

(X74-1060-01) SWEEP/HOR AMP UNIT

Q301~306, 309~316, 319~321: 2SC945(P), Q307, 323: 2SA733(Q), Q308, 322: 2SK30A(O), Q317, 318: 2SC107
D301, 302, 304~306, 308, 309, 311~315: 1S1555, D307: 1S1587, D316: STV-3H
IC301: TD3472AP, IC302: RC555DN, IC305: AN606

Q109~112, 119, 120, 123, 124, 130, 132, 133, 2SC945(P), Q113, 114, 125, 126, 131, 143, 144: 2SC535(C), Q115, 116: 2SC1628(Y)
Q117, 118: 2SA818(Y), Q121: E412S, Q122: 2SK30A(O), Q127~129: 2SA733(Q)
Q134~137: 2SC983(Y), Q138: 2SC1213(C), Q139: 2SC1419(C), Q140: 2SA755(C), Q141: 2SB536(2) LM
Q142: 2SD401(M), IC105: RC4558T
D105, 106, 114, 115: 1S1555, D107, 116: WZ-100, D108: Y16JA, D109~111: W06C, D112: 1S1705, D113: WZ-050
D117: WZ-090, D118, 119: SIQB60

PARTS LIST

PARTS LIST OF CS-1559

Ref. No.	Parts No.	Description
MISCELLANEOUS		
—	A01-0802-02	Case
—	A10-1402-02	Chassis
—	A20-2701-05	Panel
—	A21-0804-02	Ornamental panel
—	A23-1601-12	Rear panel
—	A40-0701-13	Bottom plate
—	B20-0901-04	Graticule
—	B30-0110-05	Lamp mounting
—	B40-2706-04	Model name plate
—	B40-2703-04	Name plate
—	B41-0701-04	Name plate (power source)
—	B50-2806-00	Instruction manual
—	E01-1403-05	CRT socket
—	E03-0201-05	Power connector
—	E04-0002-05	Receptacle, type BNC × 2
—	E13-0104-05	Phone jack
—	E13-0111-05	Phone jack (black)
—	E14-0101-05	Phone plug
—	E18-0106-05	Banana jack
—	E18-0107-05	Banana jack (black)
—	E23-0501-04	Grounding plate
—	E30-0551-15	Lead wire w/1P connector
—	E30-0554-15	Lead wire w/3P connector
—	E30-0555-15	Lead wire w/4P connector
—	E31-0502-05	Lead wire w/3P connector
—	E31-0507-05	Lead wire w/4P connector
—	E31-0532-05	Lead wire w/1P connector
—	F05-3011-05	Fuse (0.3A) × 3
—	F05-7011-05	Fuse (0.7A) × 2
—	F07-0901-04	Cover
—	F10-1501-04	Shield plate
—	F11-0230-13	Shield case
—	F11-0902-03	CRT shield
—	F15-0816-04	Felt (170 × 10)
—	F15-0701-04	Felt (420 × 20 × 52)
—	G02-0601-04	Spring
—	G13-0090-04	CRT mounting rubber × 2
—	G53-0601-04	Bezel bush
—	H01-2802-04	Packing case
—	H10-2801-03	Packing material, foamed styrene
—	H20-2801-03	Protection cover
—	H25-0029-04	Polyethylene bag
—	J02-0501-05	Rubber leg × 4
—	J10-0026-02	Bezel
—	J10-0030-03	Bezel assembly
—	J13-0033-15	Fuse holder
—	J19-0387-05	Wire clipp
—	J19-0457-04	CRT band (1)
—	J19-0458-04	CRT band (2)
—	J21-2801-03	Power transformer mounting hardware
—	J21-2802-04	P.C. Board mounting hardware
—	J21-2805-05	Grip mounting hardware
—	J30-0601-04	Spacer (variable resistor)
—	J42-0501-04	Bush
—	J61-0049-05	Cable band × 5

Ref. No.	Parts No.	Description
—	J61-0501-05	Support × 3
—	K21-0259-14	Knob × 3
—	K21-0283-04	Knob × 2
—	K21-0306-04	Knob × 7
—	K21-0801-04	Knob × 3
—	K29-0801-04	Knob × 5
—	K01-0501-05	GRIP ASSEMBLY
—	K01-0502-05	Grip (metallic)
—	K01-0503-05	Grip (molded)
—	L01-9006-15	Power transformer
L1,2	L40-3391-14	Ferri-inductor
VR3,VR3-2	R08-2501-05	Variable resistor
VR2,S1	R03-1021-05	Variable resistor
VR1	R05-9001-05	Variable resistor
S1	S59-2501-15	Power switch
—	X65-1150-00	Vertical, power unit (P.C. board)
—	X73-1190-01	Variable AMP (P.C. board)
—	X74-1060-01	Sweep circuit (P.C. board)
—	X77-1020-00	Voltage selector unit
—	X87-1180-01	Probe (PC-21)
—	W01-0058-04	Cord winder

PARTS LIST OF X73-1190-01

Ref. No.	Parts No.	Description
RESISTOR		
R421	PD14BY2E221J	Carbon 220Ω ±5% 1/4W
R422	PD14BY2E681J	Carbon 680Ω ±5% 1/4W
R424	RN14BK2E1820F	Metal film 182Ω ±1% 1/4W
R425	PD14BY2E100J	Carbon 10Ω ±5% 1/4W
R426	RN14BK2E1820F	Metal film 182Ω ±1% 1/4W
R427~429	PD14CY2E470J	Carbon 47Ω ±5% 1/4W
R430,431	PD14CY2E682J	Carbon 6.8kΩ ±5% 1/4W
R432	PD14BY2E561J	Carbon 560Ω ±5% 1/4W
CAPACITOR		
C421	CC45CH1H100D	Ceramic 10pF ±0.5pF
C422	CE04W1A470	Electrolytic 47μF 10WV
C423,424	C90-0298-05	Semiconductor ceramic 0.1μF +80% - 20%
C425	CE04W1A470	Electrolytic 47μF 10WV
SEMICONDUCTOR		
Q403,404		Transistor 2SC535-C
MISCELLANEOUS		
—	E23-0046-04	Terminal × 18
—	E31-0504-05	1P connector with lead
—	E31-0505-05	1P connector with lead
—	J25-2802-03	Printed circuit board
—	R12-0056-05	Variable resistor 100Ω (B)

PARTS LIST

PARTS LIST OF X65-1150-00

Ref. No.	Parts No.	Description
RESISTOR		
R150,151	PD14BY2E470J	Carbon 47Ω ±5% 1/4W
R152	RN14BK2H9003F	Metal film 900kΩ ±1% 1/4W
R153	RN14BK2H9903F	Metal film 990kΩ ±1% 1/4W
R154	RN14BK2H9993F	Metal film 999kΩ ±1% 1/2W
R155	RN14BK2E1113F	Metal film 111kΩ ±1% 1/4W
R156	RN14BK2E1012F	Metal film 10.1kΩ ±1% 1/4W
R157	RN14BK2E1001F	Metal film 1kΩ ±1% 1/4W
R158	RN14BK2H1004F	Metal film 1MΩ ±1% 1/2W
R159	PD14BY2E104J	Carbon 100kΩ ±5% 1/4W
R160~165	PD14CY2E101J	Carbon 100Ω ±5% 1/4W
R166	PD14CY2E102J	Carbon 1kΩ ±5% 1/4W
R167,168	PD14CY2E153J	Carbon 15kΩ ±5% 1/4W
R169,170	RN14BK2E8201F	Metal film 8.2kΩ ±1% 1/4W
R171,172	RN14BK2E4701F	Metal film 4.7kΩ ±1% 1/4W
R173,174	R92-0704-05	Metal film 560Ω ±1% 1/4W
R175	RN14BK2E7680F	Metal film 768Ω ±1% 1/4W
R176	RN14BK2E4020F	Metal film 402Ω ±1% 1/4W
R177	RN14BK2E1200F	Metal film 120Ω ±1% 1/4W
R178	PD14BY2E4R7J	Carbon 4.7Ω ±5% 1/4W
R179	PD14BY2E100J	Carbon 10Ω ±5% 1/4W
R180,181	R92-0705-05	Metal film 3.3kΩ ±1% 1/4W
R182,183	PD14BY2E470J	Carbon 47Ω ±5% 1/4W
R184	PD14BY2E220J	Carbon 22Ω ±5% 1/4W
R185	PD14BY2E102J	Carbon 1kΩ ±5% 1/4W
R186	PD14BY2E103J	Carbon 10kΩ ±5% 1/4W
R187~191	PD14BY2E472J	Carbon 4.7kΩ ±5% 1/4W
R193~198	PD14BY2E470J	Carbon 47Ω ±5% 1/4W
R199	PD14BY2E221J	Carbon 220Ω ±5% 1/4W
R200	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R201	PD14BY2E331J	Carbon 330Ω ±5% 1/4W
R202,203	PD14BY2E102J	Carbon 1kΩ ±5% 1/4W
R204,205	PD14BY2E222J	Carbon 2.2kΩ ±5% 1/4W
R206~208	PD14BY2E470J	Carbon 47Ω ±5% 1/4W
R209	PD14BY2E471J	Carbon 470Ω ±5% 1/4W
R210	PD14BY2E474J	Carbon 470kΩ ±5% 1/4W
R212,213	PD14BY2E472J	Carbon 4.7kΩ ±5% 1/4W
R214,215	PD14BY2E473J	Carbon 47kΩ ±5% 1/4W
R216,217	PD14BY2E331J	Carbon 330Ω ±5% 1/4W
R218,219	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R220,221	PD14BY2E124J	Carbon 120kΩ ±5% 1/4W
R222	PD14BY2H683J	Carbon 68kΩ ±5% 1/2W
R223,224	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R225	PD14BY2E331J	Carbon 330Ω ±5% 1/4W
R226,227	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R228,229	PD14BY2E103J	Carbon 10kΩ ±5% 1/4W
R230	PD14BY2E224J	Carbon 220kΩ ±5% 1/4W
R231	PD14BY2E104J	Carbon 100kΩ ±5% 1/4W
R232~235	R92-0146-05	Carbon 2.2MΩ ±5% 1/4W
R236	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R237	RC05GF2H105J	Carbon 1MΩ ±5% 1/2W
R238	RC05GF2H473J	Carbon 47kΩ ±5% 1/2W
R239,240	RC05GF2H226K	Carbon 22MΩ ±10% 1/2W
R241	PD14BY2E473J	Carbon 47kΩ ±5% 1/4W
R242	PD14BY2E471J	Carbon 470Ω ±5% 1/4W
R243	PD14BY2E472J	Carbon 4.7kΩ ±5% 1/4W
R244	PD14BY2E104J	Carbon 100kΩ ±5% 1/4W
R245	PD14BY2E470J	Carbon 47Ω ±5% 1/4W
R246	PD14BY2E102J	Carbon 1kΩ ±5% 1/4W
R247	PD14BY2E224J	Carbon 220kΩ ±5% 1/4W
R248	PD14BY2E473J	Carbon 47kΩ ±5% 1/4W
R249	PD14BY2E223J	Carbon 22kΩ ±5% 1/4W
R250,251	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R252,253	PD14BY2E102J	Carbon 1kΩ ±5% 1/4W
R254	PD14BY2E154J	Carbon 150kΩ ±5% 1/4W

Ref. No.	Parts No.	Description
R255	PD14BY2E683J	Carbon 68kΩ ±5% 1/4W
R256	PD14BY2E103J	Carbon 10kΩ ±5% 1/4W
R257	PD14BY2E153J	Carbon 15kΩ ±5% 1/4W
R259	PD14BY2E682J	Carbon 6.8kΩ ±5% 1/4W
R260	PD14BY2E2R1J	Carbon 2.2Ω ±5% 1/4W
R261	RN14BK2E4301F	Metal film 4.3kΩ ±1% 1/4W
R262	RN14BK2E8201F	Metal film 8.2kΩ ±1% 1/4W
R263	PD14BY2E332J	Carbon 3.3kΩ ±5% 1/4W
R264	PD14BY2E2R2J	Carbon 2.2Ω ±5% 1/4W
R265	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R266	PD14BY2E332J	Carbon 3.3Ω ±5% 1/4W
R267	PD14BY2E2R2J	Carbon 2.2Ω ±5% 1/4W
R268	PD14BY2E472J	Carbon 4.7Ω ±5% 1/4W
R269	PD14BY2E123J	Carbon 12kΩ ±5% 1/4W
R270	RN14BK2E3003F	Metal film 300kΩ ±1% 1/4W
R271	PD14BY2E221J	Carbon 220Ω ±5% 1/4W
R272,273	PD14BY2E220J	Carbon 22Ω ±5% 1/4W
R274	PD14BY2E102J	Carbon 1kΩ ±5% 1/4W
R275	PD14BY2E104J	Carbon 100kΩ ±5% 1/4W
R276,277	PD14BY2E470J	Carbon 47Ω ±5% 1/4W
R278	RN14BK2E1332F	Metal film 13.3kΩ ±1% 1/4W
R279,280	PD14BY2E221J	Carbon 220Ω ±5% 1/4W
R281	PD14BY2E223J	Carbon 22kΩ ±5% 1/4W
CAPACITOR		
C112	CE04W1E470	Electrolytic 47μF 25WV
C113	CK45E1H103P	Ceramic 0.01μF +100% -0%
C114	CE04W1E330	Electrolytic 33μF 25WV
C115	CK45E1H103P	Ceramic 0.01μF +100% -0%
C116	CC45CH1H100D	Ceramic 10pF ±0.5pF
C117	C90-0298-05	Semiconductor ceramic 0.1μF +80% -20%
C118	CC45CH1H180J	Ceramic 18pF ±5%
C119	CK45E1H103P	Ceramic 0.01μF +100% -0%
C121	C90-0021-05	0.1μF
C122	CM93D1H470JSD	Mica 47pF ±5%
C123	CM93D1H471JSD	Mica 470pF ±5%
C124	CQ93M1H222K	Polystyrene 2200pF ±10%
C125	CK45D2H332M	Ceramic 3300pF ±20%
C126	CK45E1H103P	Ceramic 0.01μF +100% -0%
C127	CC45CH1H100D	Ceramic 10pF ±0.5pF
C128	CC45SL1H330J	Ceramic 33pF ±5%
C129	CE04W1A101	Electrolytic 100μF 10WV
C130	CK45E1H103P	Ceramic 0.01μF +100% -0%
C131	CC45SL1H220J	Ceramic 22pF ±5%
C132	CE04W1A101	Electrolytic 100μF 10WV
C134,135	C90-0231-05	0.5pF
C136	CK45D2H103M	Ceramic 0.01μF ±20%
C137,138	CK45D2H332M	Ceramic 3300pF ±20%
C139,140	CK45D2H103M	Ceramic 0.01μF ±20%
C141	CK45E3D102P	Ceramic 100pF +100% -0%
C142~145	CK45E3D103P	Ceramic 0.01μF +100% -0%
C146	C90-0298-05	Semiconductor ceramic 0.1μF +80% -20%
C147	CK45E1H103P	Ceramic 0.01μF +100% -0%
C148	CE04W1H471	Electrolytic 470μF 50WV
C149	CQ93M1H223K	Polystyrene 0.022μF ±10%
C150	CK45D2H203M	Ceramic 0.01μF ±20%
C151,152	C90-0298-05	Semiconductor ceramic 0.1μF +80% -20%
C153	C90-0231-05	0.5pF
C154,155	CC45CH1H050D	Ceramic 5pF ±0.5pF
C156	CE02W2E010	Electrolytic 1μF 250WV
C157	CE04W1E330	Electrolytic 33μF 25WV
C158,159	CE04W1A101	Electrolytic 100μF 10WV
C160	CE04W1C470	Electrolytic 47μF 16WV
C161	CK45D2H103M	Ceramic 0.01μF ±20%

PARTS LIST

Ref. No.	Parts No.	Description
C162	CE04W1E102	Electrolytic 1000 μ F 25WV
C163	CE04W1E330	Electrolytic 33 μ F 25WV
C164	CE02W2E470	Electrolytic 47 μ F 250WV
C165	CE04W1E101	Electrolytic 1000 μ F 25WV
C168,169	CC45SL1H221J	Ceramic 220pF \pm 5%
C171	CC45CH2H030D	Ceramic 3pF 0.5pF

SEMICONDUCTOR

Q109~112		Transistor 2SC945-P
Q113,114		Transistor 2SC535-C
Q115,116		Transistor 2SC1628-Y
Q117,118		Transistor 2SA818-Y
Q119,120		Transistor 2SC945-P
Q121		Transistor E412S-B
Q122		Transistor 2SK30A-0
Q123,124		Transistor 2SC945-P
Q125,126		Transistor 2SC535-C
Q127~128		Transistor 2SA733-Q
Q130		Transistor 2SC945-P
Q131		Transistor 2SC535-C
Q132,133		Transistor 2SC945-P
Q134~137		Transistor 2SC983-Y
Q138		Transistor 2SC1213C
Q139		Transistor 2SC1419C
Q140		Transistor 2SA755-C
Q141		Transistor 2SB536 (2) LM
Q142		Transistor 2SD401
Q143,144		Transistor 2SC535-C
D105,106		Diode 1S1555
D107		Diode WZ100
D108		Diode Y16JA
D109~111		Diode W06C
D112		Diode 1S1705
D113		Diode WZ050
D114,115		Diode 1S1555
D116		Diode WZ100
D117		Diode WZ090
D118,119		Diode S1QB60
IC105		Integrated circuit RC4558T

MISCELLANEOUS

L101,102	L40-4701-03	Ferri-inductor 47 μ H
L103,104	L40-6801-03	Ferri-inductor 47 μ H
L107	L40-4711-03	Ferri-inductor 470 μ H
L108	L40-4791-02	Ferri-inductor 4.7 μ H

POTENTIOMETER

VR104	R12-1002-05	Semi-fixed resistor 1k Ω
VR105	R12-3004-05	Semi-fixed resistor 47k Ω
VR106	R12-6005-05	Semi-fixed resistor 330k Ω
VR107,108	R12-3004-05	Semi-fixed resistor 47k Ω
VR109	R12-1003-05	Semi-fixed resistor 2.2k Ω
VR111	R12-0050-05	Semi-fixed resistor 470 Ω
VR112	R01-0502-05	Variable resistor 500 Ω B
VR113	R12-0051-05	Semi-fixed resistor 150 Ω
VR115	R03-1502-05	Variable resistor 5k Ω A
TC104~106	C05-0065-05	Ceramic trimmer 6pF
TC110~113	C05-0066-05	Ceramic trimmer 10pF
N101		Neon lamp NE-2
N102		Neon lamp NE-2
S103	S32-4007-05	Rotary switch
S104	S29-2502-05	Rotary switch

Ref. No.	Parts No.	Description
T101	L19-0019-05	Transformer
P102	E40-0303-05	Connector 3P
P103	E40-0403-05	Connector 4P
P104	E40-0303-05	Connector 3P
P108	E40-0352-05	Connector 5P
P109	E40-0836-05	Connector 8P
P110	E40-0736-05	Connector 7P
	F01-0230-04	Heat sink
	F01-0231-04	Heat sink
	E23-0502-04	Grounding plate
	F11-0147-14	Shield case
	E23-0047-04	Terminal
	J25-2803-12	Printed circuit board

PARTS LIST OF X74-1060-01

Ref. No.	Parts No.	Description
RESISTOR		
R301	PD14BY2E102J	Carbon 1k Ω \pm 5% 1/4W
R302,303	PD14BY2E103J	Carbon 10k Ω \pm 5% 1/4W
R304	PD14BY2E104J	Carbon 100k Ω \pm 5% 1/4W
R305	PD14BY2E101J	Carbon 100 Ω \pm 5% 1/4W
R306	PD14BY2E682J	Carbon 6.8k Ω \pm 5% 1/4W
R307	PD14BY2E471J	Carbon 470 Ω \pm 5% 1/4W
R308	PD14BY2E682J	Carbon 6.8k Ω \pm 5% 1/4W
R309,310	PD14BY2E332J	Carbon 3.3k Ω \pm 5% 1/4W
R311,312	PD14BY2E223J	Carbon 22k Ω \pm 5% 1/4W
R313~315	PD14BY2E104J	Carbon 100k Ω \pm 5% 1/4W
R316	PD14BY2E822J	Carbon 8.2k Ω \pm 5% 1/4W
R317	PD14BY2E821J	Carbon 820 Ω \pm 5% 1/4W
R318	PD14BY2E102J	Carbon 1k Ω \pm 5% 1/4W
R319,320	PD14BY2E332J	Carbon 3.3k Ω \pm 5% 1/4W
R321	PD14BY2E152J	Carbon 1.5k Ω \pm 5% 1/4W
R322	PD14BY2E103J	Carbon 10k Ω \pm 5% 1/4W
R323	PD14BY2E683J	Carbon 68k Ω \pm 5% 1/4W
R324	PD14BY2E305F	Carbon 3M Ω \pm 5% 1/4W
R325	RN14BK2E1003F	Metal film 100k Ω \pm 1% 1/4W
R326	RN14BK2E3003F	Metal film 300k Ω \pm 1% 1/4W
R327	RN14BK2H5003F	Metal film 500k Ω \pm 1% 1/4W
R328	RN14BK2H1004F	Metal film 100k Ω \pm 1% 1/2W
R329	PD14BY2E101J	Carbon 100 Ω \pm 5% 1/4W
R330	PD14BY2E682J	Carbon 6.8k Ω \pm 5% 1/4W
R331	PD14BY2E103J	Carbon 10k Ω \pm 5% 1/4W
R336	PD14BY2E472J	Carbon 4.7k Ω \pm 5% 1/4W
R337,338	PD14BY2E153J	Carbon 15k Ω \pm 5% 1/4W
R339~344	PD14BY2E101J	Carbon 100 Ω \pm 5% 1/4W
R345,346	RN14AB3D153G-B	Metal film 15k Ω \pm 1% 2W
R347	RN14BK2E6800F	Metal film 680 Ω \pm 1% 1/4W
R348,349	PD14BY2E470J	Carbon 47 Ω \pm 5% 1/4W
R350,351	PD14BY2E101J	Carbon 100 Ω \pm 5% 1/4W
R353	PD14BY2E101J	Carbon 100 Ω \pm 5% 1/4W
R354	PD14BY2E682J	Carbon 6.8k Ω \pm 5% 1/4W
R355	PD14BY2E472J	Carbon 4.7k Ω \pm 5% 1/4W
R356	PD14BY2E103J	Carbon 10k Ω \pm 5% 1/4W
R357	PD14BY2E152J	Carbon 1.5k Ω \pm 5% 1/4W
R358	PD14BY2E332J	Carbon 3.3k Ω \pm 5% 1/4W
R359	PD14BY2E123J	Carbon 12k Ω \pm 5% 1/4W
R360	PD14BY2E153J	Carbon 15k Ω \pm 5% 1/4W
R361	PD14BY2E223J	Carbon 22k Ω \pm 5% 1/4W
R363	PD14BY2E473J	Carbon 47k Ω \pm 5% 1/4W
R364	PD14BY2E472J	Carbon 4.7k Ω \pm 5% 1/4W

PARTS LIST

Ref. No.	Parts No.	Description
R365	PD14BY2E223J	Carbon 22kΩ ±5% 1/4W
R366	PD14BY2E472J	Carbon 4.7kΩ ±5% 1/4W
R367	PD14BY2E103J	Carbon 10kΩ ±5% 1/4W
R368	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R369	PD14BY2E473J	Carbon 47kΩ ±5% 1/4W
R370	PD14BY2E682J	Carbon 6.8kΩ ±5% 1/4W
R371	PD14BY2E102J	Carbon 1kΩ ±5% 1/4W
R372	PD14BY2E103J	Carbon 10kΩ ±5% 1/4W
R373	PD14BY2E154J	Carbon 150kΩ ±5% 1/4W
R374	PD14BY2E101J	Carbon 100Ω ±5% 1/4W
R375	PD14BY2E223J	Carbon 22kΩ ±5% 1/4W
R376	PD14BY2E102J	Carbon 1kΩ ±5% 1/4W
R377	PD14BY2E104J	Carbon 100k ±5% 1/4W
R378	RN14AB3D683J-B	Metal film 68kΩ ±5% 2W
R379	RN14BK2E1003F	Metal film 100kΩ ±1% 1/4W
R380	PD14BY2E103J	Metal film 10kΩ ±5% 1/4W
R381	PD14BY2E103J	Carbon 10kΩ ±5% 1/4W
R383	PD14BY2E682J	Carbon 6.8kΩ ±5% 1/4W
R384	PD14BY2E222J	Carbon 2.2kΩ ±5% 1/4W
R385	PD14CY2E103J	Carbon 10kΩ ±5% 1/4W
R386	PD14CY2E102J	Carbon 1kΩ ±5% 1/4W
R387	PD14CY2E101J	Carbon 100Ω ±5% 1/4W
R388	PD14CY2E103J	Carbon 10kΩ ±5% 1/4W
R389	PD14BY2E182J	Carbon 1.8kΩ ±5% 1/4W
R390	PD14BY2E182J	Carbon 2.7kΩ ±5% 1/4W
R391,392	PD14CY2E492J	Carbon 4.7kΩ ±5% 1/4W

CAPACITOR

C301~303	CE04W1H010	Electrolytic 1μF 50WV
C304,305	CK45E1H103P	Ceramic 0.01μF +100% -0%
C306	C90-0320-05	Ceramic 47μF
C307	C90-0321-05	Ceramic 4700pF
C308	CC45CH1H330J	Ceramic 33pF ±5%
C309	CC45CH1H221J	Ceramic 220pF ±5%
C310	CS15E1ER22M	Tantalum 0.22μF 25WV
C311	CQ93M1H222K	Polystyrene 2200pF ±10%
C312	CC45CH1H330J	Ceramic 33pF ±5%
C316,317	C90-0298-05	Semiconductor Ceramic 0.1μF +80% -20%
C318,319	CE04W1A221	Electrolytic 220μF 10WV
C320,321	CK45E1H103P	Ceramic 0.01μF +100% -0%
C322	CE04W1C221	Electrolytic 220μF 16WV
C323	CK45D2H103M	Ceramic 0.01μF ±20%
C324	CQ93M1H152K	Polystyrene 1500pF ±10%
C325	CC45SL1H561K	Ceramic 560pF ±10%
C326~328	CK45E1H103P	Ceramic 0.01μF +100% -0%
C329	CE04W1A101	Electrolytic 100μF 10WV
C330	CE04W1A470	Electrolytic 47μF 10WV
C331	CQ93M1H472K	Polystyrene 4700pF ±10%
C332,333	CE04W1H010	Electrolytic 1μF 50WV
C334	CC45CH1H050D	Ceramic 5pF ±0.5pF
C335,336	CK45E1H103P	Ceramic 0.01μF +100% -0%
C338	CK45E1H103P	Ceramic 0.01μF +100% -0%
C339	CQ93M1H222K	Polystyrene 2200pF ±10%
C340	CE04W1C471	Electrolytic 470μF 16WV
C341	CE04W2E010	Electrolytic 1μF 250WV

SEMI-CONDUCTOR

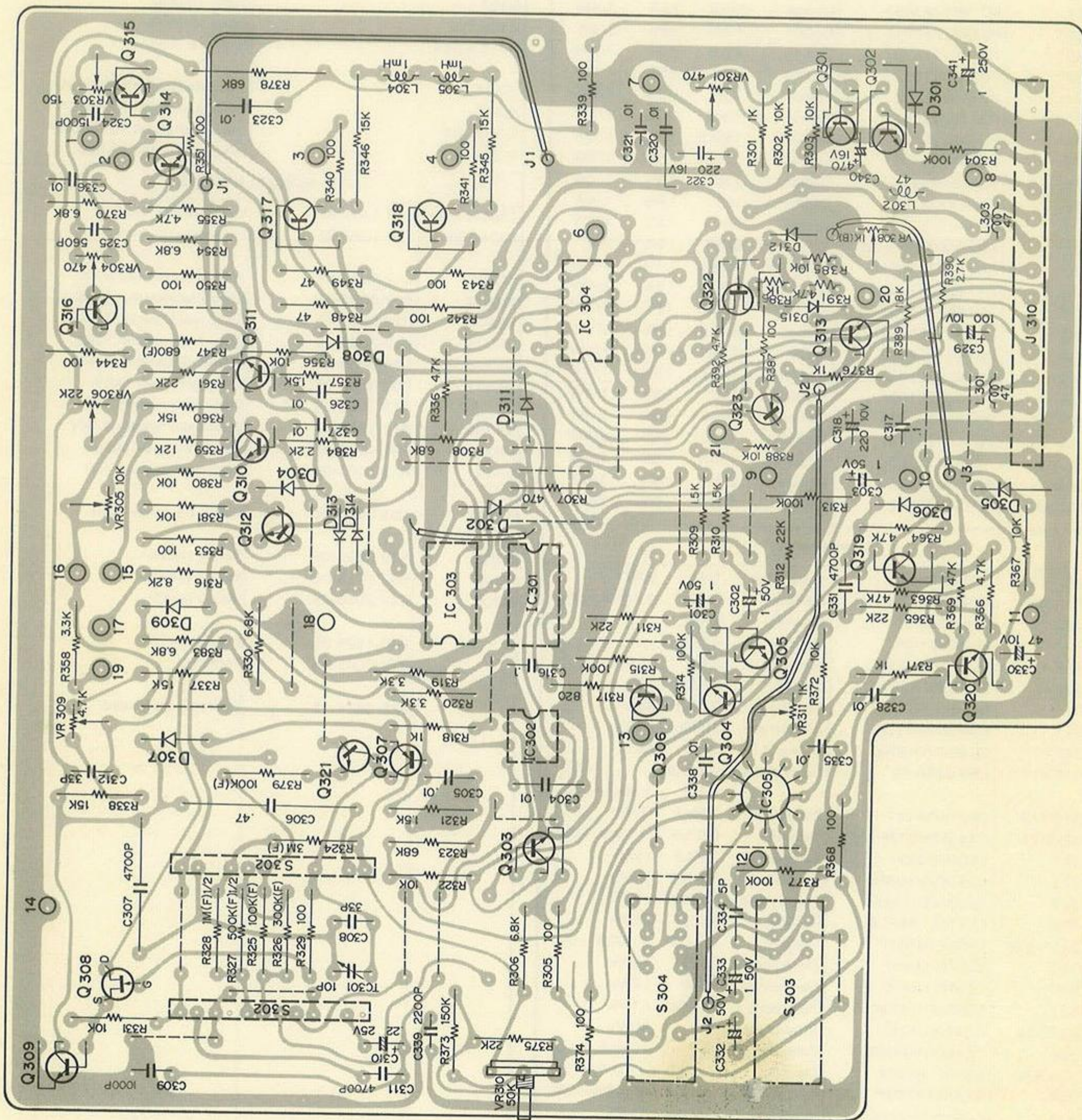
Q301~306		Transistor 2SC945P
Q307		Transistor 2SA733Q or R
Q308		Transistor 2SK30A-0
Q309~316		Transistor 2SC945P
Q317,318		Transistor 2SC1507
Q319~321		Transistor 2SC945P
Q322		FET, 2SK30A-0
Q323		Transistor 2SA733Q

Ref. No.	Parts No.	Description
D301,302		Diode 1S1555
D304~306		Diode 1S1555
D307		Diode 1S1587
D308,309		Diode 1S1555
D311~315		Diode 1S1555
IC301		Integrated circuit TD3472AP
IC302		Integrated circuit RC555DN
IC303,304		Integrated circuit TD3400AP
IC305		Integrated circuit AN606

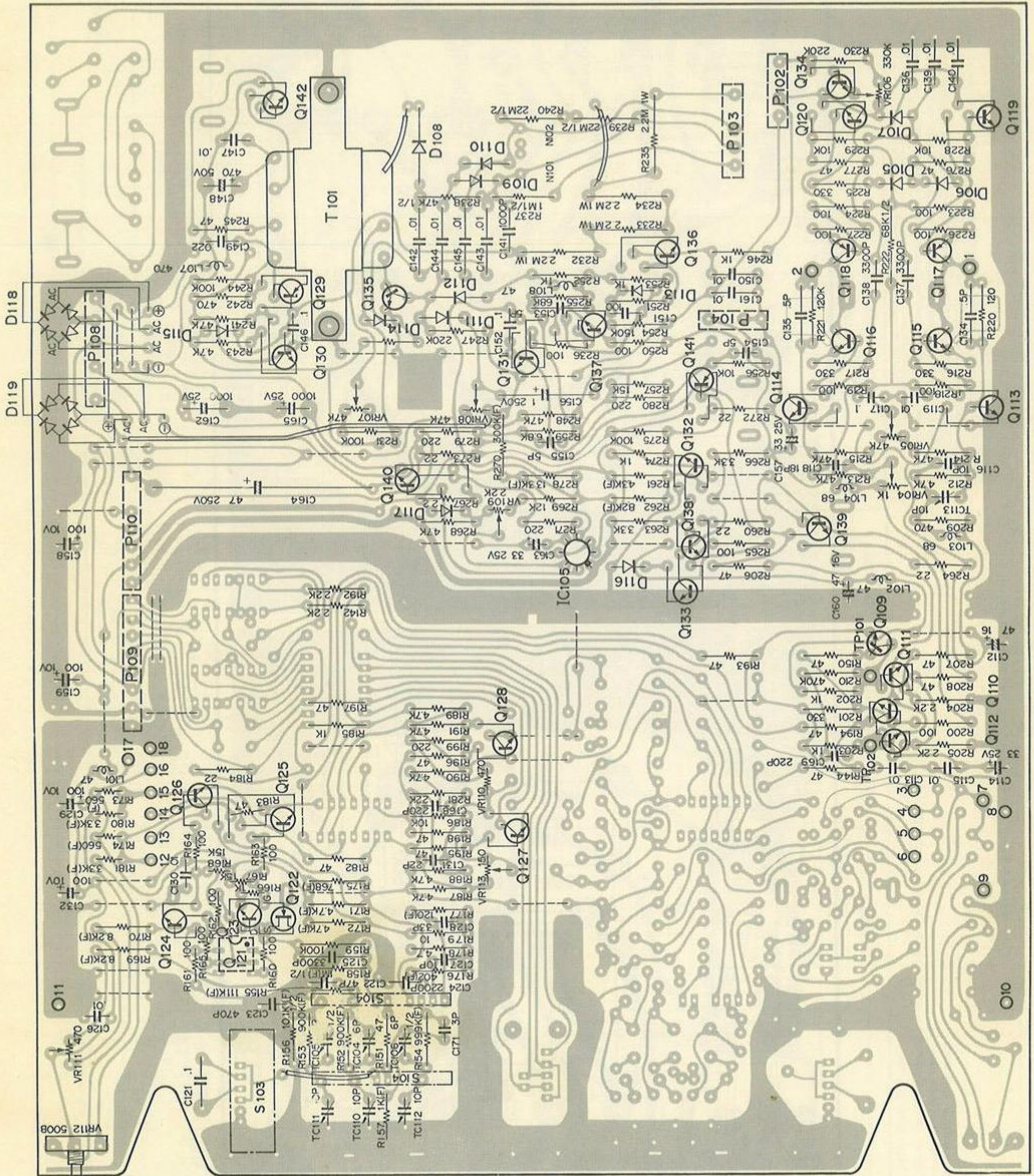
MISCELLANEOUS

L301~304	L40-4701-03	Ferri-inductor 47μF
L304,305	L40-1092-03	Ferri-inductor 1mH
VR301	R12-0003-05	Semi-fixed resistor 470Ω
VR303	R12-0051-05	Semi-fixed resistor 150Ω
VR304	R12-0003-05	Semi-fixed resistor 470Ω
VR305	R12-3002-05	Semi-fixed resistor 10kΩ
VR306	R12-3005-05	Semi-fixed resistor 22kΩ
VR307	R08-9502-05	Variable resistor 5kΩB
VR308	R12-1002-05	Semi-fixed resistor 1kΩ
VR309	R12-1004-05	Semi-fixed resistor 4.7kΩ
VR310	R01-4024-05	Variable resistor 50kΩB
VR311	R12-1002-05	Semi-fixed resistor 1kΩ
TC301	C05-0066-05	Ceramic trimmer 10pF
S302	S29-2503-05	Rotary switch
S303	S32-2013-05	Rotary switch
S304	S37-2005-05	Rotary switch
	E40-1506-05	Connector 14P
	E23-0047-04	Terminal
	J25-2804-13	Printed circuit board

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