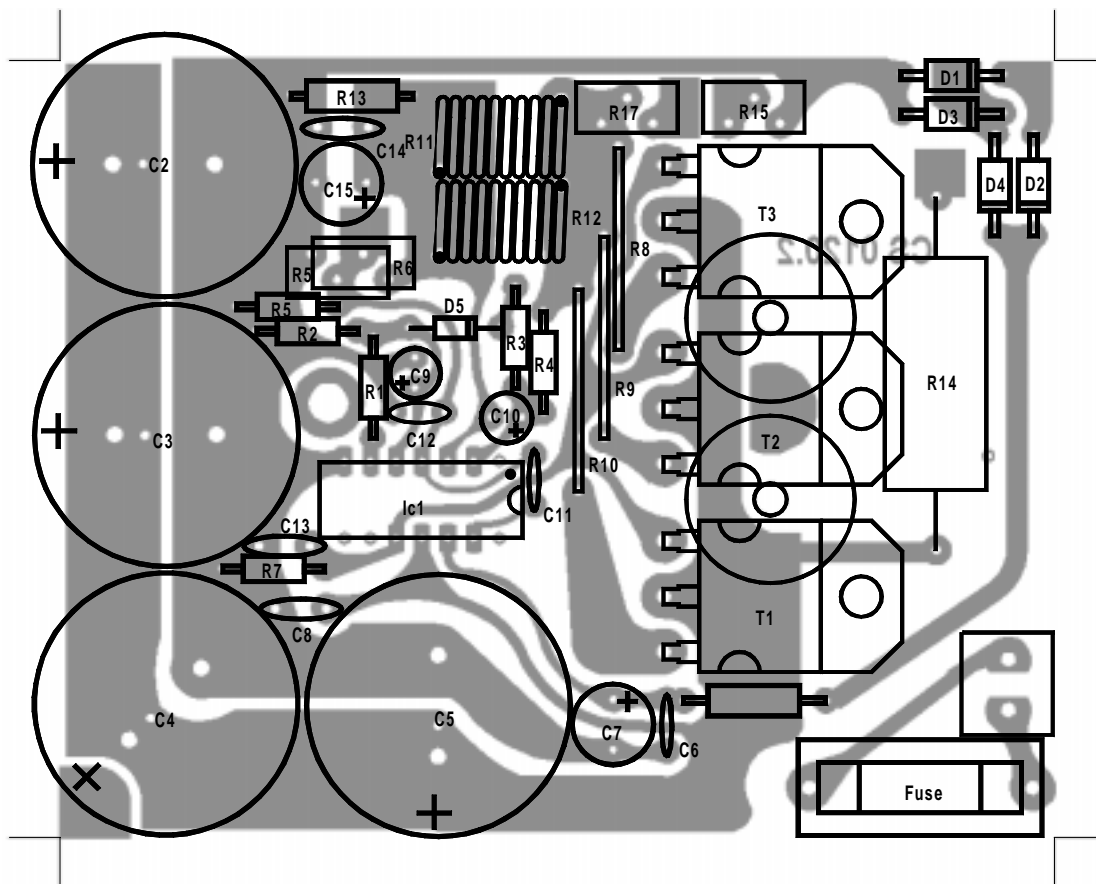
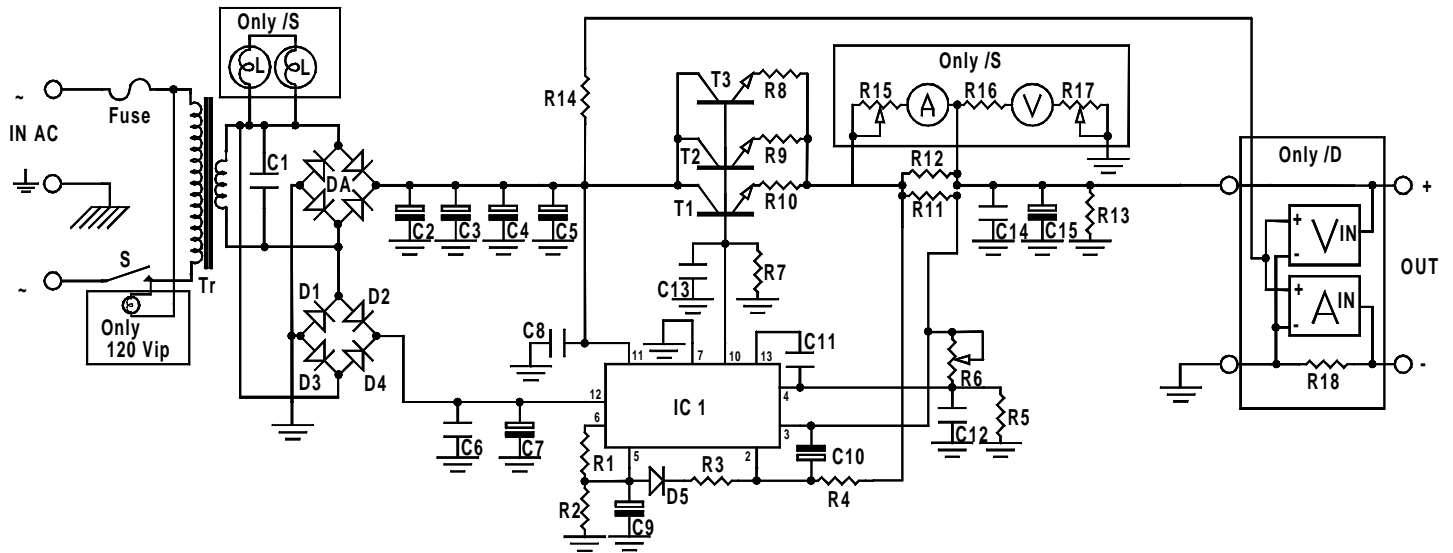
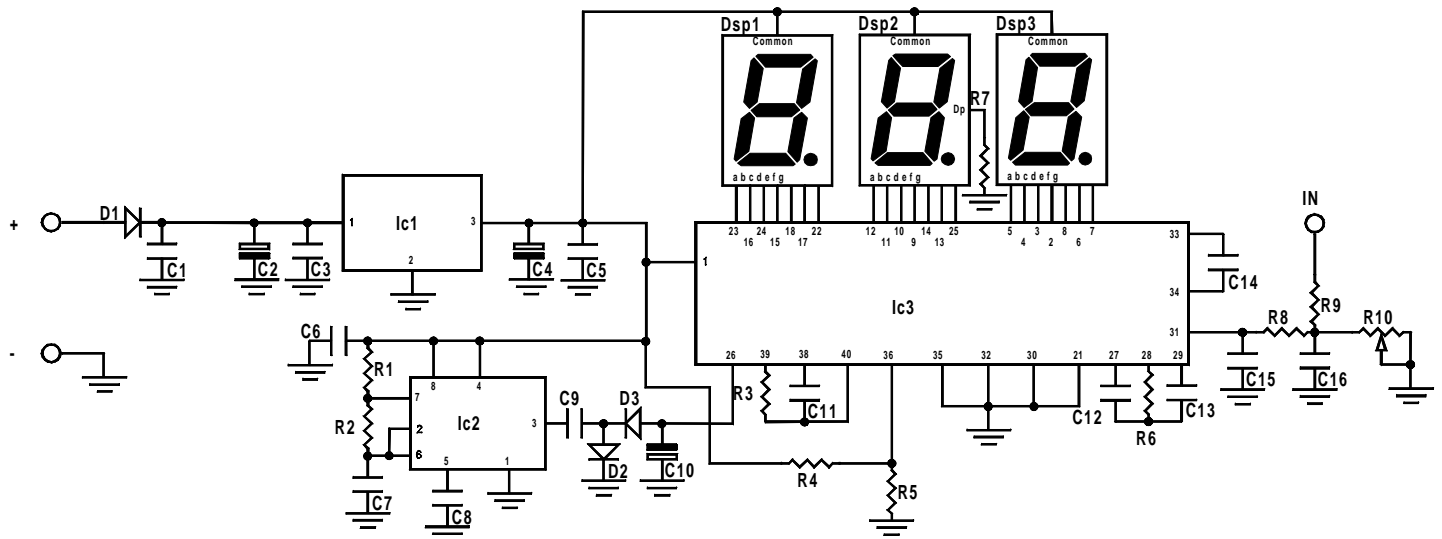


Mod. 120 D power supply

Schematic diagram

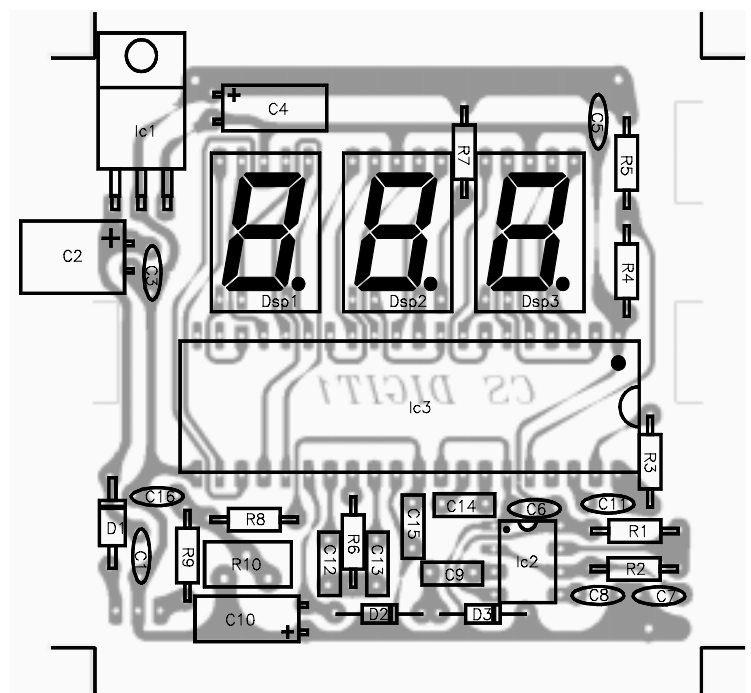
Version 3.00





List of components

- C 1 = 220 nF 63 V~
- C 2 = 4700 µF 25 V
- C 3 = 4700 µF 25 V
- C 4 = 4700 µF 25 V
- C 5 = 4700 µF 25 V
- C 6 = 100 nF 50 V
- C 7 = 47 µF 25 V
- C 8 = 100 nF 50 V
- C 9 = 2,2 µF 25 V
- C 10 = 2,2 µF 25 V
- C 11 = 470 pF 50 V
- C 12 = 150 pF 50 V
- C 13 = 100 nF 50 V
- C 14 = 100 nF 50 V
- C 15 = 22 µF 25 V
- R 1 = 2,2 KΩ ¼ W
- R 2 = 4,7 KΩ ¼ W
- R 3 = 470 Ω ¼ W
- R 4 = 470 Ω ¼ W
- R 5 = Trimmer 4,7 KΩ
- R 6 = Potentiometer 4,7 KΩ
- R 7 = 2,2 KΩ ¼ W
- R 8 = Resistive wire φ 0,8 mm x 20 mm
- R 9 = Resistive wire φ 0,8 mm x 20 mm
- R 10 = Resistive wire φ 0,8 mm x 20 mm
- R 11 = Resistive wire coil φ 1 mm 6 turn φ 6 mm
- R 12 = Resistive wire coil φ 1 mm 6 turn φ 6 mm
- R 13 = 2,2 KΩ ¼ W
- R 14 = 27 Ω 5 W
- R 15 = Not present
- R 16 = Not present



- R 17 = Not present
- R 18 = Resistive wire
- DA = Diode bridge 20 A
- D 1 = 1N 4004
- D 2 = 1N 4004
- D 3 = 1N 4004
- D 4 = 1N 4004
- D 5 = 1N4148
- T 1 = TIP 142
- T 2 = TIP 142
- T 3 = TIP 142
- TR = Transformer 220 - 18 V 12 A
- FUSE = Fuse 2A
- IC 1 = LM 723
- L = Not present
- S = Switch (ON - OFF)

Digital instruments componets

C ₁	= 10 nF	50 V
C ₂	= 47 μF	25 V
C ₃	= 10 nF	50 V
C ₄	= 22 μF	16 V
C ₅	= 10 nF	50 V
C ₆	= 10 nF	50 V
C ₇	= 100 pF	50 V Multi-layer
C ₈	= 10 nF	50 V
C ₉	= 220 nF	63 V Polyester
C ₁₀	= 22 μF	16 V
C ₁₁	= 100 pF	50 V Multi-layer
C ₁₂	= 220 nF	63 V Polyester
C ₁₃	= 47 nF	63 V Polyester
C ₁₄	= 100 nF	63 V Polyester
C ₁₅	= 10 nF	63 V Polyester
C ₁₆	= 10 nF	50 V
R ₁	= 47 KΩ	¼ W
R ₂	= 82 KΩ	¼ W
R ₃	= 100 KΩ	¼ W
R ₄	= 3160 Ω	¼ W 1%
R ₅	= 787 Ω	¼ W 1%
R ₆	= 47 KΩ	¼ W
R ₇	= 1,0 KΩ	¼ W
R ₈	= 1,0 MΩ	¼ W
R ₉	= Voltmeter 220 KΩ	¼ W
R ₉	= Amperometer 180 Ω	¼ W
R ₁₀	= Voltmeter Trimmer 4,7 KΩ	
R ₁₀	= Amperometer Trimmer 22 KΩ	
D ₁	= 1N 4004	
D ₂	= 1N 4148	
D ₃	= 1N 4148	
Dsp ₁	= Common anode display	
Dsp ₂	= Common anode display	
Dsp ₃	= Common anode display	
IC ₁	= LM 7805	
IC ₂	= NE 555	
IC ₃	= ICL 7107	