



RM

Costruzioni Elettroniche

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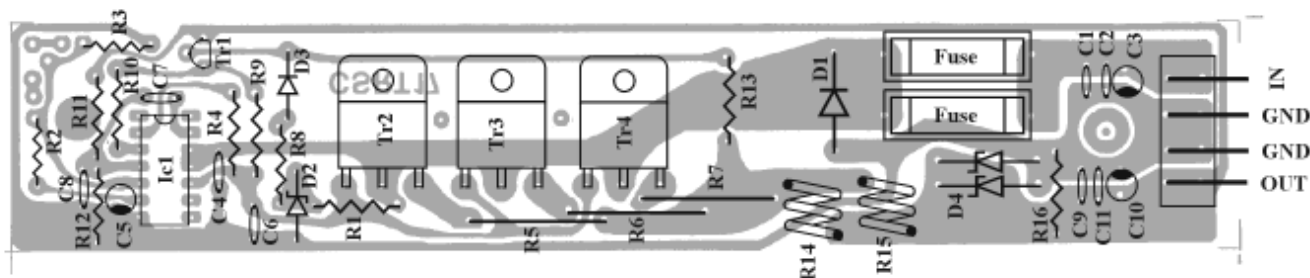
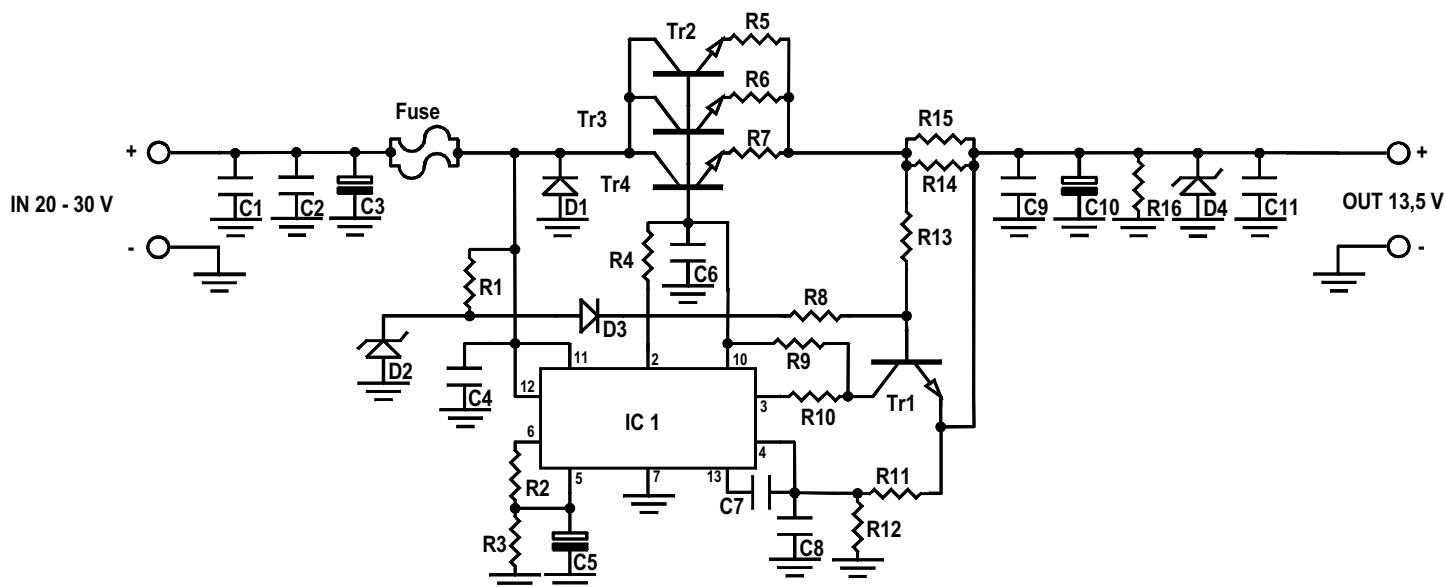
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Mod. RT 16 tension reducer

Schematic diagram

Version 2.00



List of components

$C_1 = 470 \text{ pF}$ 50 V
 $C_2 = 10 \text{ nF}$ 50 V
 $C_3 = 22 \text{ }\mu\text{F}$ 35 V
 $C_4 = 100 \text{ nF}$ 50 V
 $C_5 = 2,2 \text{ }\mu\text{F}$ 16 V
 $C_6 = 100 \text{ nF}$ 50 V
 $C_7 = 470 \text{ pF}$ 50 V
 $C_8 = 150 \text{ pF}$ 50 V
 $C_9 = 10 \text{ nF}$ 50 V
 $C_{10} = 22 \text{ }\mu\text{F}$ 16 V
 $C_{11} = 470 \text{ F}$ 50 V
 $R_1 = 2,2 \text{ K}\Omega$ $\frac{1}{4}\text{W}$
 $R_2 = 1,2 \text{ K}\Omega$ $\frac{1}{4}\text{W}$
 $R_3 = 3,9 \text{ K}\Omega$ $\frac{1}{4}\text{W}$
 $R_4 = 330 \text{ }\Omega$ $\frac{1}{4}\text{W}$
 $R_5 = 20 \text{ mm resistive wire}$
 $R_6 = 20 \text{ mm resistive wire}$
 $R_7 = 20 \text{ mm resistive wire}$
 $R_8 = 3,3 \text{ K}\Omega$ $\frac{1}{4}\text{W}$
 $R_9 = 330 \text{ }\Omega$ $\frac{1}{4}\text{W}$
 $R_{10} = 330 \text{ }\Omega$ $\frac{1}{4}\text{W}$
 $R_{11} = 82 \text{ K}\Omega$ $\frac{1}{4}\text{W}$
 $R_{12} = 56 \text{ K}\Omega$ $\frac{1}{4}\text{W}$
 $R_{13} = 470 \text{ }\Omega$ $\frac{1}{4}\text{W}$
 $R_{14} = 5 \text{ turns } \phi 6 \text{ mm resistive wire}$
 $R_{15} = 5 \text{ turns } \phi 6 \text{ mm resistive wire}$
 $R_{16} = 2,2 \text{ K}\Omega$ $\frac{1}{4}\text{W}$
 $D_1 = 1\text{N}5400$
 $D_2 = \text{Zener } 7,5 \text{ V } \frac{1}{2}\text{W}$
 $D_3 = 1\text{N}4148$
 $D_4 = 2 \times \text{Zener } 15 \text{ V } 5 \text{ W}$
 $\text{Tr}_1 = \text{BC } 547$
 $\text{Tr}_2 = \text{Tr}_3 = \text{Tr}_4 = \text{TIP } 142$
 $\text{IC}_1 = \text{LM } 723$
 $\text{Fuse} = 2 \times 8 \text{ A}$