Parts List—Power Supply

Capacitors

C1,C2 3,300 µF Digi-Key #P6596

C3,C4 0.39 µF Digi-Key #P4670

C5 4.7 µF Digi-Key #P15838CT

C6,C7 15 µF Digi-Key #P15844CT

Resistors

R1,R4 470 Ω

R2,R3,R7,R9,R12 4.7 kΩ

R5 1.82 kΩ

R6 200 kΩ

R8,R9,R10,R13 10 kΩ

R11 160 kΩ, 1 W

Semiconductors

U1 LM317K Positive Adjustable Regulator

U2 LM337K Negative Adjustable Regulator

Q1,Q3 MPSA56 NPN Transistor

Q2 TIP29C PNP Power Transistor

D1-D6,D8,D9 1N4007 1 Amp diodes

D7 1N4742 12 V 1 W Zener diode

D10 1N4749 24V 1 W Zener diode

Transformer

T1 Dual 22 V Secondary Digi-Key # TE70065