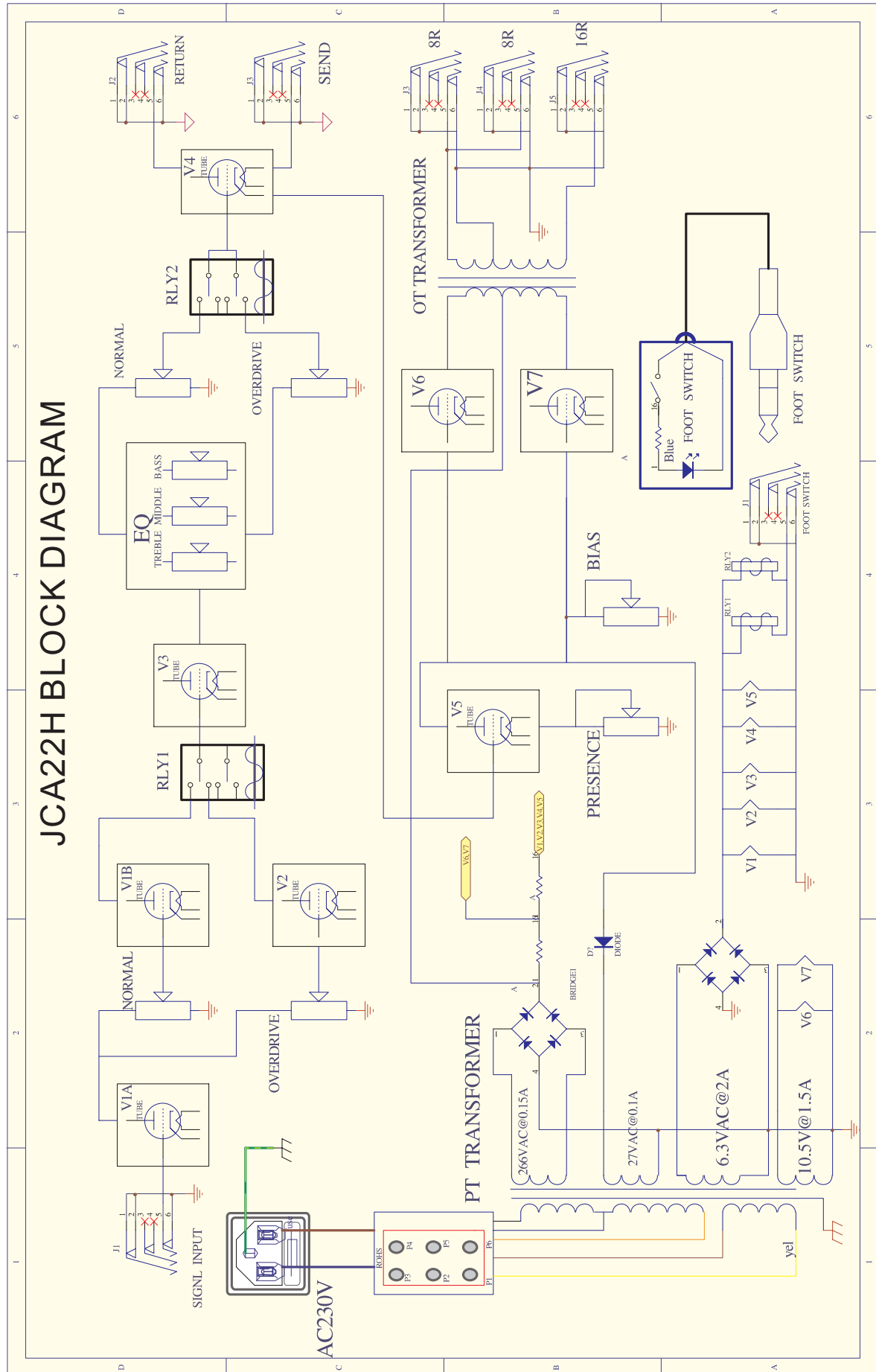
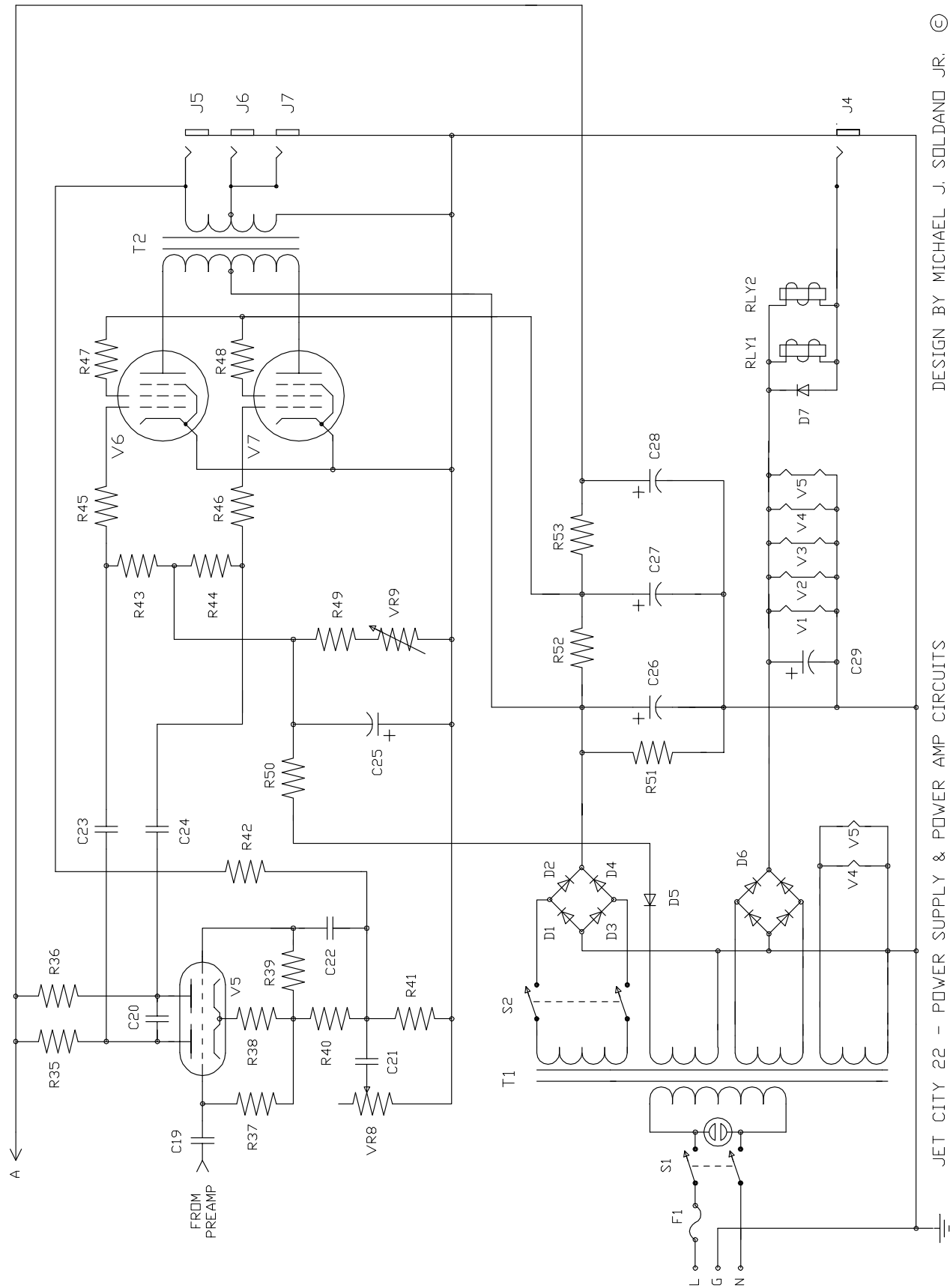


2. BLOCK DIAGRAM

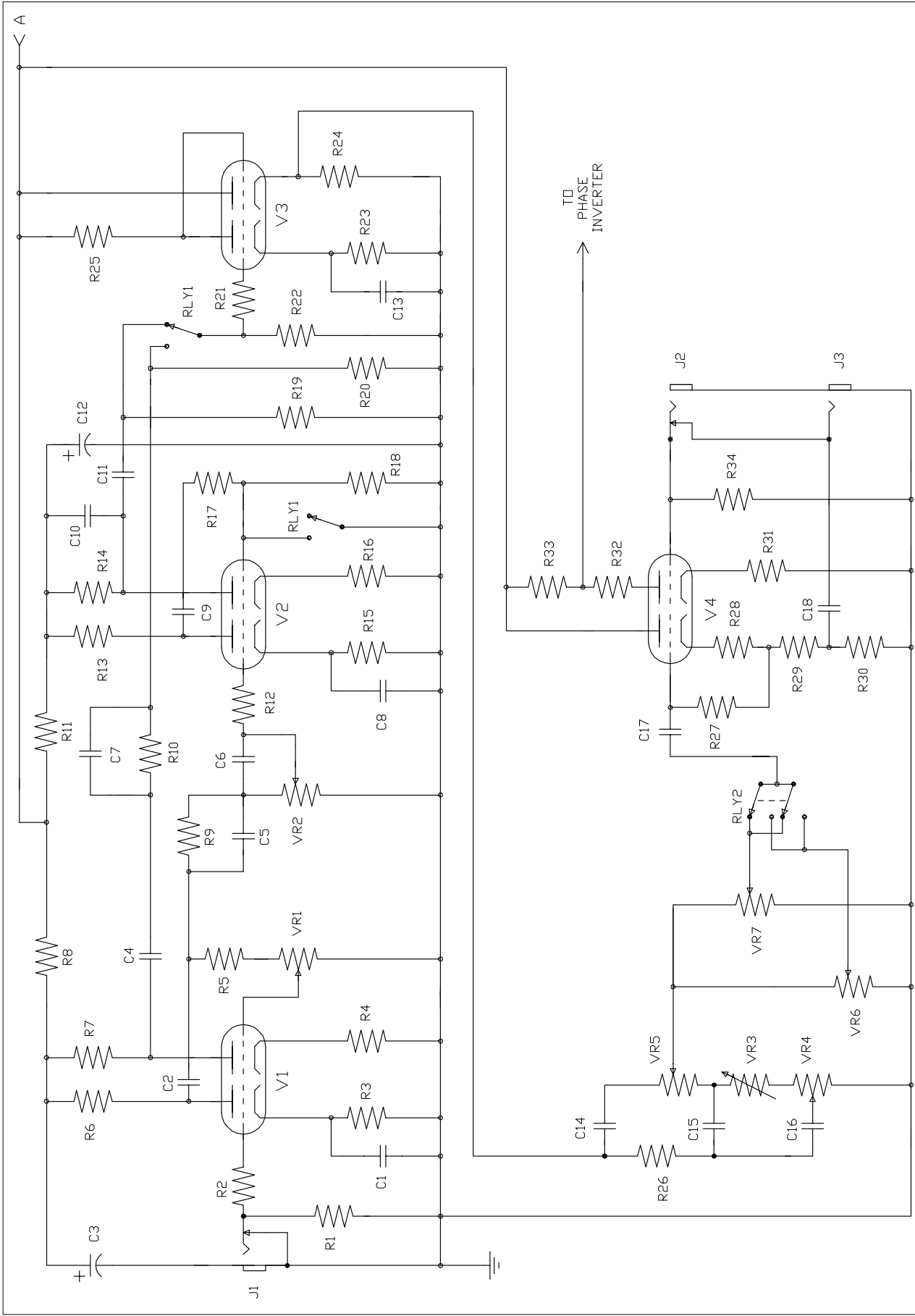


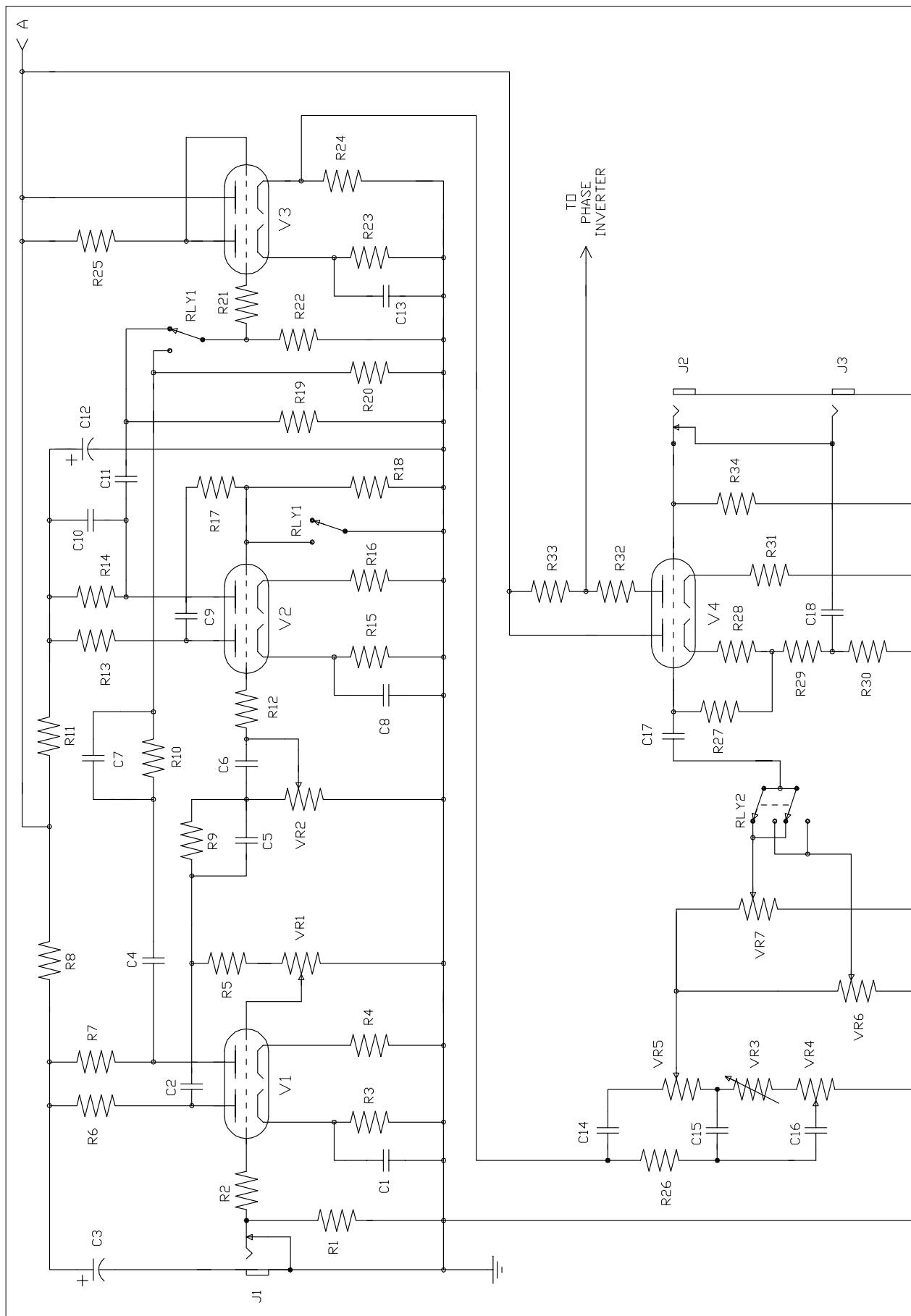
HK12443 P-JCA22H_OUT



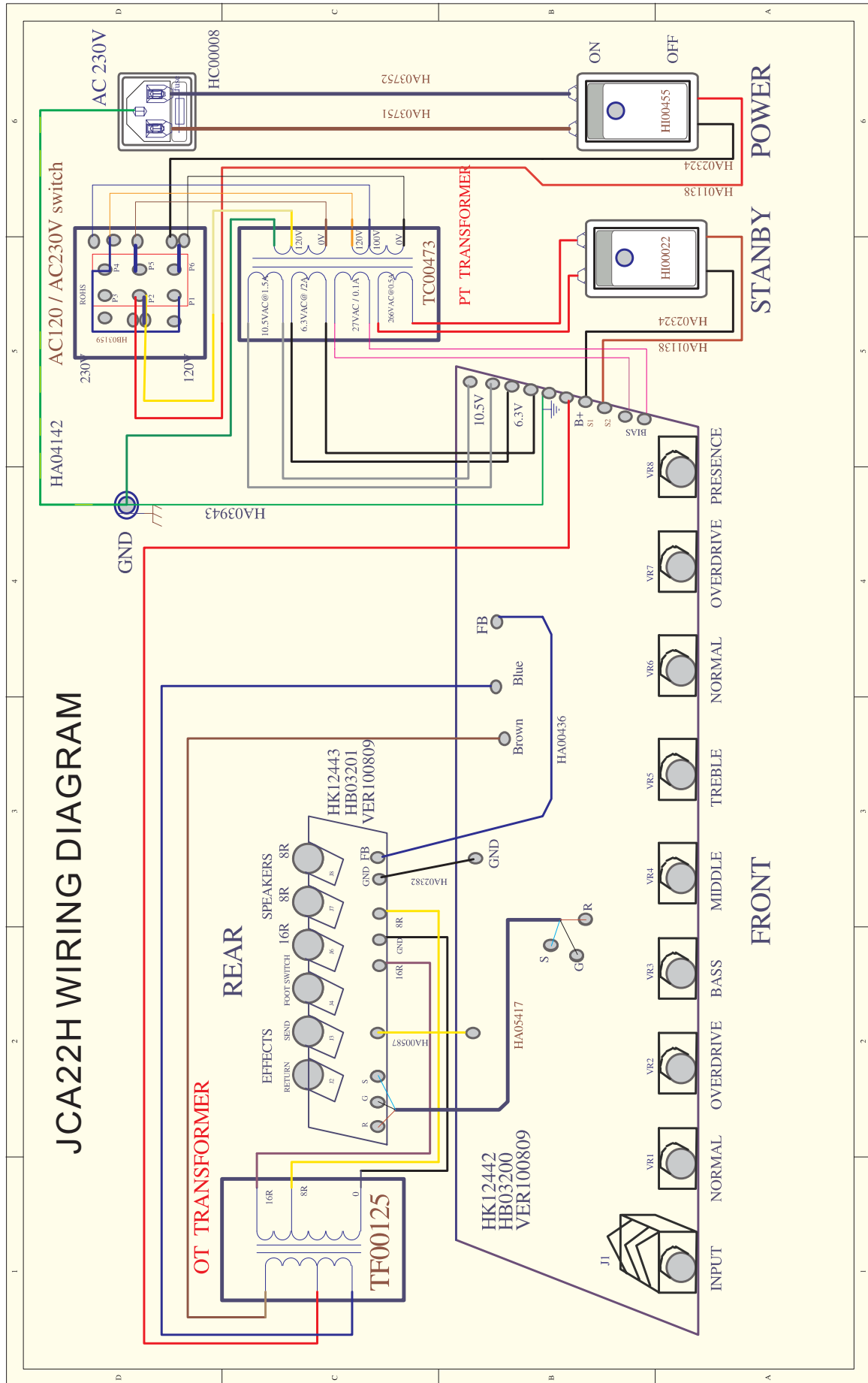
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JET CITY 22 - POWER SUPPLY & POWER AMP CIRCUITS





4. WIRING DIAGRAM



S/N	Part No	Description	Specification	Qty
1	HK12442	K-PCB	P-JCA22H_MAIN-DIP	1
2	HK12443	K-PCB	P-JCA22H_OUT-DIP	1
3	ME00304	T-nut-RS	9.3*f 6.42*f 9.35 T-0664-N	7
4	NC00424	T-wood washer-RS-ACT	1.6*f 11.3*f 15.4 T0661-WA11.1-R 紅	14
5	NI03489	T-plastic washer-RS-ACT	2.6*f 15.7*f 9.8 T-664-D01	7
6	MA08801	ZC-front panel-RS	JCA22H JET CITY_V1.0	1
7	TF00125	output transformer-RS	OT-JC20	1
8	TC00473	constant voltage transformer-RS	PT-JC22_100/120/240V_50/60Hz	1
9	MF00039	spring washer-RS	φ5*φ8*1.2T_V 1.2	8
10	MG00477	T-nut-RS	6mm	4
11	MG00599	white screw-RS	M5*9.6*0.8PH_V1.0	8
12	NI04105	rubber plug-RS	GA-20 f 16*f 27*10	2
13	NI00171	rubber plug-RS	9*f 20*10mm	1
14	NI05689	plastic knob-RS-CT-ABS	25.4*15	8
15	MF00189	washer-RS	12*f 7.2*0.4	8
16	ME00303	nut-RS	10*f 7*2.5	8
17	HC00008	AC inlet-RS	3515 A TYPE(RF-2004-C-4.8)	1
18	HD00013	glass tube fuse-RS	3.15A 250V φ5.2*20mm CSA/S/UL/VDE	2
19	MG00042	black screw-RS	M3*10	2
20	HI00455	power supply SW-RS	4P 16A R595KFIT2FA	1
21	HI00022	power supply SW-RS	4PR13-69A	1
22	NI03205	protection cover-RS	0.5*44*15_V1.0	1
23	HI00345	sliding SW-RS	L21-22A2 10A/250V	1
24	HB03159	PCB-RS	JCA-SW(4*5)_VER100225	1
25	MG00566	black screw-RS	M3*10*0.5PH_V1.0	2
26	MG00269	nickel screw-RS	M3*6	8
27	MG00846	copper pillar-RS	M3*10*0.5PH	8
28	ME00016	multicolored nut-RS	4mm	1
29	MF00038	spring washer-RS	f 4*f 7*1t	2
30	MF00048	star washer-RS	f 4*f 8*0.5t	1
31	HD00137	vacuum tube-RS	EL84	2
32	HD00063	vacuum tube-RS-ACT	12AX7WA	5
33	MH01859	separating hood-RS-ACT	TUBE RETAINER2-1(BELTON)	2

6. BOM

EUROPE

Rank	Part No	Description	Specification	Insert Location
PI02475		AMPLIFIER	JCA22H_JET CITY_230V_CHINA	
└0001	MG00063	screw	M3*12	
└0002	MG00489	screw	M3*20	
└0003	MG00511	screw-RS	M4*37_V1.1	
└0004	HA00861	power cord Europe 3P	LT-312+LT-501	
└0005	MG00670	SCREW-RS	M6*40	
└0006	MF00155	washer-RS	φ18*φ6.5*0.8t	
└0007	NE12597	lable	ASHDOWN 230V_V1.0	
└0008	NA00875	PE bag-RS	0.05t*820*540mm_V1.0	
└0009	NA00858	PE bag-RS	0.04t*240*160mm_V1.0	
└0010	NI05676	label-RS-CT-ABS	JC-20 6.35*φ104.43_V1.0	
└0011	MD01431	iron net-RS	93*389 PH=25*12_V1.1	
└0012	NE19827	label-RS	JET CITY SERIES_V1.0	
└0013	NA01048	silk wadding-RS-CT	JCA100H_V1.0	
└0014	HK12252	faceplate	FOOTSWITCH_JET CITY_JCA50H	
└0001	RA00805	fixed resistor 1/4W	68KΩ	
└0002	SA00379	L.E.D-RS	φ3 blue(TY-30BL5TM70-250)	
└0003	NI00559	bushing	5P-4	
└0004	NI02952	lamp cover	LC3-1 ψ3 LED	
└0005	MG00025	screw-RS	M3*6	
└0006	HI00295	foot-switch-RS-C	01-690C	
└0007	HC00038	MIC plug	φ6.3(metal)	
└0008	HA01710	MIC wire-RS	φ6*1C*20/0.12+30/0.12*15FT	
└0009	ND00619	EV foam	2.0t*70*105 black_V1.0	
└0010	NA00860	PE bag-RS	0.04t*280*220mm_V1.0	
└0011	NB06512	inner case-RS-CT	JCA100H_V1.0	
└0012	MA08125	panel-RS	JCA-100H JET CIYT_V1.2	
└0013	MB04441	chassis	ABM SINGLE 1.6t*45*110*83.5_V1.3	
└0015	NC03051	box-RS	JCA20H 23#_V1.2	
└0016	HK13066	faceplate	JCA22H_JET CITY_230V	
└0001	NI03489	plastic washer	2.6*φ15.7*φ9.8 T-664-D01	
└0002	NI00252	sleeve	φ4*20mm	
└0003	NI00267	sleeve	φ6*18mm	
└0004	NI00171	rubber stopper	φ9*φ20*10mm black_V1.0	
└0005	NI00218	cable tie	ALT-102SB	
└0006	NI03205	protective cover	0.5*44*15_V1.0	
└0007	NC00424	washer	1.6*φ11.3*φ15.4 T0661-WA11.1-R red	
└0008	MF00039	washer	φ5*φ8*1.2T_V 1.2	
└0009	MF00038	washer-RS	φ4*φ7*1t	
└0010	MF00048	washer-RS	φ4*φ8*0.5t	
└0011	ME00016	color nut	4m/m	
└0012	MH01859	separating shade	TUBE RETAINER2-1(BELTON)	
└0013	MG00566	screw	M3*10*0.5PH_V1.0	
└0014	MG00477	nut	6mm	
└0015	MG00269	screw-RS	M3*6	
└0016	HI00022	power switch-RS	4p black frame red key	
└0017	HD00009	glass tube fuse	1.6A 250V φ5.2*20mm CSA/S/UL/VDE	
└0018	HD00063	vacuum tube	12AX7WA	
└0019	HC00008	AC socket	3515 A TYPE(RF-2004-C-4.8)	
└0020	HA01138	signle terminal wiring CF:W08	170 red	
└0021	HA00587	wire	70mm yellow L5R5	
└0022	HA00436	wire	150mm blue L5R5	
└0023	HA03943	signle terminal wiring	120mm UL1015 18AWG	
└0024	HA03752	wire-RS	200mm UL1015 18AWG blue	
└0025	HA03751	wire-RS	200mm UL1015 18AWG plam	
└0026	HA02324	signle terminal wiring	160mm UL1015 18AWG black	

Rank	Part No	Description	Specification	Insert Location
0027	HA02382	wire-RS	55mm black L5R5	
0028	HA04142	wire	100mm UL1015 18AWG green roll yellow	
0029	NI04105	hole stopper	GA-20 $\phi 16 \times \phi 27 \times 10$ black	
0030	MG00042	screw	M3*10	
0031	HD00137	vacuum tube-RS	EL84	
0032	MG00846	iron pillar-RS	M3*10*0.5PH 15mm_V1.0	
0033	MF00189	washer-RS	$\phi 12 \times \phi 7.2 \times 0.4$	
0034	ME00303	copper nut-RS	$\phi 10 \times \phi 7 \times 2.5$	
0035	ME00304	copper nut-RS	9.3* $\phi 6.42 \times \phi 9.35$ T-0664-N	
0036	NI05689	knob-RS-CT	$\phi 25.4 \times 15_V1.0$	
0037	TF00125	Output Transformer-RS	OT-JC20	
0038	HA05417	wire-RS	300mm grey LG5RG5	
0039	HK13508	PC board-RS	P-JCA-SW	
0001	HB03159	PCB-RS	JCA-SW(1*5)_VER110809	
0002	HI00345	slide switch-RS	L21-22A2 10A/250V	SW1
0003	AC00603	lead free soldering bar	S100	
0040	HI00455	power switch-RS	4P 16A R595KFIT2FA	
0041	HK12443	PC board-RS	P-JCA22H_OUT-DIP	
0001	AC00603	lead free soldering bar	S100	
0002	HC01135	stereo MIC jack-RS	$\phi 6.4$ S-6351-4P	J2,J3,J4,J5,J6,J7
0003	HB03201	PCB-RS	JCA22H_OUT(1*5)_VER100809	
0042	HK12442	PC board-RS	P-JCA22H_MAIN-DIP	
0001	RA01606	precise metal-oxide-film resistor-RS 1W	470 Ω	R38
0002	RA00808	metal-oxide-film resistor 1W	1.8K Ω	R3,R15,R23
0003	RA01596	precise metal-oxide-film resistor-RS 1W	100 K Ω	R7,R13,R14,R24,R25,R36
0004	RA01601	precise metal-oxide-film resistor-RS 1W	10K Ω	R33,R40,R49,R50
0005	RA01884	precise metal-oxide-film resistor-RS 2W	10.0k $\Omega \pm 1\%$	R53
0006	RA01605	precise metal-oxide-film resistor-RS 1W	15K Ω	R8,R11,R54,R29
0007	RA00062	metal-oxide-film resistor 3W	1.0K Ω RSS P type	R52
0008	RA01593	precise metal-oxide-film resistor-RS 1W	1M Ω	R1,R5,R9,R10,R18,R27,R37,R39
0009	RA01595	precise metal-oxide-film resistor-RS 1W	2.2K Ω	R4,R28,R31,R45,R46
0010	RA01886	precise metal-oxide-film resistor-RS 1W	2.2M $\Omega \pm 1\%$	R19,R20
0011	RA01599	precise metal-oxide-film resistor-RS 1W	220K Ω	R6,R21,R43,R44
0012	RA01539	metal-oxide-film resistor-RS 3W	220K Ω P type	R51
0013	RA01882	precise metal-oxide-film resistor-RS 1W	330k $\Omega \pm 1\%$	R22
0014	RA01847	precise metal-oxide-film resistor-RS 1W	39K Ω	R16
0015	RA01604	precise metal-oxide-film resistor-RS 1W	4.7K Ω	R30,R41
0016	RA01883	precise metal-oxide-film resistor-RS 2W	470.0 $\Omega \pm 1\%$	R47,R48
0017	RA01598	precise metal-oxide-film resistor-RS 1W	470K Ω	R12,R17,R34
0018	RA01594	precise metal-oxide-film resistor-RS 1W	47K Ω	R26,R42
0019	RA01881	precise metal-oxide-film resistor-RS 1W	68k $\Omega \pm 1\%$	R2,R32
0020	RA01603	precise metal-oxide-film resistor-RS 1W	82K Ω	R35
0021	CA00117	ceramic capacitor-RS	0.001uF/500V Y5P	C5,C10
0022	CF00212	metal-oxide-film capacitor-RS	0.022uF/400V 10%	C2,C4,C19,C23,C9,C11,C15,C16,C17,C24
0023	CF00033	metal-film capacitor MEF	0.1uF/250V 10%	C21,C22
0024	CB00366	electrolytic capacitor-RS	10uF/450V $\phi 13 \times 21$ mm	C3,C12,C30
0025	CF00046	metal-film capacitor MEF	1.0uF/250V 10%	C1,C8,C13,C18
0026	CB00326	electrolytic capacitor-RS	22000uF/25V $\psi 30 \times 35$ mm	C29
0027	CB00415	electrolytic capacitor-RS	22uF/450V 105 $^{\circ}$ C $\phi 16 \times 25$ mm	C27,C28
0028	CB00327	electrolytic capacitor-RS	22uF/100V $\phi 8 \times 12$ mm	C25
0029	CA00137	ceramic capacitor-RS	270PF/500V Y5P	C20
0030	CA00134	ceramic capacitor-RS	470PF/1000V Y5P	C6,C7,C14
0031	CB00416	electrolytic capacitor-RS	47uF/450V 105 $^{\circ}$ C $\phi 18 \times 25$ mm	C26
0032	RC00381	potentiometer	A1M Ω RV16A-20-15K-A1M-3	VR1,VR2,VR3,VR6,VR7

Rank	Part No	Description	Specification	Insert Location
0033	RC00502	potentiometer	B25KΩ RV16A-20-15K-B25K-3	VR4,VR8
0034	RC00501	potentiometer	B250KΩ RV16A-20-15K-B250K-3	VR5
0035	RC00591	precise metal-oxide-film resistor-RS	B50K T1502N-AI-B503-0H03	VR9
0036	SA00159	rectifier diode	1A/1000V IN4007	D1,D2,D3,D4,D5,D7
0037	SA00005	bridge rectifier	4A/400V RS405	D6
0038	HC01135	stereo MIC jack-RS	φ6.4 S-6351-4P	J1
0039	HC00890	vacuum tube holder-RS	9PIN PCB (GZC9-B)	V1,V2,V3,V4,V5,V6,V7
0040	RA00157	fixed resistor 1/4W	0Ω	JPO1
0041	HI00008	relay	RY-12W-K 12V	RLY1,RLY2
0042	AC00603	lead free soldering bar	S100	
0043	HB03200	PCB-RS	JCA22H_MAIN_VER100809	
0043	MA08801	panel-RS	JCA22H JET CITY_V1.0	
0044	TC00473	transformer-RS	PT-JCA22H_100/120/240V_50/60Hz	
0045	MH01857	separating shade	TUBE SHIELD-1(BELTON)	
0046	MG00909	screw-RS	M5*12*0.8PH	
0017	NF03556	user manual-RS	JCA22H JET CITY_V1.0	
0018	NE21047	label-RS	JCA22H_V1.1	
0019	NE21046	label-RS	JCA22H_V1.0	
0020	NB06922	carton-RS-CT	JCA22H JET CITY_V1.0	
0021	NA00270	sponge-RS	ASHDOWN 140*140*140mm_V1.0	
0022	NA00706	silk wadding-RS	TPS218NEO-SUB_V1.0	

USA

Rank	Part No	Description	Specification	Insert Location
PI02567		AMPLIFIER	JCA22H_JET CITY_120V_CHINA	
└0001	MG00063	screw	M3*12	
└0002	MG00489	screw	M3*20	
└0003	MG00511	screw-RS	M4*37_V1.1	
└0004	HA00841	power cord(America 3P)	LT-202+18A*3C(SVT) 6FT+LT-501	
└0005	MG00670	SCREW-RS	M6*40	
└0006	MF00155	washer-RS	φ18*φ6.5*0.8t	
└0007	NA00875	PE bag-RS	0.05t*820*540mm_V1.0	
└0008	NA00858	PE bag-RS	0.04t*240*160mm_V1.0	
└0009	NI05676	label-RS-CT-ABS	JC-20 6.35*φ104.43_V1.0	
└0010	MD01431	iron net-RS	93*389 PH=25*12_V1.1	
└0011	NE19827	label-RS	JET CITY SERIES_V1.0	
└0012	NA01048	silk wadding-RS-CT	JCA100H_V1.0	
└0013	HK12252	faceplate	FOOTSWITCH_JET CITY_JCA50H	
└0001	RA00805	fixed resistor 1/4W	68KΩ	
└0002	SA00379	L.E.D-RS	φ3 blue(TY-30BL5TM70-250)	
└0003	NI00559	bushing	5P-4	
└0004	NI02952	lamp cover	LC3-1 φ3 LED	
└0005	MG00025	screw-RS	M3*6	
└0006	HI00295	foot-switch-RS-C	01-690C	
└0007	HC00038	MIC plug	φ6.3(metal)	
└0008	HA01710	MIC wire-RS	φ6*1C*20/0.12+30/0.12*15FT	
└0009	ND00619	EV foam	2.0t*70*105 black_V1.0	
└0010	NA00860	PE bag-RS	0.04t*280*220mm_V1.0	
└0011	NB06512	inner case-RS-CT	JCA100H_V1.0	
└0012	MA08125	panel-RS	JCA-100H JET CIYT_V1.2	
└0013	MB04441	chassis	ABM SINGLE 1.6t*45*110*83.5_V1.3	
└0014	NC03051	box-RS	JCA20H 23#_V1.2	
└0015	HK13065	faceplate	JCA22H_JET CITY_120V	
└0001	NI03489	plastic washer	2.6*φ15.7*φ9.8 T-664-D01	
└0002	NI00252	sleeve	φ4*20mm	
└0003	NI00267	sleeve	φ6*18mm	
└0004	NI00171	rubber stopper	φ9*φ20*10mm black_V1.0	
└0005	NI00218	cable tie	ALT-102SB	
└0006	NI03205	protective cover	0.5*44*15_V1.0	
└0007	NC00424	washer	1.6*φ11.3*φ15.4 T0661-WA11.1-R red	
└0008	MF00039	washer	φ5*φ8*1.2T_V 1.2	
└0009	MF00038	washer-RS	φ4*φ7*1t	
└0010	MF00048	washer-RS	φ4*φ8*0.5t	
└0011	ME00016	color nut	4m/m	
└0012	MH01859	separating shade	TUBE RETAINER2-1(BELTON)	
└0013	MG00566	screw	M3*10*0.5PH_V1.0	
└0014	MG00477	nut	6mm	
└0015	MG00269	screw-RS	M3*6	
└0016	HI00022	power switch-RS	4p black frame red key	
└0017	HD00063	vacuum tube	12AX7WA	
└0018	HC00008	AC socket	3515 A TYPE(RF-2004-C-4.8)	
└0019	HA01138	signle terminal wiring CF:W08	170 red	
└0020	HA00587	wire	70mm yellow L5R5	
└0021	HA00436	wire	150mm blue L5R5	
└0022	HA03943	signle terminal wiring	120mm UL1015 18AWG	
└0023	HA02324	signle terminal wiring	160mm UL1015 18AWG black	
└0024	HA02382	wire-RS	55mm black L5R5	
└0025	HA04142	wire	100mm UL1015 18AWG green roll yellow	
└0026	NI04105	hole stopper	GA-20 φ16*φ27*10 black	
└0027	MG00042	screw	M3*10	
└0028	HD00137	vacuum tube-RS	EL84	
└0029	MG00846	iron pillar-RS	M3*10*0.5PH 15mm_V1.0	

Rank	Part No	Description	Specification	Insert Location
-0030	HK12442	PC board-RS	P-JCA22H_MAIN-DIP	
-0001	RA01606	precise metal-oxide-film resistor-RS 1W	470Ω	R38
-0002	RA00808	metal-oxide-film resistor 1W	1.8KΩ	R3,R15,R23
-0003	RA01596	precise metal-oxide-film resistor-RS 1W	100 KΩ	R7,R13,R14,R24,R25,R36
-0004	RA01601	precise metal-oxide-film resistor-RS 1W	10KΩ	R33,R40,R49,R50
-0005	RA01884	precise metal-oxide-film resistor-RS 2W	10.0kΩ±1%	R53
-0006	RA01605	precise metal-oxide-film resistor-RS 1W	15KΩ	R8,R11,R54,R29
-0007	RA00062	metal-oxide-film resistor 3W	1.0KΩ RSS P type	R52
-0008	RA01593	precise metal-oxide-film resistor-RS 1W	1MΩ	R1,R5,R9,R10,R18,R27,R37,R39
-0009	RA01595	precise metal-oxide-film resistor-RS 1W	2.2KΩ	R4,R28,R31,R45,R46
-0010	RA01886	precise metal-oxide-film resistor-RS 1W	2.2MΩ±1%	R19,R20
-0011	RA01599	precise metal-oxide-film resistor-RS 1W	220KΩ	R6,R21,R43,R44
-0012	RA01539	metal-oxide-film resistor-RS 3W	220KΩ P type	R51
-0013	RA01882	precise metal-oxide-film resistor-RS 1W	330kΩ±1%	R22
-0014	RA01847	precise metal-oxide-film resistor-RS 1W	39KΩ	R16
-0015	RA01604	precise metal-oxide-film resistor-RS 1W	4.7KΩ	R30,R41
-0016	RA01883	precise metal-oxide-film resistor-RS 2W	470.0Ω±1%	R47,R48
-0017	RA01598	precise metal-oxide-film resistor-RS 1W	470KΩ	R12,R17,R34
-0018	RA01594	precise metal-oxide-film resistor-RS 1W	47KΩ	R26,R42
-0019	RA01881	precise metal-oxide-film resistor-RS 1W	68kΩ±1%	R2,R32
-0020	RA01603	precise metal-oxide-film resistor-RS 1W	82KΩ	R35
-0021	CA00117	ceramic capacitor-RS	0.001uF/500V Y5P	C5,C10
-0022	CF00212	metal-oxide-film capacitor-RS	0.022uF/400V 10%	C2,C4,C19,C23,C9,C11,C15,C16,C17,C24
-0023	CF00033	metal-film capacitor MEF	0.1uF/250V 10%	C21,C22
-0024	CB00366	electrolytic capacitor-RS	10uF/450V φ13*21mm	C3,C12,C30
-0025	CF00046	metal-film capacitor MEF	1.0uF/250V 10%	C1,C8,C13,C18
-0026	CB00326	electrolytic capacitor-RS	22000uF/25V ψ30*35mm	C29
-0027	CB00415	electrolytic capacitor-RS	22uF/450V 105°C φ16*25mm	C27,C28
-0028	CB00327	electrolytic capacitor-RS	22uF/100V φ8*12mm	C25
-0029	CA00137	ceramic capacitor-RS	270PF/500V Y5P	C20
-0030	CA00134	ceramic capacitor-RS	470PF/1000V Y5P	C6,C7,C14
-0031	CB00416	electrolytic capacitor-RS	47uF/450V 105°C φ18*25mm	C26
-0032	RC00381	potentiometer	A1MΩ RV16A-20-15K-A1M-3	VR1,VR2,VR3,VR6,VR7
-0033	RC00502	potentiometer	B25KΩ RV16A-20-15K-B25K-3	VR4,VR8
-0034	RC00501	potentiometer	B250KΩ RV16A-20-15K-B250K-3	VR5
-0035	RC00591	precise metal-oxide-film resistor-RS	B50K T1502N-AI-B503-0H03	VR9
-0036	SA00159	rectifier diode	1A/1000V IN4007	D1,D2,D3,D4,D5,D7
-0037	SA00005	bridge rectifier	4A/400V RS405	D6
-0038	HC01135	stereo MIC jack-RS	φ6.4 S-6351-4P	J1
-0039	HC00890	vacuum tube holder-RS	9PIN PCB (GZC9-B)	V1,V2,V3,V4,V5,V6,V7
-0040	RA00157	fixed resistor 1/4W	0Ω	JPO1
-0041	HI00008	relay	RY-12W-K 12V	RLY1,RLY2
-0042	AC00603	lead free soldering bar	S100	
-0043	HB03200	PCB-RS	JCA22H_MAIN_VER100809	
-0031	MF00189	washer-RS	φ12*φ7.2*0.4	
-0032	ME00303	copper nut-RS	φ10*φ7*2.5	
-0033	ME00304	copper nut-RS	9.3*φ6.42*φ9.35 T-0664-N	
-0034	NI05689	knob-RS-CT	φ25.4*15_V1.0	
-0035	TF00125	Output Transformer-RS	OT-JC20	
-0036	HA05417	wire-RS	300mm grey LG5RG5	
-0037	HK13508	PC board-RS	P-JCA-SW	
-0001	HB03159	PCB-RS	JCA-SW(1*5)_VER110809	
-0002	HI00345	slide switch-RS	L21-22A2 10A/250V	SW1

Rank	Part No	Description	Specification	Insert Location
0003	AC00603	lead free soldering bar	S100	
0038	HI00455	power switch-RS	4P 16A R595KFIT2FA	
0039	HK12443	PC board-RS	P-JCA22H_OUT-DIP	
0001	AC00603	lead free soldering bar	S100	
0002	HC01135	stereo MIC jack-RS	φ6.4 S-6351-4P	J2,J3,J4,J5,J6,J7
0003	HB03201	PCB-RS	JCA22H_OUT(1*5)_VER100809	
0040	MA08801	panel-RS	JCA22H JET CITY_V1.0	
0041	TC00473	transformer-RS	PT-JCA22H_100/120/240V_50/60Hz	
0042	HD00013	glass tube fuse	3.15A 250V φ5*20mm CSA/S/UL/VDE	
0043	MG00599	screw	M5*6*0.8PH_V1.1	
0044	HA03751	wire-RS	200mm UL1015 18AWG plam	
0045	HA03752	wire-RS	200mm UL1015 18AWG blue	
0046	MH01857	separating shade	TUBE SHIELD-1(BELTON)	
0016	MG00384	screw	M5*18.5*0.8PH	
0017	NE12596	lable	ASHDOWN 120V_V1.0	
0018	NF03556	user manual-RS	JCA22H JET CITY_V1.0	
0019	NE21047	label-RS	JCA22H_V1.1	
0020	NE21046	label-RS	JCA22H_V1.0	
0021	NB06922	carton-RS-CT	JCA22H JET CITY_V1.0	
0022	NA00270	sponge-RS	ASHDOWN 140*140*140mm_V1.0	
0023	NA00706	silk wadding-RS	TPS218NEO-SUB_V1.0	

Rank	Part No	Description	Specification	Insert Location
0027	HA02382	wire-RS	55mm black L5R5	
0028	HA04142	wire	100mm UL1015 18AWG green roll yellow	
0029	NI04105	hole stopper	GA-20 $\phi 16 \times \phi 27 \times 10$ black	
0030	MG00042	screw	M3*10	
0031	HD00137	vacuum tube-RS	EL84	
0032	MG00846	iron pillar-RS	M3*10*0.5PH 15mm_V1.0	
0033	MF00189	washer-RS	$\phi 12 \times \phi 7.2 \times 0.4$	
0034	ME00303	copper nut-RS	$\phi 10 \times \phi 7 \times 2.5$	
0035	ME00304	copper nut-RS	9.3* $\phi 6.42 \times \phi 9.35$ T-0664-N	
0036	NI05689	knob-RS-CT	$\phi 25.4 \times 15_V1.0$	
0037	TF00125	Output Transformer-RS	OT-JC20	
0038	HA05417	wire-RS	300mm grey LG5RG5	
0039	HK13508	PC board-RS	P-JCA-SW	
0001	HB03159	PCB-RS	JCA-SW(1*5)_VER110809	
0002	HI00345	slide switch-RS	L21-22A2 10A/250V	SW1
0003	AC00603	lead free soldering bar	S100	
0040	HI00455	power switch-RS	4P 16A R595KFIT2FA	
0041	HK12443	PC board-RS	P-JCA22H_OUT-DIP	
0001	AC00603	lead free soldering bar	S100	
0002	HC01135	stereo MIC jack-RS	$\phi 6.4$ S-6351-4P	J2,J3,J4,J5,J6,J7
0003	HB03201	PCB-RS	JCA22H_OUT(1*5)_VER100809	
0042	HK12442	PC board-RS	P-JCA22H_MAIN-DIP	
0001	RA01606	precise metal-oxide-film resistor-RS 1W	470 Ω	R38
0002	RA00808	metal-oxide-film resistor 1W	1.8K Ω	R3,R15,R23
0003	RA01596	precise metal-oxide-film resistor-RS 1W	100 K Ω	R7,R13,R14,R24,R25,R36
0004	RA01601	precise metal-oxide-film resistor-RS 1W	10K Ω	R33,R40,R49,R50
0005	RA01884	precise metal-oxide-film resistor-RS 2W	10.0k $\Omega \pm 1\%$	R53
0006	RA01605	precise metal-oxide-film resistor-RS 1W	15K Ω	R8,R11,R54,R29
0007	RA00062	metal-oxide-film resistor 3W	1.0K Ω RSS P type	R52
0008	RA01593	precise metal-oxide-film resistor-RS 1W	1M Ω	R1,R5,R9,R10,R18,R27,R37,R39
0009	RA01595	precise metal-oxide-film resistor-RS 1W	2.2K Ω	R4,R28,R31,R45,R46
0010	RA01886	precise metal-oxide-film resistor-RS 1W	2.2M $\Omega \pm 1\%$	R19,R20
0011	RA01599	precise metal-oxide-film resistor-RS 1W	220K Ω	R6,R21,R43,R44
0012	RA01539	metal-oxide-film resistor-RS 3W	220K Ω P type	R51
0013	RA01882	precise metal-oxide-film resistor-RS 1W	330k $\Omega \pm 1\%$	R22
0014	RA01847	precise metal-oxide-film resistor-RS 1W	39K Ω	R16
0015	RA01604	precise metal-oxide-film resistor-RS 1W	4.7K Ω	R30,R41
0016	RA01883	precise metal-oxide-film resistor-RS 2W	470.0 $\Omega \pm 1\%$	R47,R48
0017	RA01598	precise metal-oxide-film resistor-RS 1W	470K Ω	R12,R17,R34
0018	RA01594	precise metal-oxide-film resistor-RS 1W	47K Ω	R26,R42
0019	RA01881	precise metal-oxide-film resistor-RS 1W	68k $\Omega \pm 1\%$	R2,R32
0020	RA01603	precise metal-oxide-film resistor-RS 1W	82K Ω	R35
0021	CA00117	ceramic capacitor-RS	0.001uF/500V Y5P	C5,C10
0022	CF00212	metal-oxide-film capacitor-RS	0.022uF/400V 10%	C2,C4,C19,C23,C9,C11,C15,C16,C17,C24
0023	CF00033	metal-film capacitor MEF	0.1uF/250V 10%	C21,C22
0024	CB00366	electrolytic capacitor-RS	10uF/450V $\phi 13 \times 21$ mm	C3,C12,C30
0025	CF00046	metal-film capacitor MEF	1.0uF/250V 10%	C1,C8,C13,C18
0026	CB00326	electrolytic capacitor-RS	22000uF/25V $\phi 30 \times 35$ mm	C29
0027	CB00415	electrolytic capacitor-RS	22uF/450V 105 $^{\circ}$ C $\phi 16 \times 25$ mm	C27,C28
0028	CB00327	electrolytic capacitor-RS	22uF/100V $\phi 8 \times 12$ mm	C25
0029	CA00137	ceramic capacitor-RS	270PF/500V Y5P	C20
0030	CA00134	ceramic capacitor-RS	470PF/1000V Y5P	C6,C7,C14
0031	CB00416	electrolytic capacitor-RS	47uF/450V 105 $^{\circ}$ C $\phi 18 \times 25$ mm	C26
0032	RC00381	potentiometer	A1M Ω RV16A-20-15K-A1M-3	VR1,VR2,VR3,VR6,VR7
0033	RC00502	potentiometer	B25K Ω RV16A-20-15K-B25K-3	VR4,VR8
0034	RC00501	potentiometer	B250K Ω RV16A-20-15K-B250K-3	VR5
0035	RC00591	precise metal-oxide-film resistor-RS	B50K T1502N-AI-B503-0H03	VR9
0036	SA00159	rectifier diode	1A/1000V IN4007	D1,D2,D3,D4,D5,D7

Rank	Part No	Description	Specification	Insert Location
-0037	SA00005	bridge rectifier	4A/400V RS405	D6
-0038	HC01135	stereo MIC jack-RS	φ6.4 S-6351-4P	J1
-0039	HC00890	vacuum tube holder-RS	9PIN PCB (GZC9-B)	V1,V2,V3,V4,V5,V6,V7
-0040	RA00157	fixed resistor 1/4W	0Ω	JPO1
-0041	HI00008	relay	RY-12W-K 12V	RLY1,RLY2
-0042	AC00603	lead free soldering bar	S100	
-0043	HB03200	PCB-RS	JCA22H_MAIN_VER100809	
-0043	MA08801	panel-RS	JCA22H JET CITY_V1.0	
-0044	TC00473	transformer-RS	PT-JCA22H_100/120/240V_50/60Hz	
-0045	MH01857	separating shade	TUBE SHIELD-1(BELTON)	
-0046	MG00909	screw-RS	M5*12*0.8PH	
-0017	NC03051	box-RS	JCA20H 23#_V1.2	
-0018	NF03556	user manual-RS	JCA22H JET CITY_V1.0	
-0019	NE21047	label-RS	JCA22H_V1.1	
-0020	NE21046	label-RS	JCA22H_V1.0	
-0021	NB06922	carton-RS-CT	JCA22H JET CITY_V1.0	
-0022	NA00270	sponge-RS	ASHDOWN 140*140*140mm_V1.0	
-0023	NA00706	silk wadding-RS	TPS218NEO-SUB_V1.0	