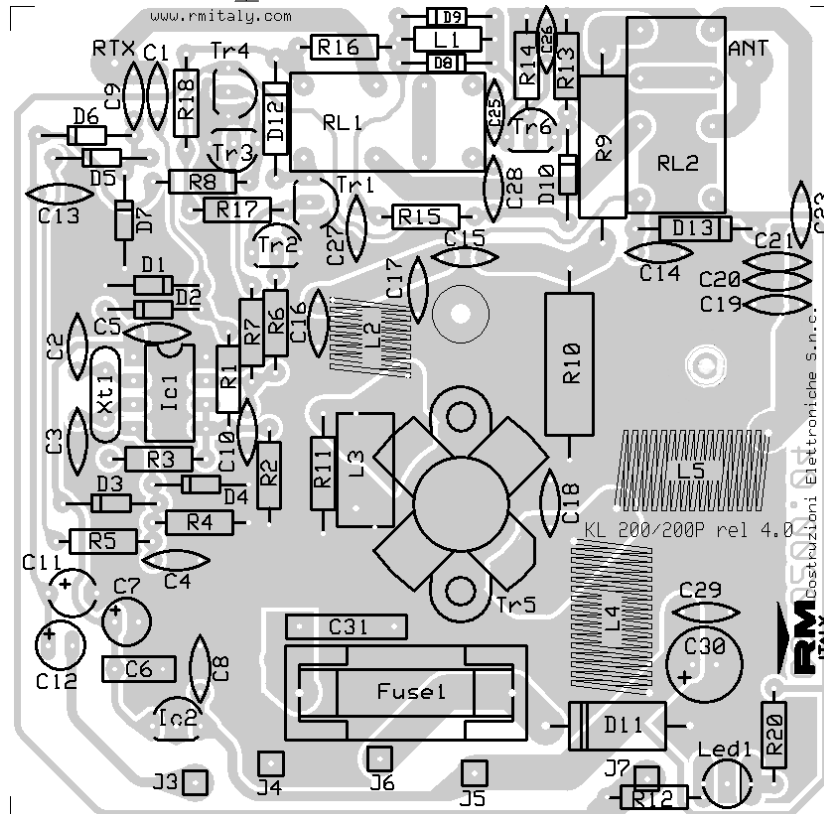
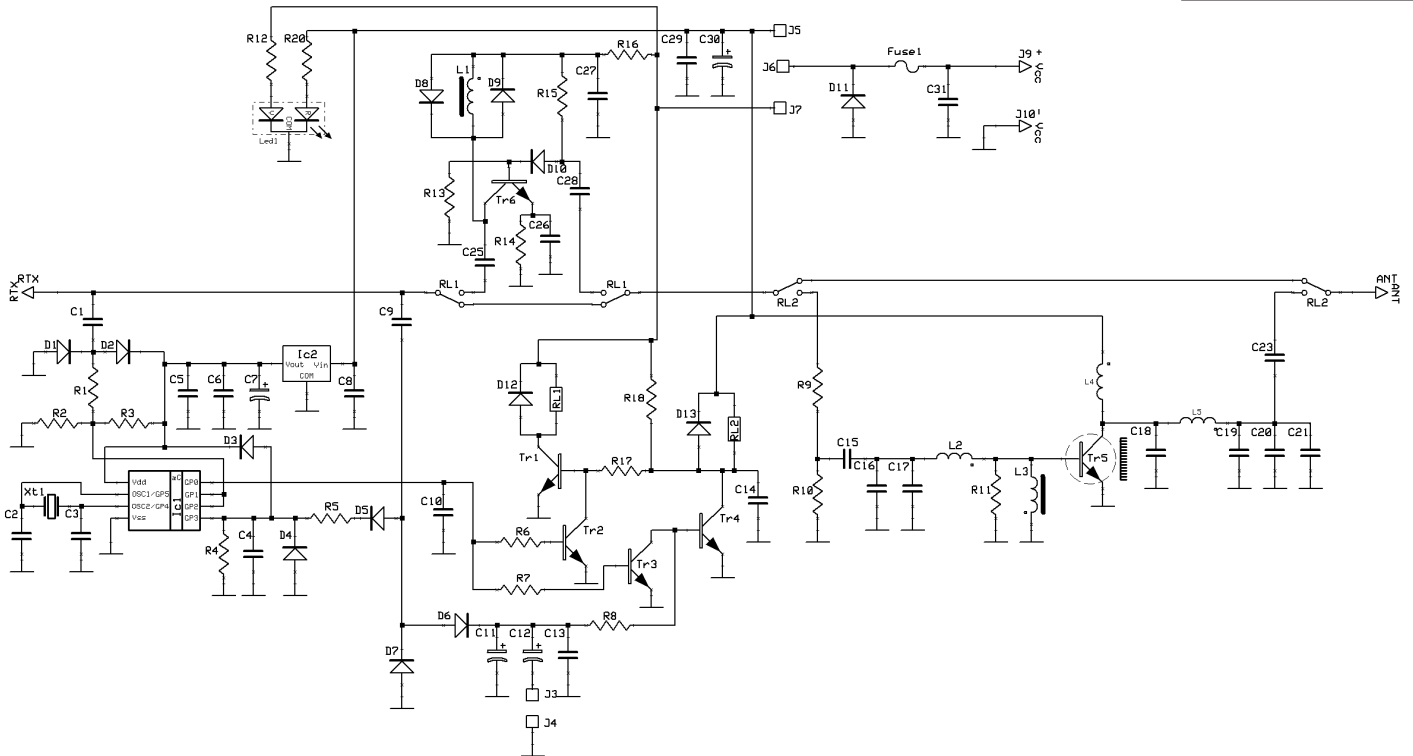


KL 200 P USA linear amplifier

Schematic diagram

Version 4.10



List of components

C ₁ = 3,3 pF	50 V	NP0	D ₁ = 1N4148
C ₂ = 27 pF	50 V	NP0	D ₂ = 1N4148
C ₃ = 27 pF	50 V	NP0	D ₃ = 1N4148
C ₄ = 10 nF	50 V		D ₄ = 1N4148
C ₅ = 10 nF	50 V		D ₅ = 1N4148
C ₆ = 100 nF	63 V	Polyester	D ₆ = 1N4148
C ₇ = 22 μF	16 V		D ₇ = 1N4148
C ₈ = 10 nF	50 V		D ₈ = 1N4148
C ₉ = 8,2 pF	50 V	NP0	D ₉ = 1N4148
C ₁₀ = 10 nF	50 V		D ₁₀ = 1N4148
C ₁₁ = 4,7 μF	16 V		D ₁₁ = 1N5400
C ₁₂ = 33 μF	16 V		D ₁₂ = 1N4007
C ₁₃ = 10 nF	50 V		D ₁₃ = 1N4007
C ₁₄ = 10 nF	50 V		Led ₁ = Led bicolore
C ₁₅ = 100 pF	50 V	NP0	TR ₁ = BC 547
C ₁₆ = 220 pF	50 V	N750	TR ₂ = BC 547
C ₁₇ = 270 pF	50 V	N750	TR ₃ = BC 547
C ₁₈ = 120 pF	500 V	NP0	TR ₄ = BC 547
C ₁₉ = 220 pF	500 V	N750	TR ₅ = SD 1446
C ₂₀ = 270 pF	500 V	N750	TR ₆ = BF 199
C ₂₁ = 120 pF	500 V	NP0	L ₁ = 10 μH
C ₂₃ = 1,0 nF	500 V		L ₂ = 3 turns φ 8 mm wire φ 0,8 mm ANRA 289
C ₂₅ = 150 pF	50 V	NP0	L ₃ = VK200
C ₂₆ = 470 pF	50 V	N750	L ₄ = 12 turns φ 6 mm wire φ 1 mm ANRA 455
C ₂₇ = 10 nF	50 V		L ₅ = 3 turns φ 7,5 mm wire φ 1,2 mm ANRA 289/3
C ₂₈ = 56 pF	50 V	NP0	RI ₁ = Relè 12 V 3022
C ₂₉ = 100 nF	50 V		RI ₂ = Relè 12 V 3022
C ₃₀ = 47 μF	16 V		Ic ₁ = PIC RM1
C ₃₁ = 470 nF	100 V	Polyester	Ic ₂ = LM 78L05
R ₁ = 100 Ω	¼W		Xt ₁ = 4,00 MHz
R ₂ = 10 KΩ	¼W		Fuse = 12 A
R ₃ = 10 KΩ	¼W		
R ₄ = 1,0 MΩ	¼W		
R ₅ = 56 KΩ	¼W		
R ₆ = 1,0 KΩ	¼W		
R ₇ = 1,0 KΩ	¼W		
R ₈ = 2,2 KΩ	¼W		
R ₉ = 22 Ω	2W		
R ₁₀ = 120 Ω	2W		
R ₁₁ = 10 Ω	½W		
R ₁₂ = 1,0 KΩ	¼W		
R ₁₃ = 2,2 KΩ	¼W		
R ₁₄ = 100 Ω	¼W		
R ₁₅ = 12 KΩ	¼W		
R ₁₆ = 100 Ω	¼W		
R ₁₇ = 12 KΩ	¼W		
R ₁₈ = 10 KΩ	¼W		
R ₂₀ = 1,0 KΩ	¼W		