

Part V Built Board Pictures and BOM Mate™

Built Board Pictures. Note capacitor orientation and wiring (yellow = 0V in this picture). Positive board is the bottom of the two. Optional C6 not fitted.



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POSITIVE VERSION

Resistors

- R1 = 1R 0.5W
- R2 = 1K8
- R3, 4, 8, 9 = 100K
- R5, 7 = 2K7
- R6 = 2K2
- R10 = 33R
- R11 = 1K
- R12 = 120K
- R13 = 10K

Diodes

- D1, 2 = 1N4148

Semiconductors

- Q2, 3 = BC550C
- Q5 = BC639
- Semiconductor A (Q1) (Current Limiter) = 2SA1930
- Semiconductors B, C (Q4, 6) = 2SC5171

Capacitors

- C1, 2 = 2U2 Film
- C3 = 10uF Electrolytic
- C4a, 4b = 2200uF 10V Suntan
- C4a, 4b = 4700uF 10V Suntan
- C5 = 100uF 25V Electrolytic
- C6 = Optional 100nF (0.1uF) Film

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NEGATIVE VERSION

Resistors

R1 = 1R 0.5W

R2 = 1K8

R3, 4, 8, 9 = 100K

R5, 7 = 2K7

R6 = 2K2

R10 = 33R

R11 = 1K

R12 = 120K

R13 = 10K

Diodes

D1, 2 = 1N4148 (Reverse Polarity!)

Semiconductors

Q2, 3 = BC560C

Q5 = BC640

Semiconductor A (Q1) (Current Limiter) = 2SC5171

Semiconductors B, C (Q4, 6) = 2SA1930

Capacitors

C1, 2 = 2U2 Film

C3 = 10uF Electrolytic (Reverse Polarity!)

C4a, 4b = 2200uF 10V Suntan (Reverse Polarity!)

C4a, 4b = 4700uF 10V Suntan (Reverse Polarity!)

C5 = 100uF 25V Electrolytic

C6 = Optional 100nF (0.1uF) Film