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Technical Document Distribution

Brand:	**Acoustic**
Model	**G100T, G100T-112**
Product:	**Amplifier**
Description:	**Schematic**

Musicparts Document Number: 49952 TechTips: No Pages: 5 Dated: 1981

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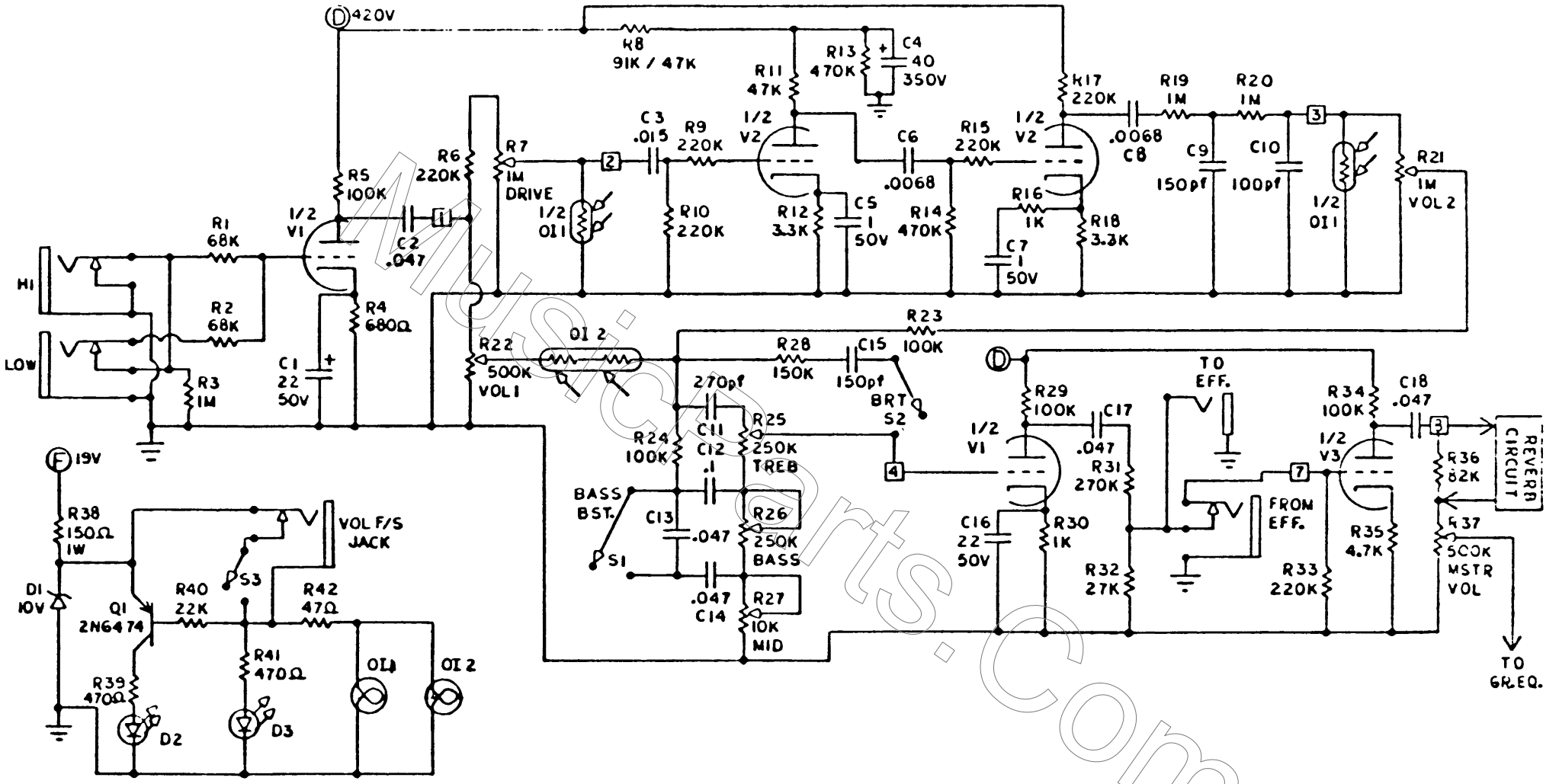

5. ALL TUBES ARE 12AX7A/ 7025
4. □ REF PCB CALLOUTS.
3. ◯ REF. PWR SUP SCHEM. (1819).
2. ALL RESISTORS 1/2 WATT UNLESS OTHERWISE NOTED
1. ALL CAPACITORS IN mfd UNLESS OTHERWISE NOTED.

NOTES:

BY	DATE
DRAWN S.N. Rose	7-27-81
CHECKED	
APPROVED S.N. Rose	7-27-81

acoustic control corp
van nuys, california 91406

TITLE: PREAMP SCHEMATIC MODEL G100T

SIZE B | DRAWING NO. CODE | PART NO. 1820 | REV

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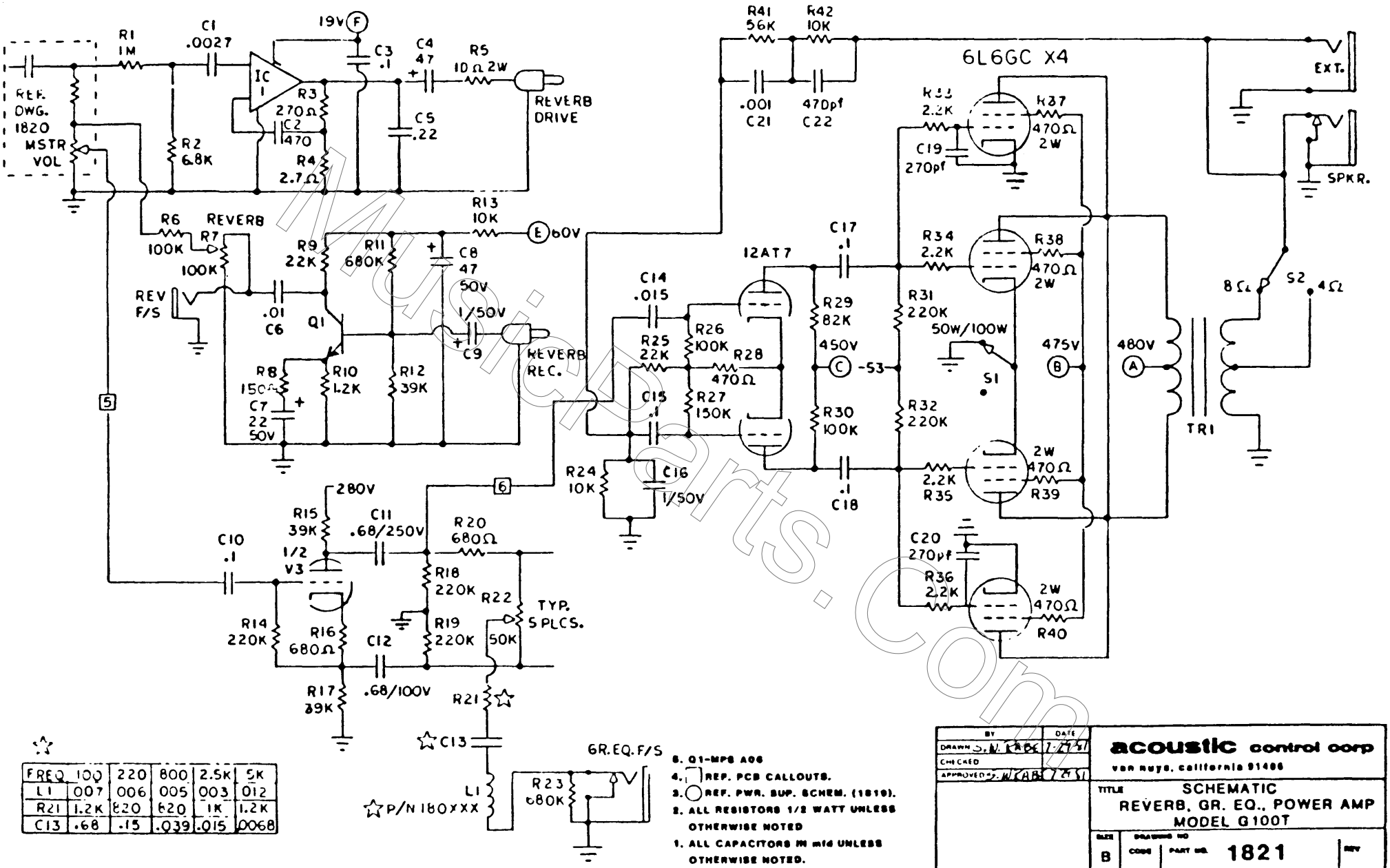

FREQ	100	220	800	2.5K	5K
L1	007	006	005	003	012
R21	1.2K	820	620	1K	1.2K
C13	.68	.15	.039	.015	.0068

NOTES:

1. ALL CAPACITORS IN mfd UNLESS OTHERWISE NOTED.
2. ALL RESISTORS 1/2 WATT UNLESS OTHERWISE NOTED
3. ○ REF. PWR. SUP. SCHEM. (1819).
4. □ REF. PCB CALLOUTS.
5. Q1-MPS A06

BY	DATE
DRAWN S. N. PARK	7-29-81
CHECKED	
APPROVED W. KAUFMAN	7/29/81

acoustic control corp
van nuys, california 91406

TITLE
SCHEMATIC
REVERB, GR. EQ., POWER AMP
MODEL G100T

SIZE B | DRAWING NO CODE | PART NO. 1821 | REV

SCALE | DO NOT SCALE THIS PRINT

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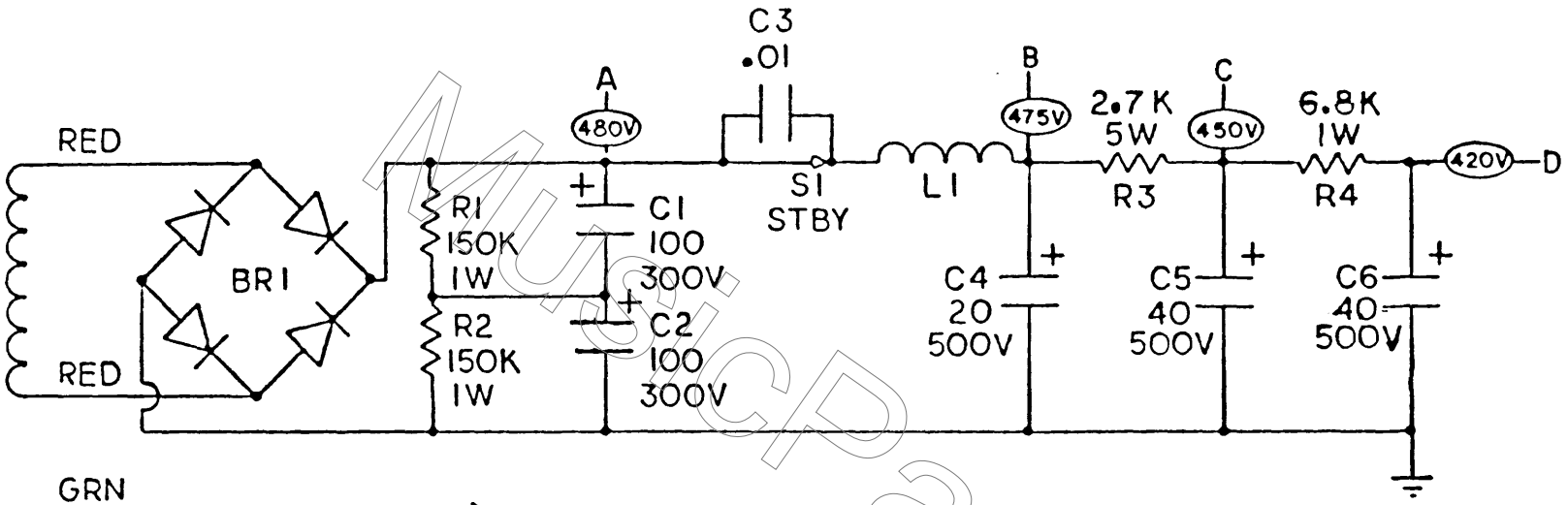

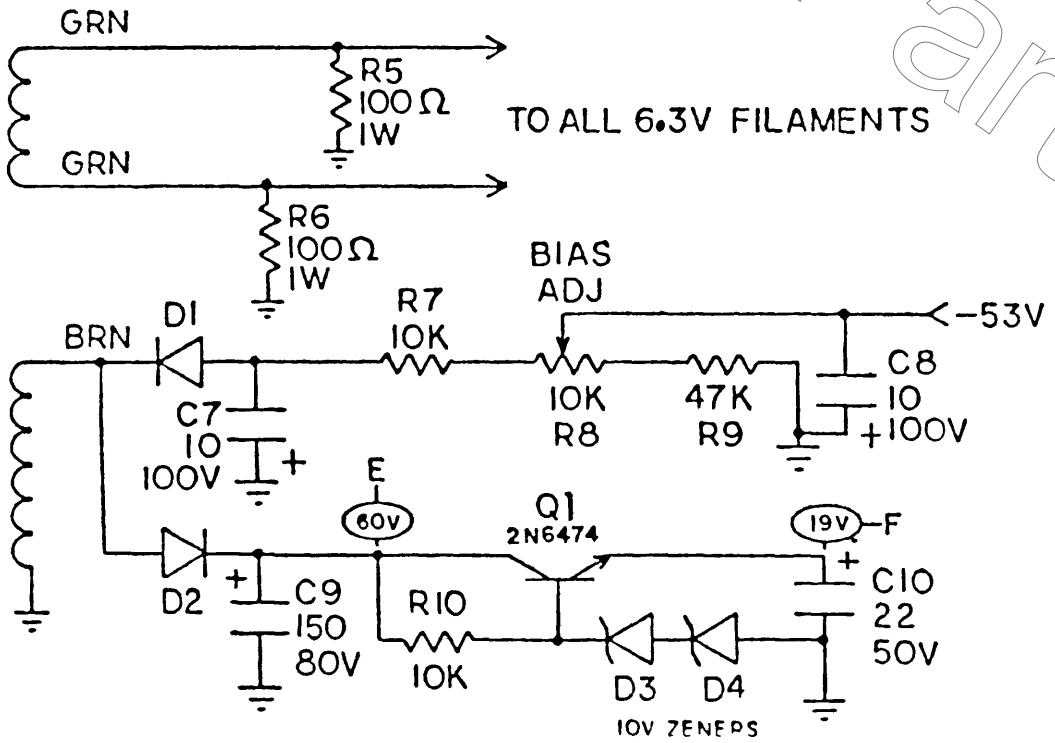

NOTES:

1. ALL CAPACITORS IN MFD.
2. ⬭ DC VOLTAGE FROM GND., NO SIG. APPLIED.
3. ALL RESISTORS 1/2W UNLESS NOTED OTHERWISE.

	BY	DATE
DRAWN	S.K.B.	7-11-61
CHECKED		
APPROVED	S. N. RABE	7-27-61

acoustic control corp
van nuys, california 91406

TITLE: POWER SUPPLY SCHEMATIC MODELS G60T & G100T

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PART LIST - Reverb, GR EQ, Power Amp
MODEL - G100T & G100T-112

SCHEMATIC REFERENCE	DESCRIPTION	ACOUSTIC PART NO.
R 1	Resistor, ½W, 1 meg, 5%	476510
R 2	Resistor, ½W, 6.8K, 5%	476268
R 3	Resistor, ½W, 270 ohm, 5%	476127
R 4	Resistor, ½W, 2.7 ohm, 5%	476927
R 5	Resistor, ½W, 10 ohm, 10%	472010
R 6,26,&30	Resistor, ½W, 100K, 5%	476410
R 7	Pot, Rotary, 100K, Lin	475056
R 8	Resistor, ½W, 150 ohm, 5%	476115
R 9&25	Resistor, ½W, 22K, 5%	476322
R 10	Resistor, ½W, 1.2K, 5%	476212
R 11&23	Resistor, ½W, 680K, 5%	476468
R 12,15,&17	Resistor, ½W, 39K, 5%	476339
R 13,24,&42	Resistor, ½W, 10K, 5%	476310
R 14,18,19,31 32,16&20	Resistor, ½W, 680 ohm, 5%	476168
R 22	Pot, Slide, 50K, Lin	475059
R 27	Resistor, ½W, 150K, 5%	476415
R 28	Resistor, ½W, 470 ohm, 5%	476147
R 29	Resistor, ½W, 82K, 5%	476382
R 33,34,35&36	Resistor, ½W, 2.2K, 5%	476222
R 38,37,39&40	Resistor, 2W, 470 ohm, 10%	472147
R 41	Resistor, ½W, 56 K, 5%	476356

SCHEMATIC REFERENCE	DESCRIPTION	ACOUSTIC PART NO.
C 1	Capacitor, Disc, .0027uf, 500V	157013
C 2	Capacitor, Elect, 500uf, 6V	153009
C 3,6&15	Capacitor, Poly, .1uf, 400V	151022
C 4&8	Capacitor, Elect, 47uf, 50V	159006
C 5	Capacitor, Poly, .22uf, 100V	152027
C 7	Capacitor, Elect, 22uf, 50V	159005
C 9&16	Capacitor, Elect, 1uf, 50V	159001
C 10,17&18	Capacitor, Poly, .1uf, 100V	158005
C 11&12	Capacitor, Poly, .68uf, 250V	151023
C 14	Capacitor, Poly, .015uf, 100V	158001
C 19&20	Capacitor, Disc, 270pf, 500V	157008
C 21	Capacitor, Disc, .001uf500V	157001
C 22	Capacitor, Disc, 470pf, 500V	151006
IC 1	IC Power Amp	480070
TR 1	Transformer, Output	560033
SPKR	Speaker, Woofer, 12" 8ohm, EV (used only on Model G100T-112)	130084

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PART LIST

MODEL G100T & G100T-112

SCHEMATIC REFERENCE	DESCRIPTION	ACOUSTIC PART NO.	SCHEMATIC REFERENCE	DESCRIPTION	ACOUSTIC PART NO.
T-1	Transformer	560040	C 1-2	Capacitor, Elect, 100UF, 300V	159016
BR 1	Rectifier, Bridge	480081	C 3	Capacitor, Elect,.01&F,1.4KV	151015
D 1-2	Rectifier, Diode	480028	C4	Capacitor,Elect, 20UF,500V	153039
D 3-4	Rectifier, Zener	480086	C5 - 6	Capacitor, Elect,Dual140UF500V	153038
L 1	Transformer, Filter	560032	C 7	Capacitor,Elect,150UF,80V	159022
R 1-2	Resistor, 5W, 150K, 10%	474415	C 8	Capacitor, Poly 22UF, 100V	152027
R 3	Resistor, 5W, 1.7K, 10%	463227			
R4	Resistor, 1W, 6.8K,10%	474268	C 9 -10	Capacitor, Elect 10UF, 100V	159008
R 5-6	Resistor, 1/2W, 10K, 5%	476310			
R7	Pot, Trim, 10K, Lin	475008	Q 1	Transistor, Drive	480056
R 8	Resistor, 1/2W, 47K, 5%	476347			

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