Square Wave Oscillator

Power Supply Section

- Power Supply: 9 V
- D1: LTL-307EE
- R1: 4.7 kΩ
- R2: 10 kΩ
- R4: 10 kΩ
- +4.5V
- -4.5V

Op Amp Section

- Op Amp: LM741
- C1: 1 nF
- +4.5V
- -4.5V
- R5: 1 MΩ
- 500 kΩ Frequency Pot
- 20 kΩ R7
- These numbers refer to the pins on the op amp

Oscillator Section

- Frequency Pot
- Op Amp LM741
- R8: 10 kΩ
- 4.5V
- Oscillator Output
- Can be two 10k resistors in series

Volume and Output Section

- Volume Pot: 500 kΩ
- R9: 1 MΩ
- C2: 100 µF
- R11: 1 MΩ
- Jack Tip
- Jack Sleeve