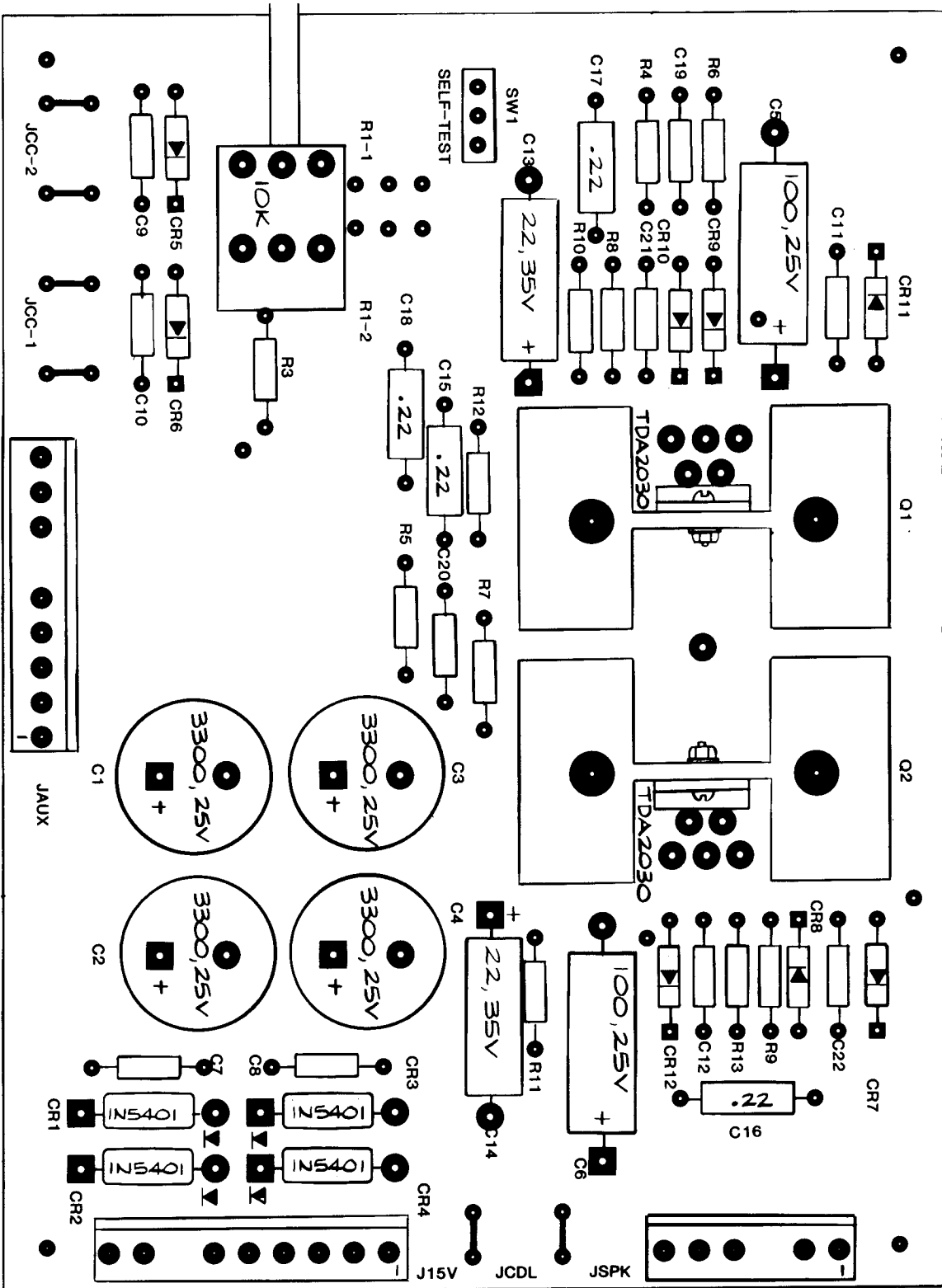


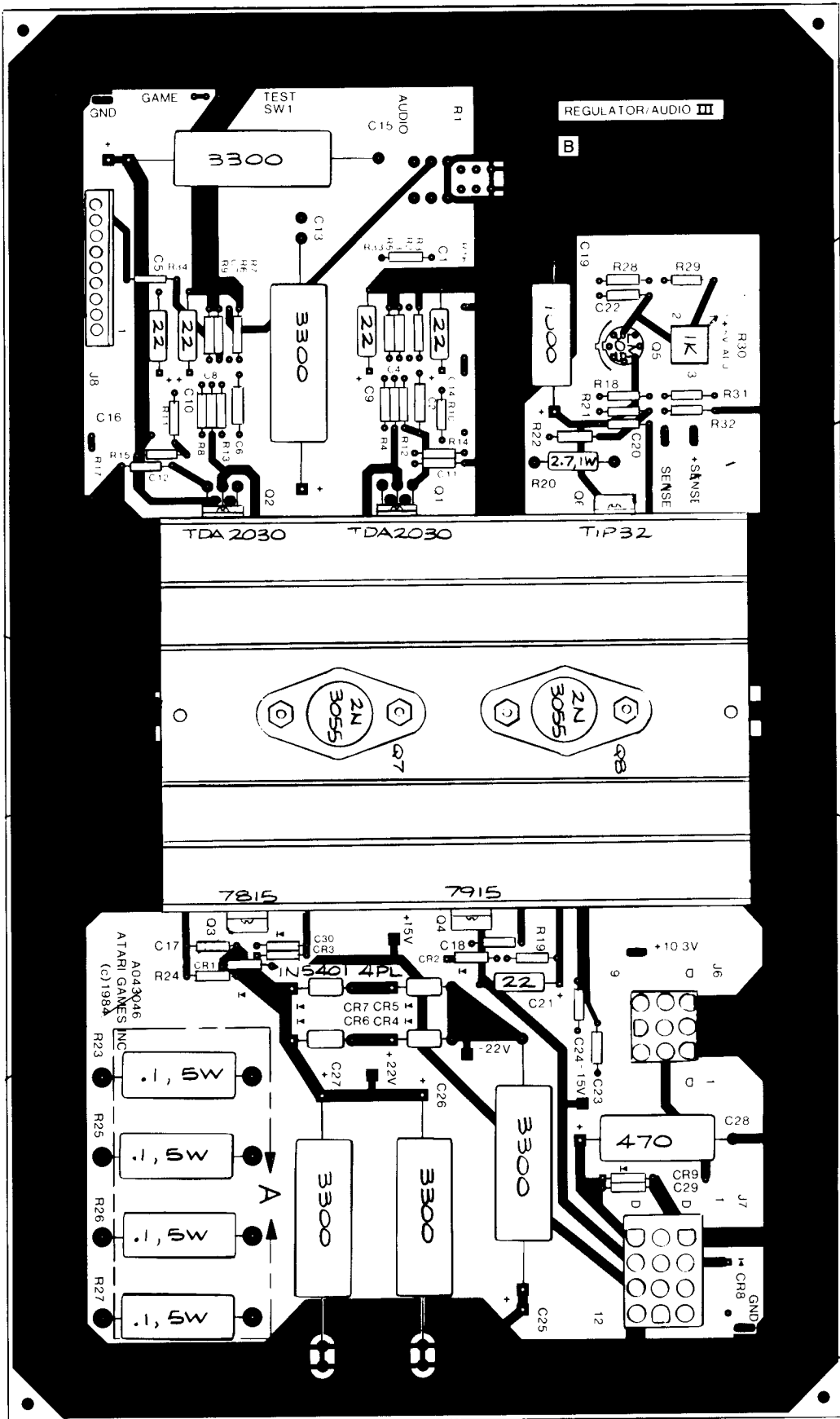
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**Figure 5-9 Audio PCB Assembly
 A043354-01 B**

Audio PCB Assembly Parts List

Designator	Description	Part No.
C1-C4	Capacitor, Electrolytic, 3300 μ f, 25 V	123003-338
C5, C6	Capacitor, Electrolytic, 100 μ f, 25 V	24-250107
C7-C12	Capacitor, Ceramic, .1 μ f, 25 V	122002-104
C13, C14	Capacitor, Electrolytic, 22 μ f, 35 V	24-350226
C15-C18	Capacitor, Ceramic, .22 μ f, 25 V	122006-224
C19, C20	Capacitor, Ceramic, .001 μ f, 25 V	122002-102
C21, C22	Capacitor, Ceramic, .1 μ f, 25 V	122002-104
CR1-4	Diode, 1N5401, 100 V, 3A	31-1N5401
CR5-12	Diode, 1N4001, 50 V	31-1N4001
J15V	Connector, Header, 9 Ckt., .156 Ctr.	179213-009
JAUX	Connector, Header, 9 Ckt., .156 Ctr.	179213-009
JCC-1, JCC-2	Term, Fast-on Tab, .187 \times .020	179051-001
JCDL	Term, Fast-on Tab, .187 \times .020	179051-001
JSPK	Connector, Header, 6 Ckt., .156 Ctr.	179213-006
Q1, Q2	Amplifier, TDA-2030	137301-001
R1	Resistor, Pot, 10 k Ω , Dual	119011-103
R3	Resistor, 10 Ω , \pm 5%, 1/4 W	110000-100
R4-R7	Resistor, 22 k Ω , \pm 5%, 1/4 W	110000-223
R8, R9	Resistor, 10 k Ω , \pm 5%, 1/4 W	110000-103
R10, R11	Resistor, 1 k Ω , \pm 5%, 1/4 W	110000-102
R12, R13	Resistor, 1 Ω , \pm 5%, 1/4 W	110000-010
SW1	Self-Test Switch, Slide, Miniature, SPDT	66-004
	Heat Sink, TO-220	178190-032
	Screw, Pan-Head, Cross-Recessed, #6-32 \times 3/8-Inch Long	72-1606S
	Nut/Washer Assy, #6-32	75-99516



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**Figure 5-10 Regulator/Audio III Printed-Circuit Board Assembly
A043046-01 C**

Regulator/Audio III Printed-Circuit Board Assembly Parts List

Designator	Description	Part No.
Capacitors		
C1	22 μ F, 35 V Electrolytic Capacitor	24-350226
C2	0.22 μ F, 25 V Ceramic Capacitor	122004-224
C3	0.001 μ F, 50 V Ceramic Capacitor	122002-102
C4	0.1 μ F, 50 V Ceramic Capacitor	122002-104
C5	22 μ F, 35 V Electrolytic Capacitor	24-350226
C6	0.22 μ F, 25 V Ceramic Capacitor	122004-224
C7	0.001 μ F, 50 V Ceramic Capacitor	122002-102
C8	0.1 μ F, 50 V Ceramic Capacitor	122002-104
C9, C10	22 μ F, 35 V Electrolytic Capacitor	24-350226
C11, C12	0.1 μ F, 50 V Ceramic Capacitor	122002-104
C13	3300 μ F, 35 V Electrolytic Capacitor	24-350338
C14	0.22 μ F, 25 V Ceramic Capacitor	122004-224
C15	3300 μ F, 35 V Electrolytic Capacitor	24-350338
C16	0.22 μ F, 25 V Ceramic Capacitor	122004-224
C17, C18	0.1 μ F, 50 V Ceramic Capacitor	122002-104
C19	1000 μ F, 25 V Electrolytic Capacitor	24-250108
C20	0.1 μ F, 50 V Ceramic Capacitor	122002-104
C21	22 μ F, 35 V Electrolytic Capacitor	24-350226
C22	0.001 μ F, 50 V Ceramic Capacitor	122002-102
C23, C24	0.1 μ F, 50 V Ceramic Capacitor	122002-104
C25-C27	3300 μ F, 35 V Electrolytic Capacitor	24-350338
C28	470 μ F, 25 V Electrolytic Capacitor	24-250477
C29, C30	0.1 μ F, 50 V Ceramic Capacitor	122002-104
Connectors		
J6	9-Position Header Connector	179069-009
J7	12-Position Header Connector	179069-012
J8	9-Position Polarized Header Connector with .156-Inch Centers	179213-009
Diodes		
CR1-CR3	Type-1N4002 Diode	31-1N4002
CR4-CR7	Type-1N5401 Rectifier Diode	31-1N5401
CR9	Type-1N4002 Diode	31-1N4002
Resistors		
R3	12 k Ω , \pm 5%, 1/4 W Resistor	110000-123
R4, R5	100 k Ω , \pm 5%, 1/4 W Resistor	110000-104
R7	12 k Ω , \pm 5%, 1/4 W Resistor	110000-123
R8, R9	100 k Ω , \pm 5%, 1/4 W Resistor	110000-104
R10, R11	1 k Ω , \pm 5%, 1/4 W Resistor	110000-102
R12, R13	100 k Ω , \pm 5%, 1/4 W Resistor	110000-104
R14, R15	10 k Ω , \pm 5%, 1/4 W Resistor	110000-103
R18	100 Ω , \pm 5%, 1/4 W Resistor	110000-101

(Continued on next page)

Regulator/Audio III Printed-Circuit Board Assembly Parts List, continued

Designator	Description	Part No.
R19	5.6 k Ω , \pm 5%, ¼ W Resistor	110000-562
R20	2.7 Ω , \pm 5%, 1 W Resistor	110009-027
R21	27 Ω , \pm 5%, ¼ W Resistor	110000-270
R22	100 Ω , \pm 5%, ¼ W Resistor	110000-101
R23	0.1 Ω , \pm 5%, 5 W Resistor	116007-001
R24	5.6 k Ω , \pm 5%, ¼ W Resistor	110000-562
R25-R27	0.1 Ω , \pm 5%, 5 W Resistor	116007-001
R28	2.7 Ω , \pm 5%, ¼ W Resistor	110000-027
R29	7.5 k Ω , \pm 5%, ¼ W Resistor	110000-752
R31	3.9 k Ω , \pm 5%, ¼ W Resistor	110000-392
R32	2.7 Ω , \pm 5%, ¼ W Resistor	110000-027
R33, R34	22 k Ω , \pm 5%, ¼ W Resistor	110000-223
Transistors		
Q6	TIP-32 Transistor	33-TIP32
Q7, Q8	Type-2N3055 Transistor	34-2N3055
Miscellaneous		
Q1, Q2	Type-TDA-2030 Amplifier	137301-001
Q3	Type-7815, + 15 V Regulator	37-7815
Q4	Type-7915, - 15 V Regulator	37-7915
Q5	Type-LM305 Regulator	37-LM305
R30	1k Horizontal Potentiometer	119002-102
(Q4, Q6)	Thermal Insulator	78-16014
(Q7, Q8)	Thermally Conductive Insulator	78-16008
	RTV Silicon Rubber Sealing Compound	78-13003
	Heat Sink	034531-01
	Test Point (Acceptable substitute is part no. 020670-01)	179051-002