RM Costruzioni Elettroniche
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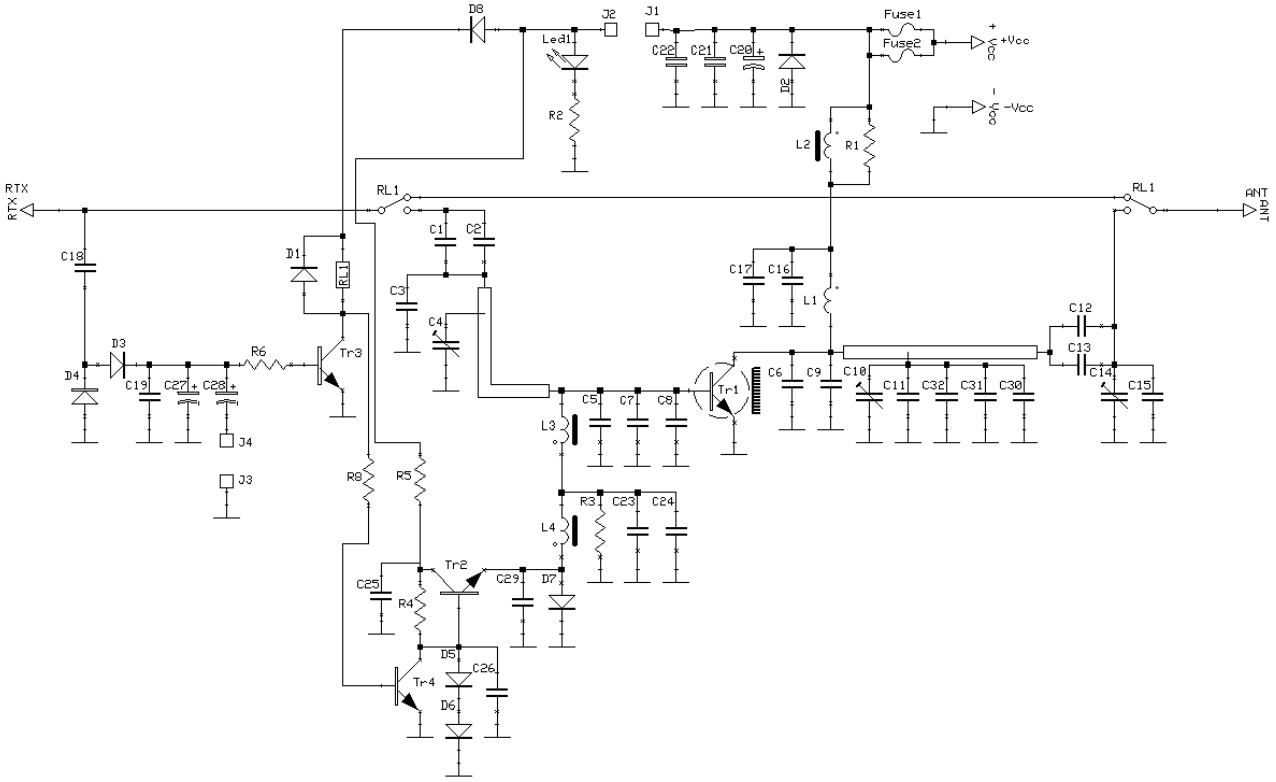
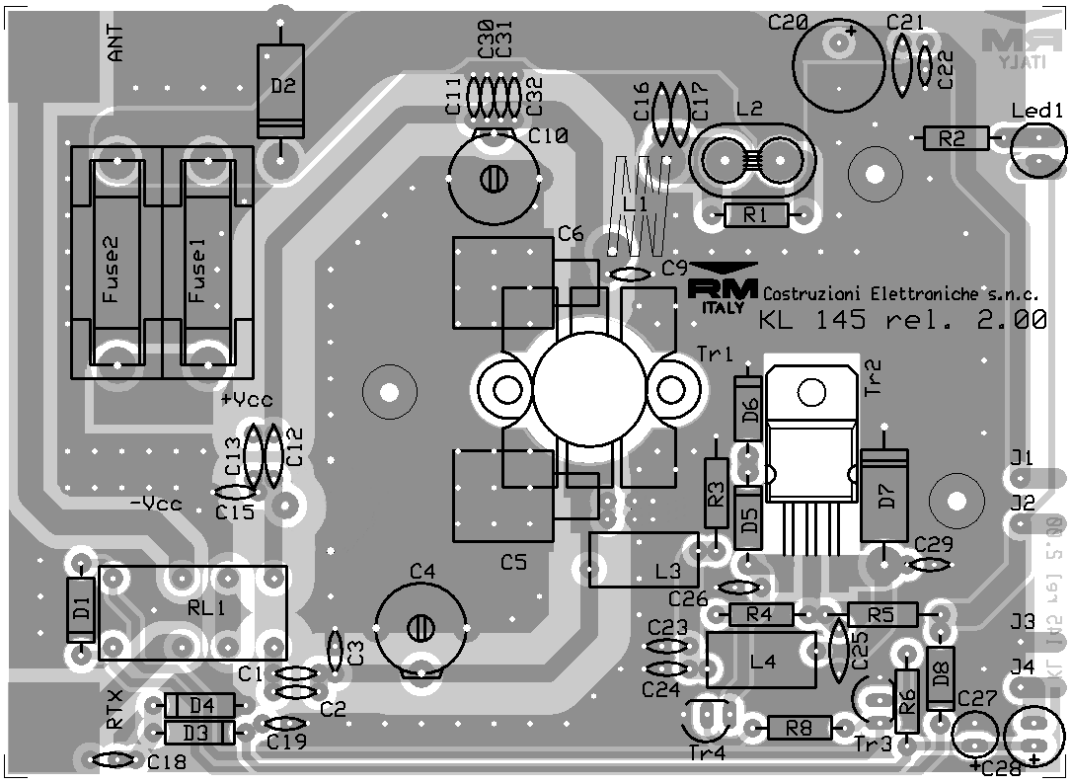
Mod. 145 High linear amplifier

Schematic diagram

Version 2.01





List of components

C 1 = 100 pF 50 V NP0
C 2 = 100 pF 50 V NP0
C 3 = Not present
C 4 = Trimmer 5.5 - 65 pF Philips giallo
C 5 = 220 pF 500 V Mica placchetta
C 6 = 390 pF 500 V Mica placchetta
C 7 = Not present
C 8 = Not present
C 9 = 33 pF 500 V NP0
C 10 = Trimmer 5.5 - 65 pF Philips giallo
C 11 = 15 pF 500 V NP0
C 12 = 2,2 nF 500 V J
C 13 = 2,2 nF 500 V J
C 14 = Not present
C 15 = 15 pF 500 V NP0
C 16 = 2,2 nF 500 V J
C 17 = 1,0 nF 500 V J
C 18 = 2,2 pF 50 V NP0
C 19 = 1,0 nF 50 V J
C 20 = 470 µF 25 V
C 21 = 100 nF 50 V J
C 22 = 1,0 nF 50 V J
C 23 = 1,0 nF 50 V J
C 24 = 220 nF 63 V Multilayer
C 25 = 1,0 nF 50 V J
C 26 = 1,0 nF 50 V J
C 27 = 2,2 µF 16 V
C 28 = 33 µF 16 V
C 29 = 1,0 nF 50 V J
C 30 = 15 pF 500 V NP0
C 31 = 15 pF 500 V NP0
C 32 = Not present
R 1 = 10 Ω ¼W
R 2 = 1,0 KΩ ¼W
R 3 = 4,7 Ω ½W
R 4 = 1,2 KΩ ¼W
R 5 = 1,0 Ω ½W
R 6 = 2,2 KΩ ¼W
R 8 = 10 KΩ ½W
D 1 = 1N4007
D 2 = 1N5400
D 3 = D 4 = 1N4148
D 5 = D 6 = 1N4007
D 7 = 1N5400
D 8 = 1N4007
Led1 = Red Led
Tr 1 = SD1477
Tr 2 = BD 241 BFP
Tr 3 = BC 547
Tr 4 = BC 547
L 1 = 3 turns ϕ 8 mm wire ϕ 1.5 mm
L 2 = 2 turns 3 wire ø0.63 on ANRA 41 balum
L 3 = VK200
L 4 = VK200
Rl = Relè 12 V 3022
Fuse1 = Fuse2 =2 x 8A