



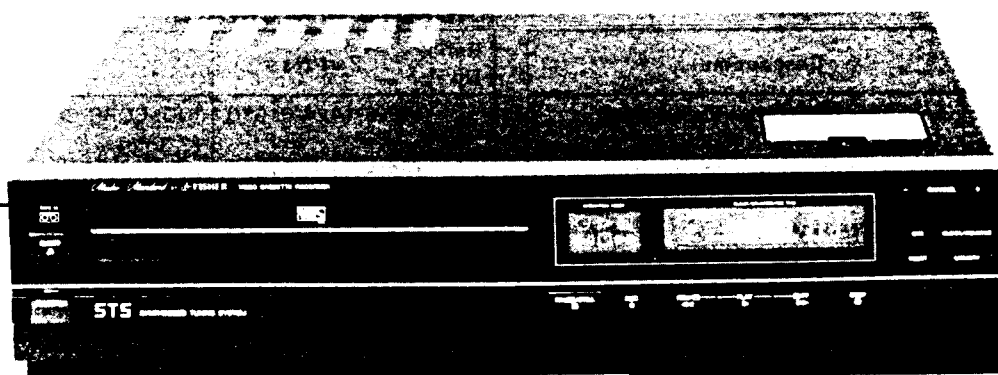
FISHER[®]

FVH-P905K

**(CHAMPAGNE GOLD)
(BLACK)**

(EUROPE)

VIDEO CASSETTE RECORDER



TECHNICAL SPECIFICATIONS

General Specifications		Terminals	
Television system	PAL standard colour (system B & G) & CCIR monochrome signals 625 lines	Aerial	DIN (socket)
Recording system	Rotary helical scan system with two video heads one stationary head for normal track monaural sound	RF output	DIN (plug)
Format	VHS PAL standard	Video input/output	RCA connector
Tape width	12.7 mm	Audio input/output	RCA connector
Tape speed	23.39 mm/sec.	Electrical Specifications	
Recording time	240 minutes with E-240 cassette	Video output	1 volt (pp) / 75Ω
Tape loading system	Automatic loading	Video input	0.5—2.0 Volt (pp) / 75Ω
Tuner	Voltage synthesizer tuner with sequential channel selection. Channel Up (+) / Down (—) selection with remote control 30 programme memories	Audio output	316 mV (—10 dBV) / 600Ω
Tuner channels	VHF: #2—#12, S1—S23 UHF: #21—#69	Audio input	316 mV (—10 dBV) / 50kΩ
RF converter output	UHF channel 36 (30—39 adjustable)	Video S/N ratio	45 dB
Time indication	24-hour display system	Audio frequency response	50—10.000 Hz (normal sound)
Timer	14-day / 2 programme	Audio S/N ratio	42 dB
Tape counter	Separate 4-digit electronic display	Other Specifications	
Auto rewind system	Activated at end of tape	Power requirement	220VAC, 50Hz
		Power consumption	32 Watts
		Dimensions (W×H×D)	440mm × 99mm × 365mm
		Weight	7.3 Kg (approximate)

FISHER reserves the right to modify product designs and specifications without notice and without incurring any obligation.

PARTS LIST

PRODUCT SAFETY NOTICE

The components designated by a symbol (Δ) in this schematic diagram designates components whose value are of special significance to product safety. Should any component designated by a symbol need to be replaced, use only the part designated in the Parts List.

Do not deviate from the resistance, wattage and voltage ratings shown.

ACCESSORIES

Ref No	Part No.	Description
or	143-6-2704-41300	FAN BAG ASSY(ACC)(Plastic Bag) (C.Gold)
	143-6-2704-39400	FAN BAG ASSY(ACC)(Plastic Bag) (Black)
	143-6-2714-00700	ENVELOPE-HAC
	4-1924-01080	WIRELESS REMOTE CONTROL RC-905F (C.Gold)
	4-1924-00960	WIRELESS REMOTE CONTROL RC-905B (Black)
	4-2394-00030	CONNECTOR CABLE DIN
	4-2394-00035	CONNECTOR CABLE DIN
	143-6-2704-39500	FAN BAG ASSY(MANUAL)(Plastic Bag)
	143-6-2714-00200	ENVELOPE
	143-6-4114-25600	INSTRUCTION MANUAL
	143-6-4124-13500	INSTRUCTION CARD
	143-6-4724-02700	CAUTION SHEET-SE

PACKING MATERIALS

Ref No	Part No.	Description
	143-6-1424-01910	IND. CORR CARTON-EWP905KB (C.Gold)
	143-6-1424-01901	IND. CORR CARTON-EWP905K (Black)
	143-6-2514-02500	IND. POLY COVER-HAR
	143-6-3114-03300	TOP. INNER CUSHION-HAR
	143-6-3114-03400	BOT. INNER CUSHION-HAR

NOTE: Parts order must contain Model Number, Part Number and Description.

WIRELESS REMOTE CONTROL UNIT RC-905F (C.Gold) RC-905B (Black)

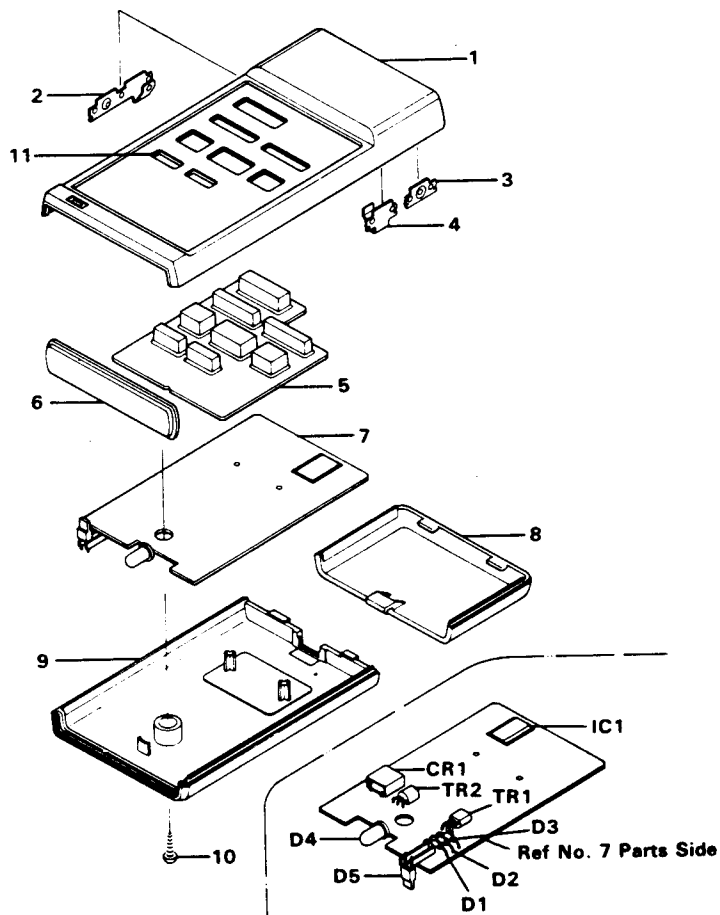
Ref No	Part No.	Description
	4-1924-01080	Wireless Remote Control RC-905F (C.Gold)
	4-1924-00960	Wireless Remote Control RC-905B (Black)
1	143-0-9964-07001	Case, Upper-RC (C.Gold)
	143-0-9964-06901	Case, Upper-RC (Black)
2	143-0-9964-01701	Battery, Holder A-RC
3	143-0-9964-01702	Battery, Holder B-RC
4	143-0-9964-01703	Battery, Holder C-RC
5	143-0-9964-01704	Button-RC
6	143-0-9964-01705	Filter-RC
7	143-0-9964-01706	PC Assy-RC
8	143-0-9964-07003	Battery, Lid-RC (C.Gold)
	143-0-9964-06903	Battery, Lid-RC (Black)
9	143-0-9964-07002	Case, Lower-RC (C.Gold)
	143-0-9964-06902	Case, Lower-RC (Black)
10	143-0-9964-01709	Screw, M2.6X8-RC
11	143-0-9964-02903	Decoration, Plate-RC

Ref No	Part No.	Description
		(DIODES)
D1	143-0-9964-00314	DS442-RC
or	143-0-9964-00314	1S2076-RC
D2	143-0-9964-00314	DS442-RC
or	143-0-9964-00314	1S2076-RC
D3	143-0-9964-00314	DS442-RC
or	143-0-9964-00314	1S2076-RC
D4	143-0-9964-01012	DIODE LD-274-RC
or	143-0-9964-01012	DIODE SLR-932A-RC
D5	143-0-9964-00313	LED SLP-159B-50-RC
CR1	143-0-9964-00320	RESONATOR 455kHz-RC
		(IC)
IC1	143-0-9964-00317	μPD1943G-RC
		(RESISTORS)
R4	R2ESPJ103A	CARBO 100Ω 1/4W
R5	R2ESPJ1R0A	CARBO 1Ω 1/4W
R6	R2ESPJ150A	CARBO 15Ω 1/4W
		(TRANSISTORS)
TR1	143-0-9964-00316	TR 2SC536-RC
or	143-0-9964-00316	TR 2SC945(P)-RC
TR2	143-0-9964-01011	TR 2SD734-RC
or	143-0-9964-01011	TR 2SC2120(Y)-RC

ELECTRICAL PARTS

Ref No	Part No.	Description
		(CAPACITORS)
C1	C1ALEM107A	ELECT 100μF 10V
C2	C1HYDK101B	CERAM 100pF 50V
C3	C1HYDK101B	CERAM 100pF 50V

NOTE: Parts order must contain Model Number, Part Number and Description.

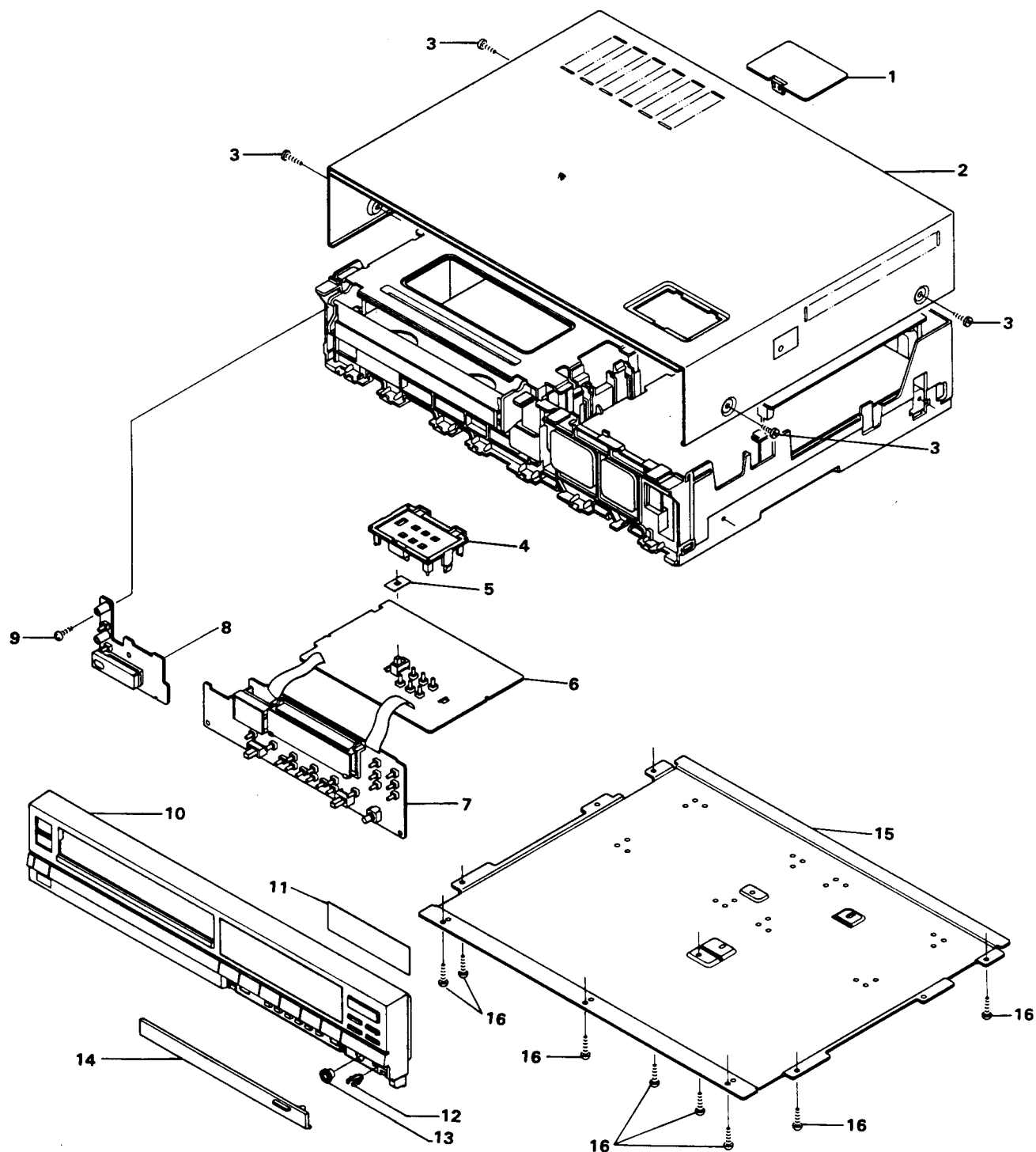


CABINET PARTS (1)

Ref No	Part No.	Description
1	143-2-1454-02301	Door, Preset-HAR-A1 (C.Gold)
	143-2-1454-02300	Door, Preset-HAR (Black)
2	143-0-1254-00405	Top Cover Assy-HAR-G (C.Gold)
	143-0-1254-00401	Top Cover Assy-HAR-B (Black)
3	116-3-1704-01214	Screw, Bind Hd Tapping B-Tite +M4X12 (C. Gold)
	116-3-1704-01218	Screw, Bind Hd Tapping B-Tite 4X12 (Black)
4	143-0-1204-00600	Case Preset Assy-HAR
5	143-2-3704-00900	Switch, Insulator Cover-HAJ
6	0-4014-03860	Vol Syn PC Assy
7	0-4014-03892	Front Right PC Assy

Ref No	Part No.	Description
8	0-4014-03870	Front Left PC Assy
9	103-3-1903-01019	Screw, Brazier Hd Tapping +M3X10
10	143-0-1104-01706	Cabinet Front Assy-HAR-H (C.Gold)
	143-0-1104-01701	Cabinet Front Assy-HAR-B (Black)
11	143-2-1504-08100	Filter, FL-HAR
12	143-2-3404-14300	Door, Lock-HAR
13	143-2-1704-22300	Knob, Tracking-HAR
14	143-2-1454-02201	Door, Front-HAR-A1 (C.Gold)
	143-2-1454-02200	Door, Front-HAR (Black)
15	143-2-1354-00800	Bottom, Cover-HAR
16	116-3-1903-01218	Screw, Brazier Hd Tapping B-Tite 3X12

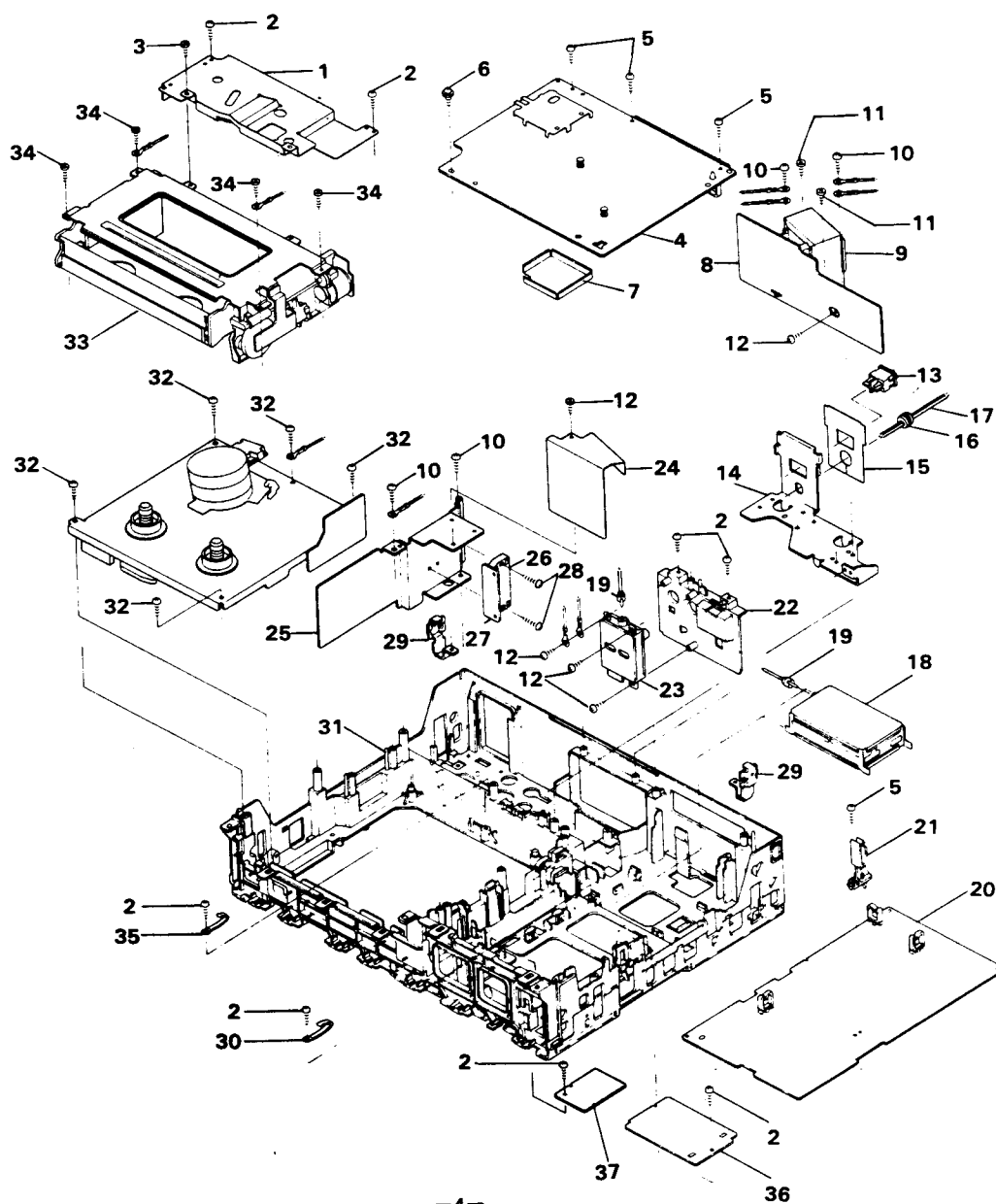
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CABINET PARTS (2)

Ref No	Part No.	Description	Ref No	Part No.	Description
1	143-2-3504-11600	Shield, Plate-HAR	19	0-4034-00070	Wire Shield Assy
2	103-3-1903-01011	Screw, Brazier Hd Tapping +M3×10	20	0-4014-03911	Syscon Servo PC Assy
3	101-3-1703-00611	Screw, Bind Hd Machine +M3×6	21	143-2-3404-14400	Holder, P.C.B.-HAR
4	0-4014-03645	Video, Audio PC Assy	22	143-2-1204-02000	Rear, Terminal Board-HAR-B
5	103-3-1903-01219	Screw, Brazier Hd Tapping 3×12	23	4-1164-04932	RF, Converter
6	143-2-5804-03200	Flange, Screw M3×8	or	4-1164-06932	RF, Converter
7	143-2-3504-09200	Shield, Case Top-HAK	24	143-2-3604-02200	Insulator, Cover-HAR
8	0-4014-03840	Power A, PC Assy	25	143-2-7904-02800	Radiator-HAR
9	4-2514-01202	Power, Transformer	26	IGSTK5461ST	H/B, IC STK5461ST
10	103-3-1904-01211	Screw, Brazier Hd Tapping +M4×12	27	0-4014-03850	Power B, PC Assy
11	116-3-1704-00811	Screw, Bind Hd Tapping B-Tite +M4×8	28	103-3-1903-51611	Screw, Brazier Hd Tapping +M3.5×16
12	103-3-1903-00811	Screw, Brazier Hd Tapping +M3×8	29	143-2-3404-14500	Bracket, Top Cover-HAR
13	4-2314-00750	See, Saw Switch	30	143-2-5854-02500	Wire, Clamp-HBC
14	143-2-3404-14600	Bracket, Power Unit-HAR	31	143-0-1304-01001	Cabinet Bottom Assy-HAR-B
15	143-2-1954-07200	Power, Indicator Sheet-HAR	32	103-3-1804-01211	Screw, Tras Hd Tapping +M4×12
16	143-2-6104-03800	HEYCO, Bush SR-4N-4	33	143-0-7304-07900	Stage, Complete-E
17	0-4054-00090	Power Cord Assy (EUR)	34	103-3-1703-01211	Screw, Bind Hd Tapping +3×12
or	0-4054-00091	Power Cord Assy (EUR)	35	143-2-5854-00400	Wire, Clamp
or	0-4054-00092	Power Cord Assy (EUR)	36	0-4014-04390	Video High Quality PC Assy
18	4-1154-13230	Tuner, IF Unit	37	0-4014-04460	Video Sub PC Assy

NOTE: Parts order must contain Model Number, Part Number and Description.

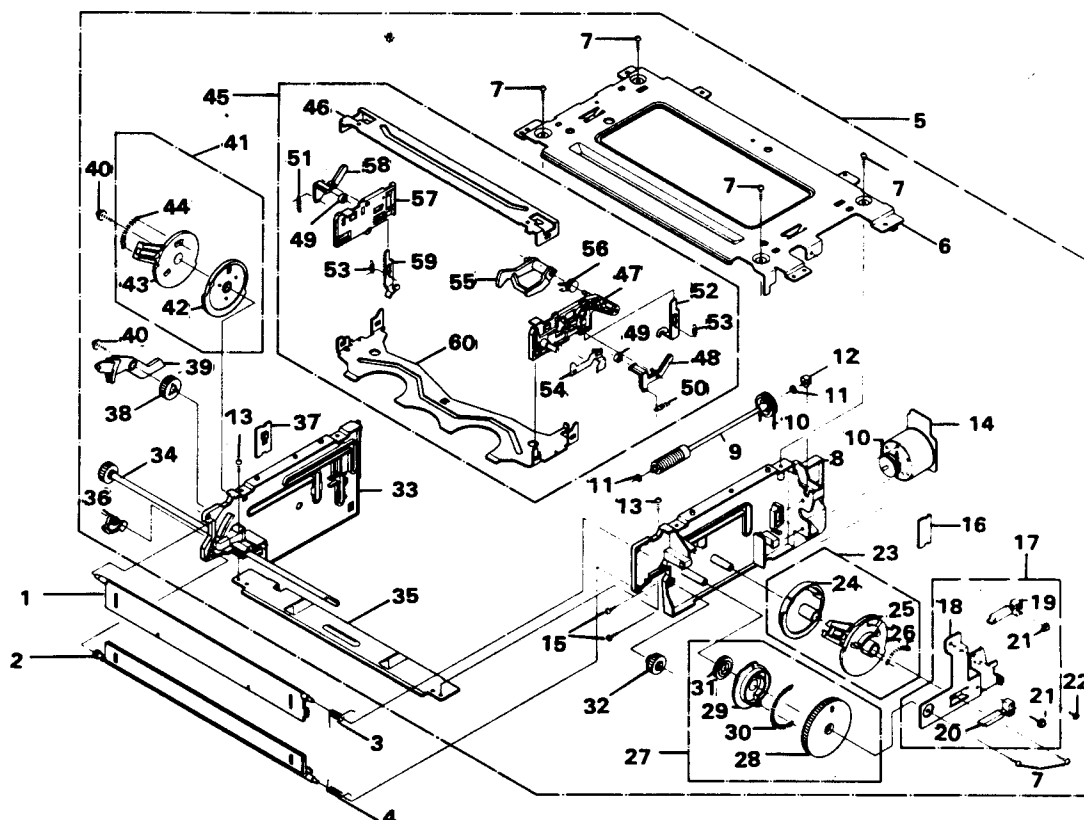


CHASSIS PARTS (1)

Ref No	Part No.	Description
1	143-2-7304-22000	Flap, Upper-HAR
2	143-0-7304-08600	Flap Lower Assy
3	143-2-6804-02900	Spring, Flap Upper
4	143-2-6804-02800	Spring, Flap Lower
5	143-0-7304-08000	Stage, Complete-FL-E
6	143-2-7304-20200	Board, Top
7	116-3-1302-60811	Screw, Pan Hd Tapping B-Tite +M2.6X8
8	143-2-7304-20000	Board, Side-Right
9	143-0-4904-02900	Worm Gear Assy
10	143-2-7504-01100	Belt, Front Load
11	143-2-6304-03100	Washer, 6X3.1X0.5
12	143-2-7304-21100	Support, Shaft Worm
13	118-3-1302-60411	Screw, Pan Hd Tapping S-Tite +M2.6X4
14	4-5254-00430	Front, Loading Motor
15	101-3-1302-60411	Screw, Pan Hd Machine +M2.6X4
16	0-4014-04000	EST PC Assy
17	143-0-7304-08400	Plate, Switch Complete
18	143-2-7304-21500	Plate, Switch
19	0-4064-00415	Start Switch Assy
20	0-4064-00425	Stop Switch Assy
21	136-3-1302-00911	Screw, Pan Hd Machine Combination Spring Washer & Plain Washer +M2X9
22	118-3-1702-60411	Screw Bind Hd Tapping S-Tite +M2.6X4
23	143-0-4904-03100	Gear, Lever Right Complete
24	143-2-4904-04100	Gear, Lever-Right
25	143-2-4904-04000	Gear, Swing-Right
26	143-2-6604-07700	Spring, Gear Lever-Right
27	143-0-4904-03000	Worm, Wheel Complete
28	143-2-4904-03800	Worm, Wheel

Ref No	Part No.	Description
29	143-2-4904-03900	Gear, Support Wheel
30	143-2-6604-07400	Spring, Gear Load
31	143-2-7304-21400	Gear, Plate Stopper
32	143-2-4904-04200	Gear, Couple-Right
33	143-2-7304-20100	Board Side-Left
34	143-0-5404-00100	Rod Couple Assy
35	143-2-7304-22100	Board, Bottom
36	143-2-7304-21700	Gear, Flap Opener
37	0-4014-03990	ESS PC Assy
38	143-2-4904-04400	Gear, Idler-Left
39	143-2-7304-21600	Lever, Flap Opener
40	143-2-5804-04300	Flange, Screw 2.6X10
41	143-0-4904-03200	Gear, Lever-Left Complete
42	143-2-4904-04600	Gear, Lever-Left
43	143-2-4904-04500	Gear, Swing-Left
44	143-2-6604-07500	Spring, Gear Lever-Left
45	143-0-7304-08100	Tray, Complete
46	143-0-7304-08300	Upper Tray Assy
47	143-0-7304-08200	Tray Side Right Assy
48	143-2-7304-20900	Clamper-Right
49	143-2-6504-01000	Pad, Clamper
50	143-2-6604-07100	Spring, Clamper-Right
51	143-2-6604-07200	Spring, Clamper-Left
52	143-2-7304-20700	Plate, Fix Cassette-Right
53	143-2-6604-07300	Spring, Plate Fix Cassette
54	143-2-6904-02900	Spring, Cassette Flap
55	143-2-7304-21200	Lid, Opener
56	143-2-6804-02700	Spring, Lid Opener
57	143-2-7304-20400	Board, Tray Side-Left
58	143-2-7304-21000	Clamper-Left
59	143-2-7304-20800	Plate, Fix Cassette-Left
60	143-2-7304-20500	Tray

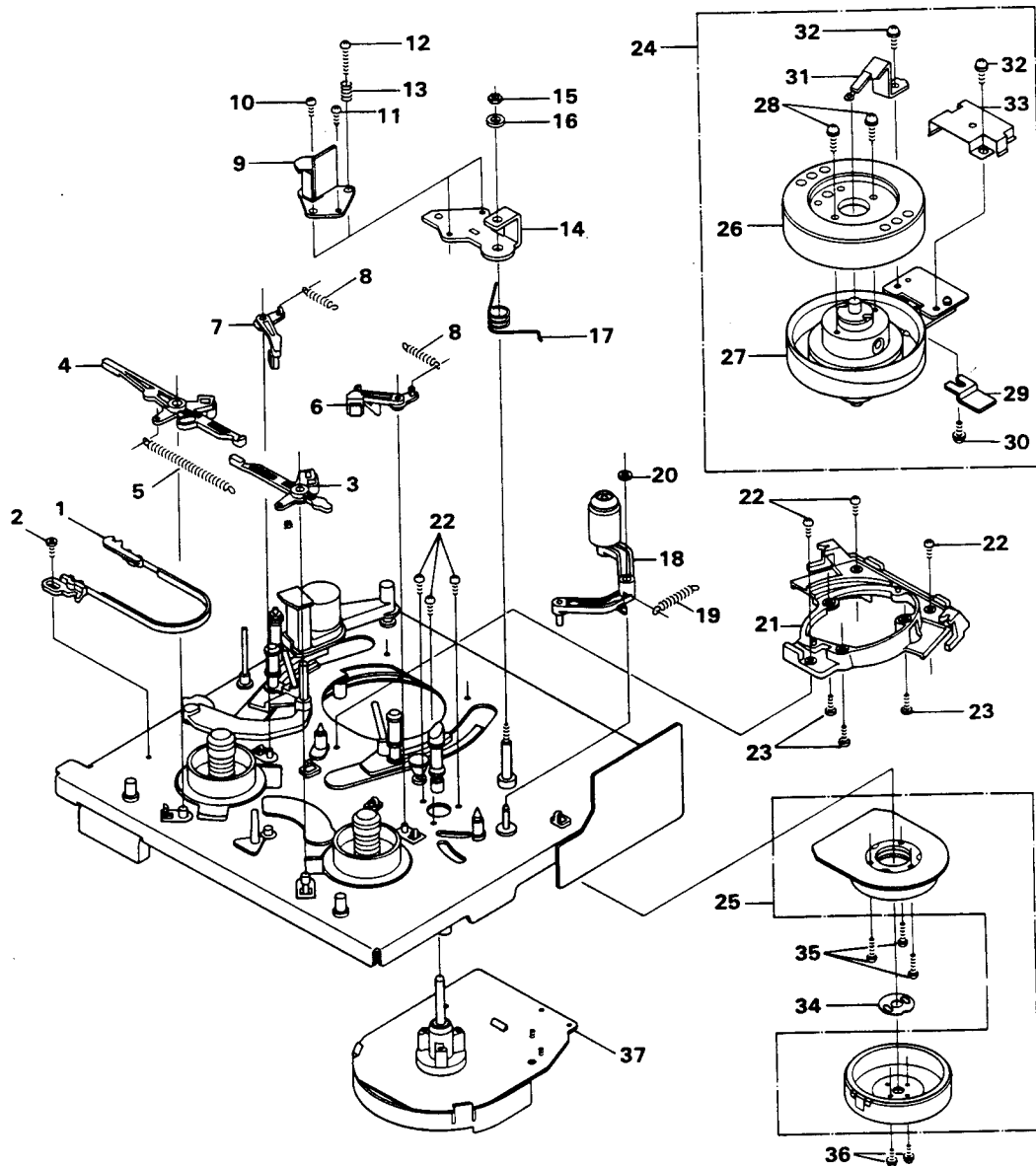
NOTE: Parts order must contain Model Number, Part Number and Description.



CHASSIS PARTS (2)

Ref No	Part No.	Description	Ref No	Part No.	Description
1	143-2-5204-01500	Band, Brake	19	143-2-6604-04400	Spring, Pinch Tension
2	101-3-1702-60411	Screw, Bind Hd Machine +M2.6×4	20	143-2-6304-01800	Washer, Stopper 2.5×6×0.25
3	143-0-5204-00700	Main Brake Take-Up Assy	21	143-0-3404-02200	Base Cylinder Assy
or	143-0-5204-01400	Main Brake Take-Up Assy	22	101-3-1302-60611	Screw, Pan Hd Machine +M2.6×6
4	143-0-5204-00600	Main Brake Supply Assy	23	101-3-1703-00611	Screw, Bind Hd Machine +M3×6
or	143-0-5204-01300	Main Brake Supply Assy	24	143-0-4704-03700	Cylinder, Complete
5	143-2-6604-02800	Spring, Main Brake	25	4-5254-00390	Cylinder, Motor
6	143-0-5204-00500	Sub Brake Take-Up Assy	26	143-0-4704-01000	Cylinder Upper Assy
or	143-0-5204-01200	Sub Brake Take-Up Assy	27	143-0-9934-00500	Cylinder Service Assy
7	143-0-5204-00400	Sub Brake Supply Assy	28	143-2-5804-00700	Screw, M3×8
or	143-0-5204-01100	Sub Brake Supply Assy	29	4-2454-00050	Dew, Heater
8	143-2-6604-04300	Spring, Sub Brake	30	135-3-1303-00411	Screw, Pan Hd Machine Combination +M3×4
9	4-2424-00300	Audio, Control Erase Hd	31	143-0-4704-02000	Earth Plate Assy
10	143-2-5804-02306	Screw, Convex	32	143-2-5804-00300	Screw, M3×6
11	143-2-5804-02300	Set, Screw	33	143-2-3504-09000	Shield, Case
12	101-3-1302-61211	Screw, Pan Hd Machine +M2.6×12	34	143-2-4704-03100	Spacer, Motor
13	143-2-6704-01600	Spring, Azimuth	35	143-2-5804-01000	Screw, M2.3×10
14	143-2-5104-11100	Base, Audio Control Erase Hd	36	143-2-5804-03000	Screw, Pan Hd Machine Combination +M2.3×5
15	106-3-1103-00011	Nut, M3.0	37	4-5254-00380	Capstan, Motor
16	143-2-6204-09100	Spacer			
17	143-2-6704-03200	Spring, Tangential Adjust			
18	143-0-4604-01000	Pinch Roller Final Assy			

NOTE: Parts order must contain Model Number, Part Number and Description.

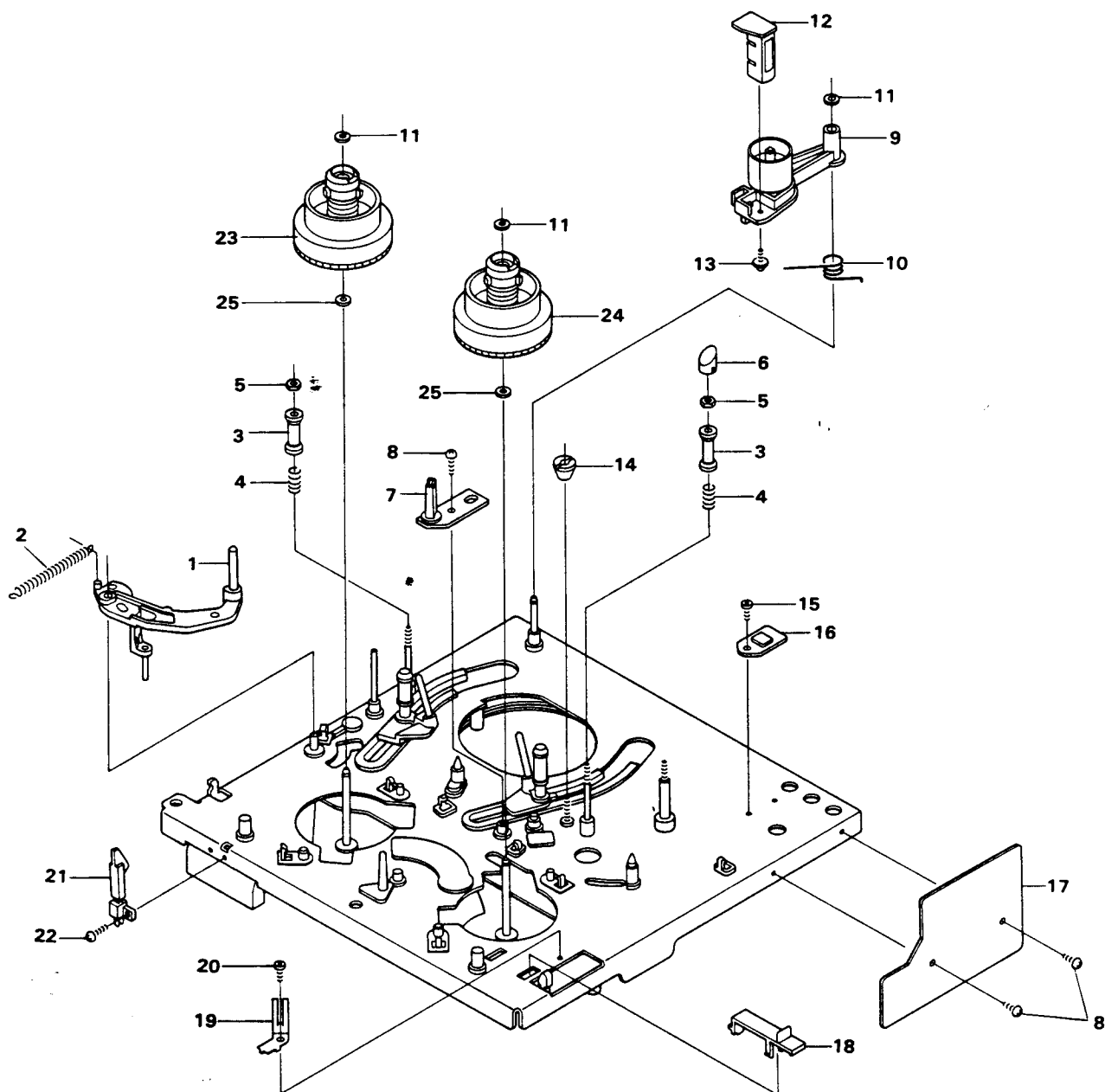


CHASSIS PARTS (3)

Ref No	Part No.	Description
1	143-0-5104-02700	Arm Tension Assy
or	143-0-5104-02800	Arm Tension Assy
or	143-0-5104-03200	Arm Tension Assy
2	143-2-6604-04200	Spring, Arm Tension
3	143-2-7704-01800	Guide, Tape
4	143-2-6704-00500	Spring, Adjust Guide
5	106-3-1103-00011	Nut, M3.0
6	143-2-7704-00700	Cap, Guide Tape
7	0-4014-01154	End LED PC Assy
8	119-3-1302-60611	Screw, Pan Hd Tapping Del-Tite +M2.6X6
9	143-0-5104-03100	Arm, Impedance Roller Complete
or	143-0-5104-03500	Arm, Impedance Roller Complete
10	143-2-6804-01600	Spring, Arm Impedance
11	143-2-6304-01800	Washer, Stopper 2.5X6X0.25
12	4-2424-00310	Full, Erase Hd
13	136-3-1302-00511	Screw, Pan Hd Machine Combination Spring Washer & Plain Washer +M2X5

Ref No	Part No.	Description
14	143-2-5704-00400	Nut, Tangential
or	143-2-5704-00700	Nut, Tangential
15	116-3-1702-60611	Screw, Bind Hd Tapping B-Tite +M2.6X6
16	143-0-3404-02900	Dew Sensor Assy
17	0-4014-03920	Mecha Terminate PC Assy
18	143-2-5104-06500	Lever, Cassette Switch
19	143-2-6904-03100	Spring, Earth
20	101-3-1702-60411	Screw, Bind Hd Machine +M2.6X4
21	0-4064-00295	Safety Switch Assy
22	101-3-1302-60511	Screw, Pan Hd Machine +M2.6X5
23	143-0-4104-00800	Reel Supply Assy
or	143-0-4104-01000	Reel Supply Assy
24	143-0-4104-00900	Reel Take-Up Assy
or	143-0-4104-01100	Reel Take-Up Assy
25	143-2-6304-02900	Washer, 6X3.1X0.3
or	143-2-6304-03000	Washer, 6X3.1X0.4
or	143-2-6304-03100	Washer, 6X3.1X0.5

NOTE: Parts order must contain Model Number, Part Number and Description.

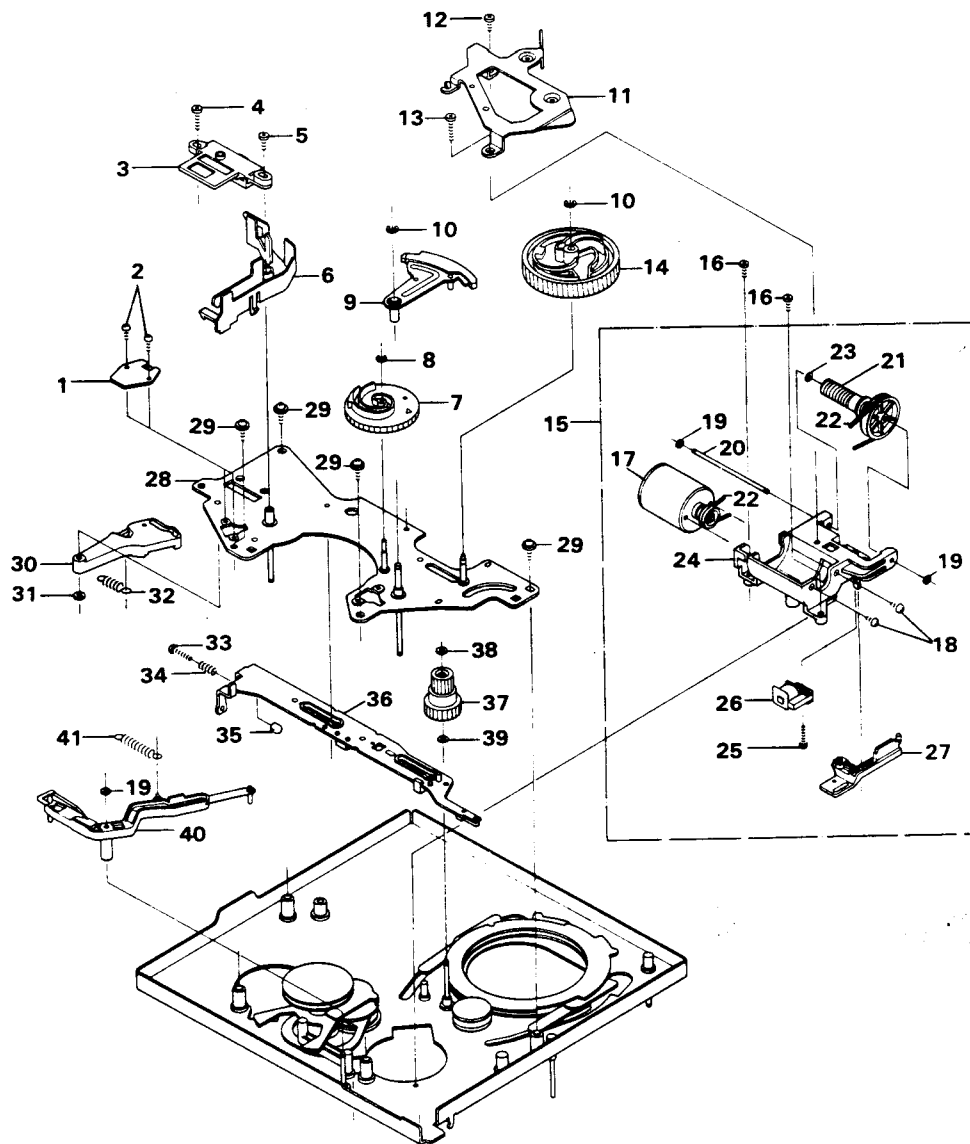


CHASSIS PARTS (4)

Ref No	Part No.	Description
1	0-4014-01168	Counter PC Assy
2	101-3-1302-00311	Screw, Pan Hd Machine +M2X3
3	4-2314-00251	Mode, Select Switch
4	101-3-1702-60811	Screw, Bind Hd Machine +M2.6X8
5	101-3-1702-60511	Screw, Bind Hd Machine +M2.6X5
6	143-2-3404-14000	Wire, Clamp
7	143-2-7804-01000	Cam, Loading Gear
8	112-3-1301-50040	E-Ring, M1.5
9	143-0-4904-02600	Gear Sector Assy
10	112-3-1302-50040	E-Ring, M2.5
11	143-2-3404-14100	Protector
12	101-3-1702-60411	Screw, Bind Hd Machine +M2.6X4
13	101-3-1702-62511	Screw, Bind Hd Machine +M2.6X25
14	143-0-9954-00201	Master, Cam
15	143-0-3404-03700	Loading, Drive Complete
16	101-3-1702-60611	Screw, Bind Hd Machine +M2.6X6
17	4-5254-00420	Loading, Motor
or	4-5254-00421	Loading, Motor
18	101-3-1303-00411	Screw, Pan Hd Machine +M3X4
19	143-2-6304-01500	Washer, Stopper 1.5X4X0.25
20	143-2-5504-02000	Pin, Worm
21	143-0-4904-02500	Worm Gear Assy
22	143-2-7504-01000	Belt, Loading
23	143-2-6304-00300	Washer, 2.1X5X0.25

Ref No	Part No.	Description
24	143-2-3404-13900	Bracket, Loading
25	116-3-1302-01011	Screw, Pan Hd Tapping B-Tite +M2X10
26	4-2644-00045	Latch, Coil
27	143-0-5104-05600	Rack Assy
28	143-0-3404-03500	Bracket Reel Assy
or	143-0-3404-03800	Bracket Reel Assy
29	143-2-5804-02508	Screw, Pan Hd Tapping Del-Tite +M2.6X8
30	143-2-7804-00200	Actuator, Cam
or	143-2-7804-00400	Actuator, Cam
31	143-2-6304-01800	Washer, Stopper 2.5X6X0.25
32	143-2-6604-04600	Spring, Actuator Cam
33	101-3-1302-61211	Screw, Pan Hd Machine +M2.6X12
34	143-2-6704-02400	Spring, Stopper
35	143-2-6104-02600	Cap, Stopper
36	143-0-5104-01600	Main Plate Assy
or	143-0-5104-01601	Main Plate Assy
37	143-0-9954-00202	Gear, Loading Take-Up
38	143-2-6304-02100	Washer, Stopper 1.5X4X0.5
39	143-2-6304-00600	Washer, 2.1X4X0.25
40	143-0-5104-05700	Arm, Idler Control Complete
41	143-2-6604-04100	Spring, Arm Control

NOTE: Parts order must contain Model Number, Part Number and Description.

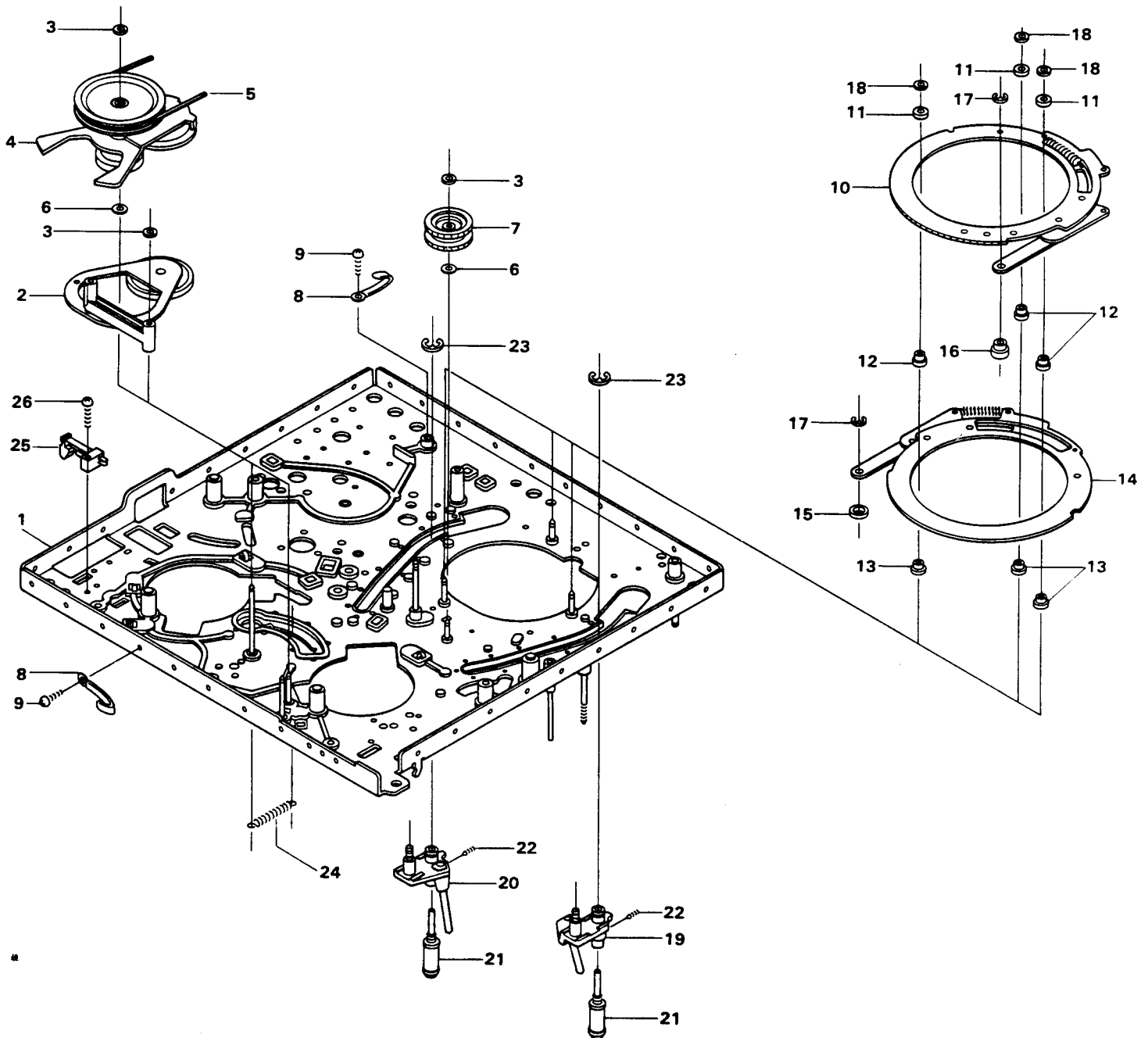


CHASSIS PARTS (5)

Ref No	Part No.	Description
1	143-0-3104-00700	Chassis Assy
or	143-0-3104-00800	Chassis Assy
2	143-0-4204-00400	Idler, Complete
3	143-2-6304-01500	Washer, Stopper 1.5X4X0.25
4	143-0-4904-02400	Gear, Idler Complete
5	143-2-7504-00400	Belt, Drive
or	143-2-7504-00600	Belt, Drive
6	143-2-6304-00600	Washer, 2.1X4X0.25
7	143-2-4904-00800	Gear, Loading Supply
8	143-2-5854-00300	Wire, Clamp
9	119-3-1302-60611	Screw, Pan Hd Tapping Del-Tite +M2.6X6
10	143-0-4904-02300	Ring, Loading Supply Complete
or	143-0-4904-02800	Ring, Loading Supply Complete
11	143-2-4804-01200	Roller, Lower
12	143-2-4804-01100	Roller, Center

Ref No	Part No.	Description
13	143-2-4804-01000	Roller, Upper
14	143-0-4904-02200	Ring, Loading Take-Up Complete
or	143-0-4904-02700	Ring, Loading Take-Up Complete
15	143-2-5604-02600	Spacer, Take-Up
16	143-2-5604-02500	Spacer, Supply
17	112-3-1302-00040	E-Ring, M2.0
18	143-2-6304-01600	Washer, Stopper 1.6X5X0.5
19	143-0-5104-02900	Base Guide Roller Supply Assy
20	143-0-5104-00900	Base Guide Roller Take-Up Assy
21	143-0-7704-00400	Guide Roller Assy
or	143-0-7704-00600	Guide Roller Assy
22	115-3-3502-00386	Screw, Cone Type Hex +M2X3
23	112-3-1304-00040	E-Ring, M4.0
24	143-2-6604-04500	Spring, Idler
25	0-4064-00681	Cassette Switch Assy
26	101-3-1302-00811	Screw, Pan Hd Machine +M2X8

NOTE: Parts order must contain Model Number, Part Number and Description.



NOTE:

Capacitor and Resistor Materials are abbreviated as follows:

ALSIC.....Alsicon Capacitor
CARBO.....Carbon
CERAM.....Ceramic Capacitor
ELECT.....Electrolytic Capacitor
FUSE.....Fuse Resistor
METAL.....Metal Oxide Metal Film
MYLAR.....Mylar Film Capacitor
M-FIL.....Metal Film Capacitor
PPCON.....Polypropylene Capacitor
SEMI.....Semiconductor Capacitor

Capacitor and Resistor Tolerances are noted as follows:

D..... $\pm 0.5\mu\text{F}$
F..... $\pm 1\%$
J..... $\pm 5\%$
K..... $\pm 10\%$
M..... $\pm 20\%$
Z..... $+80\% - 20\%$

VIDEO CIRCUIT P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-03645	VIDEO PC ASSY
	0-4030-00450	1P CORD ASSY D
	4-2374-00070	1P TERMINAL-D
	4-2374-04800	INPUT REAR TERMINAL BOARD
	143-2-3504-09100	SHIELD CASE-HAK
	143-2-3504-12000	SHIELD CASE BOTTOM-HAR
		(CAPACITORS)
C2001	C1HCDJ470RH	CERAM 47pF 50V J
C2003	C1EBDK103SR	SEMI 0.01 μF 25V K
C2004	C1EBDK223SR	SEMI 0.022 μF 25V K
C2005	COJLEM476A	ELECT 47 μF 6.3V M
C2006	COJLEM476A	ELECT 47 μF 6.3V M
C2007	C1EBDK223SR	SEMI 0.022 μF 25V K
C2008	C1EBDK473SR	SEMI 0.047 μF 25V K
C2011	COJLEM107A	ELECT 100 μF 6.3V M
C2012	C1EBDK223SR	SEMI 0.022 μF 25V K
C2013	C1EUEK104A	ALSIC 0.1 μF 25V K
C2014	C1EBDK333SR	SEMI 0.033 μF 25V K
C2015	C1EBDK223SR	SEMI 0.022 μF 25V K
C2016	C1EBDK223SR	SEMI 0.022 μF 25V K
C2017	C1EBDK223SR	SEMI 0.022 μF 25V K
C2018	C1HCDJ220RH	CERAM 22pF 50V J
C2021	C1EBDK223SR	SEMI 0.022 μF 25V K
C2022	C1EBDK223SR	SEMI 0.022 μF 25V K
C2023	C1EBDK223SR	SEMI 0.022 μF 25V K
C2024	C1HLEM105A	ELECT 1 μF 50V M
C2025	C1EBDK103SR	SEMI 0.01 μF 25V K
C2026	C1HCDJ471SL	CERAM 470pF 50V J
C2027	COJLEM227A	ELECT 220 μF 6.3V M
C2028	C1EBDK473SR	SEMI 0.047 μF 25V K
C2031	C1HLEM105A	ELECT 1 μF 50V M
C2032	C1HCDJ220CH	CERAM 22pF 50V J
C2033	C1HCDJ220CH	CERAM 22pF 50V J
C2034	C1HLEM105A	ELECT 1 μF 50V M
C2035	C1HLEM105A	ELECT 1 μF 50V M
C2036	C1EBDK333SR	SEMI 0.033 μF 25V K
C2037	C1EBDK473SR	SEMI 0.047 μF 25V K
C2038	C1ALEM476A	ELECT 47 μF 10V M
C2041	C1EBDK473SR	SEMI 0.047 μF 25V K
C2042	C1EBDK473SR	SEMI 0.047 μF 25V K

Schematic Location	Part No.	Description
C2043	C1EBDK473SR	SEMI 0.047 μF 25V K
C2044	C1EBDK473SR	SEMI 0.047 μF 25V K
C2045	C1HLEM105A	ELECT 1 μF 50V M
C2046	C1EBDK473SR	SEMI 0.047 μF 25V K
C2047	C1HLEM474A	ELECT 0.47 μF 50V M
C2048	C1EAEM475A	ELECT 4.7 μF 25V M
C2049	C1HCDJ101SL	CERAM 100pF 50V J
C2051	COJLEM477A	ELECT 470 μF 6.3V M
C2052	C1ALEM226A	ELECT 22 μF 10V M
C2053	C1ALEM336A	ELECT 33 μF 10V M
C2054	C1ALEM226A	ELECT 22 μF 10V M
C2057	C1CLEM106A	ELECT 10 μF 16V M
C2061	C1ELEM475A	ELECT 4.7 μF 25V M
C2062	C1HCDJ180RH	CERAM 18pF 50V J
C2063	C1EAEM475A	ELECT 4.7 μF 25V M
C2064	C1ALEM226A	ELECT 22 μF 10V M
C2065	C1EBDK223SR	SEMI 0.022 μF 25V K
C2066	C1HCDJ120RH	CERAM 12pF 50V J
C2067	C1EBDK103SR	SEMI 0.01 μF 25V K
C2068	C1HCDJ220RH	CERAM 22pF 50V J
C2071	C1EBDK223SR	SEMI 0.022 μF 25V K
C2072	C1HCDJ561SL	CERAM 560pF 50V J
C2073	C1HCDJ271SL	CERAM 270pF 50V J
C2074	C1ALEM336A	ELECT 33 μF 10V M
C2075	C1HCDJ270RH	CERAM 27pF 50V J
C2076	C1CLEM106A	ELECT 10 μF 16V M
C2077	C1HLEM225A	ELECT 2.2 μF 50V M
C2078	C1HCDJ101RH	CERAM 100pF 50V J
C2081	C1ELEM475A	ELECT 4.7 μF 25V M
C2082	C1HLEM105A	ELECT 1 μF 50V M
C2083	C1ALEM227A	ELECT 220 μF 10V M
C2084	C1EBDK223SR	SEMI 0.022 μF 25V K
C2085	C1ALEM227A	ELECT 220 μF 10V M
C2086	C1EBDK223SR	SEMI 0.022 μF 25V K
C2087	C1EBDK472SR	SEMI 0.0047 μF 25V K
C2088	C1HCDJ390RH	CERAM 39pF 50V J
C2089	C1ALEM226A	ELECT 22 μF 10V M
C2091	C1EBDK223SR	SEMI 0.022 μF 25V K
C2092	C1ALEM476A	ELECT 47 μF 10V M
C2093	C1EUEK224A	ALSIC 0.22 μF 25V K
C2094	C1ELEM475A	ELECT 4.7 μF 25V M
C2095	C1HFRK563C	MYLAR 0.056 μF 50V K

Schematic Location	Part No.	Description	Schematic Location	Part No.	Description
C2096	C1EUEK334A	ALSIC 0.33 μ F 25V K	L205	4-2724R100K	INDUCTOR 10 μ H
C2097	C1HLEM335A	ELECT 3.3 μ F 50V M	L206	4-2724U150K	INDUCTOR 15 μ H
C2098	C1CLEM336A	ELECT 33 μ F 16V M	L207	4-2724R390K	INDUCTOR 39 μ H
C2101	C1ELEM475A	ELECT 4.7 μ F 25V M	L208	4-2724U101K	INDUCTOR 100 μ H
C2102	C1EUEK224A	ALSIC 0.22 μ F 25V K	L211	4-2724E151K	INDUCTOR 150 μ H
C2103	C1ALEM107A	ELECT 100 μ F 10V M	L212	4-2724U101K	INDUCTOR 100 μ H
C2104	C1EBDK223SR	SEMI 0.022 μ F 25V K	L213	4-2724U101K	INDUCTOR 100 μ H
C2105	C1EBDK103SR	SEMI 0.01 μ F 25V K	L217	4-2724R101K	INDUCTOR 100 μ H
C2106	C1HCDJ391SL	CERAM 390pF 50V J	L222	4-2724U390K	INDUCTOR 39 μ H
C2107	C1EBDK103SR	SEMI 0.01 μ F 25V K	L223	4-2724U221K	INDUCTOR 220 μ H
C2108	C1ALEM107A	ELECT 100 μ F 10V M	L224	4-2724R270K	INDUCTOR 27 μ H
C2111	C1EBDK223SR	SEMI 0.022 μ F 25V K	L225	4-2724R180K	INDUCTOR 18 μ H
C2112	C1CLEM336A	ELECT 33 μ F 16V M	L226	4-2724U820K	INDUCTOR 82 μ H
C2113	C1EBDK103SR	SEMI 0.01 μ F 25V K	L227	4-2724U3R9K	INDUCTOR 3.9 μ H
C2114	C1EBDK103SR	SEMI 0.01 μ F 25V K	L228	4-2724E221K	INDUCTOR 220 μ H
C2115	C1EBDK103SR	SEMI 0.01 μ F 25V K	L231	4-2724U221K	INDUCTOR 220 μ H
C2116	C1CLEM476A	ELECT 47 μ F 16V M	L232	4-2724U271K	INDUCTOR 270 μ H
C2117	C1EBDK473SR	SEMI 0.047 μ F 25V K	L233	4-2724U221K	INDUCTOR 220 μ H
C2118	C1ALEM477A	ELECT 470 μ F 10V M	L234	4-2554-00230	INDUCTOR 8.2 μ H
C2121	C1ALEM476A	ELECT 47 μ F 10V M	L235	4-2724U221K	INDUCTOR 220 μ H
C2122	C1EBDK473SR	SEMI 0.047 μ F 25V K	L236	4-2724U221K	INDUCTOR 220 μ H
C2125	C1EBDK473SR	SEMI 0.047 μ F 25V K	L237	4-2724U150K	INDUCTOR 15 μ H
C2126	C1EBDK223SR	SEMI 0.022 μ F 25V K	L241	4-2724E101K	INDUCTOR 100 μ H
C2127	C1ALEM476A	ELECT 47 μ F 10V M	L242	4-2724U101K	INDUCTOR 100 μ H
C2128	C1CLEM227A	ELECT 220 μ F 16V M	L243	4-2724U221K	INDUCTOR 220 μ H
C2131	C1EBDK223SR	SEMI 0.022 μ F 25V K	L244	4-2724U221K	INDUCTOR 220 μ H
C2132	C1ALEM476A	ELECT 47 μ F 10V M	L246	4-2724U331K	INDUCTOR 330 μ H
C2134	C1CLEM106A	ELECT 10 μ F 16V M	L247	4-2554-00060	INDUCTOR 12 μ H
C2136	C1ALEM108A	ELECT 1000 μ F 10V M	L248	4-2554-00070	INDUCTOR 15 μ H
C2137	C1HCDJ121RH	CERAM 120pF 50V J	L251	4-2594-00040	TRAP COIL
C2138	C1HCDJ111RH	CERAM 110pF 50V J	L252	4-2594-00170	4.43MHz TRAP COIL
C2141	C1EBDK103SR	SEMI 0.01 μ F 25V K	L253	4-2534-00600	DELAY EQUALIZER
C2142	C1HYDK102B	CERAM 0.001 μ F 50V K	L254	4-2534-00590	1.4MHz H.P.F.
C2143	C1CLEM106A	ELECT 10 μ F 16V M	L255	4-2534-00250	1.5MHz C.L.P.F.
C2144	C1HFRJ222C	MYLAR 0.0022 μ F 50V J	L256	4-2534-00540	4.43MHz B.P.F.
C2145	C1HYDK561B	CERAM 560pF 50V K	L257	4-2534-00340	5.06MHz B.P.F.
C2146	C1HFRJ333C	MYLAR 0.033 μ F 50V J	L258	4-2534-00080	1.5MHz L.P.F.
C2147	C1EBDK473SR	SEMI 0.047 μ F 25V K	L259	4-2534-00240	RF DELAY EQUALIZER
(DIODES)			(PLUGS)		
D201	DMMA700	SK DIODE MA700	PA201	4-2364-00220	2P PLUG VERTICAL
D202	DGGMA01-L	DIODE GMA01-L	PA202	4-2364-00240	4P PLUG VERTICAL
D203	DGGMA01-L	DIODE GMA01-L	PA203	4-2364-00270	7P PLUG VERTICAL
D204	DMMA4051-H	ZENER DIODE MA4051(H)	PA204	4-2364-00220	2P PLUG VERTICAL
D205	DGGMA01-L	DIODE GMA01-L	PA205	4-2364-00260	6P PLUG VERTICAL
D206	DGGMA01-L	DIODE GMA01-L	PA206	4-2364-00220	2P PLUG VERTICAL
D207	DGGMA01-L	DIODE GMA01-L	PA207	4-2364-00220	2P PLUG VERTICAL
D208	DGGMA01-L	DIODE GMA01-L	PA209	4-2364-00230	3P PLUG VERTICAL
D209	DGGMA01-L	DIODE GMA01-L	PA211	4-2364-00220	2P PLUG VERTICAL
D210	DGGMA01-L	DIODE GMA01-L	PA212	4-2364-00220	2P PLUG VERTICAL
			PA213	4-2364-00220	2P PLUG VERTICAL
DL201	4-2844-00210	DELAY LINE DOC 1H	(TRANSISTORS)		
or	4-2844-00211	DELAY LINE DOC 1H	Q201	TG2SC536SP	TR 2SC536SP(F)
DL201	4-2844-00221	DELAY LINE COMB 2H	Q202	TG2SA608SP	TR 2SA608SP(F)
(ICS)			Q203	TG2SC536SP	TR 2SC536SP(F)
IC201	IHH11797	IC HA11797	Q204	TG2SC536SP	TR 2SC536SP(F)
IC202	IPSV834AP	H/B IC SV834AP	Q205	TG2SC536SP	TR 2SC536SP(F)
IC203	IPSV781BP	H/B IC SV781BP	Q206	TG2SC536SP	TR 2SC536SP(F)
IC204	IFFA7102AP	IC FA7102AP	Q207	TG2SC536SP	TR 2SC536SP(F)
or	IGLA7241	IC LA7241	Q208	TG2SC2999	TR 2SC2999(E)
IC205	IYBA7100	IC BA7100	Q210	TG2SA608SP	TR 2SA608SP(F)or(G)
(COILS)			Q211	TG2SC536SP	TR 2SC536SP(F)
L201	4-2724R390K	INDUCTOR 39 μ H	Q212	TG2SC536SP	TR 2SC536SP(F)
L202	4-2724U150K	INDUCTOR 15 μ H	Q213	TG2SC536SP	TR 2SC536SP(F)
L203	4-2724U101K	INDUCTOR 100 μ H	Q214	TG2SC536SP	TR 2SC536SP(F)
L204	4-2724U101K	INDUCTOR 100 μ H	Q215	TG2SC3400	DIGI TR 2SC3400
			Q216	TG2SC3400	DIGI TR 2SC3400

Schematic Location	Part No.	Description	Schematic Location	Part No.	Description
Q217	TG2SC536SP	TR 2SC536SP(F)	R2061	R2ESPJ392A	CARBO 3.9kΩ 1/4W J
Q218	TG2SC2999	TR 2SC2999(E)	R2062	R2ESPJ274A	CARBO 270kΩ 1/4W J
Q221	TG2SC536SP	TR 2SC536SP(F)	R2063	R2ESPJ471A	CARBO 470Ω 1/4W J
Q222	TG2SC3400	DIGI TR 2SC3400	R2064	R2ESPJ821A	CARBO 820Ω 1/4W J
Q223	TG2SC2274	TR 2SC2274(F)	R2065	R2ESPJ471A	CARBO 470Ω 1/4W J
Q224	TG2SD734	TR 2SD734(F)	R2066	R2ESPJ223A	CARBO 22kΩ 1/4W J
Q225	TG2SD734	TR 2SD734(F)	R2067	R2ESPJ153A	CARBO 15kΩ 1/4W J
Q226	TG2SD734	TR 2SD734(F)	R2068	R2ESPJ392A	CARBO 3.9kΩ 1/4W J
Q227	TG2SC536SP	TR 2SC536SP(F)	R2070	R2ESPJ153A	CARBO 15kΩ 1/4W J
Q228	TG2SC3400	DIGI TR 2SC3400	R2071	R2ESPJ102A	CARBO 1kΩ 1/4W J
Q230	TG2SC536SP	TR 2SC536SP(F)	R2072	R2ESPJ561A	CARBO 560Ω 1/4W J
Q231	TG2SC536SP	TR 2SC536SP(F)	R2073	R2ESPJ331A	CARBO 330Ω 1/4W J
Q232	TG2SC2274	TR 2SC2274(E)	R2074	R3AZPJ680A	FUSE 68Ω 1W J
Q233	TG2SC536SP	TR 2SC536SP(F)	R2075	R2ESPJ102A	CARBO 1kΩ 1/4W J
Q234	TG2SC3400	DIGI TR 2SC3400	R2076	R2ESPJ471A	CARBO 470Ω 1/4W J
Q235	TG2SC3400	DIGI TR 2SC3400	R2078	R2ESPJ182A	CARBO 1.8kΩ 1/4W J
Q236	TG2SC3400	DIGI TR 2SC3400	R2080	R2ESPJ472A	CARBO 4.7kΩ 1/4W J
		(RESISTORS)	R2081	R2ESPJ102A	CARBO 1kΩ 1/4W J
R2001	R2ESPJ123A	CARBO 12kΩ 1/4W J	R2082	R2ESPJ681A	CARBO 680Ω 1/4W J
R2002	R2ESPJ471A	CARBO 470Ω 1/4W J	R2083	R2ESPJ271A	CARBO 270Ω 1/4W J
R2003	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2084	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
R2004	R2ESPJ471A	CARBO 470Ω 1/4W J	R2085	R2ESPJ181A	CARBO 180Ω 1/4W J
R2005	R2ESPJ471A	CARBO 470Ω 1/4W J	R2086	R2CDPJ225A	CARBO 2.2MΩ 1/6W J
R2006	R2ESPJ561A	CARBO 560Ω 1/4W J	R2087	R2ESPJ681A	CARBO 680Ω 1/4W J
R2007	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2088	R2ESPJ123A	CARBO 12kΩ 1/4W J
R2008	R2ESPJ123A	CARBO 12kΩ 1/4W J	R2089	R2ESPJ102A	CARBO 1kΩ 1/4W J
R2011	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2091	R2ESPJ561A	CARBO 560Ω 1/4W J
R2012	R2ESPJ560A	CARBO 56Ω 1/4W J	R2092	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
R2013	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2093	R2ESPJ391A	CARBO 390Ω 1/4W J
R2015	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2094	R2ESPJ821A	CARBO 820Ω 1/4W J
R2016	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2095	R2ESPJ182A	CARBO 1.8kΩ 1/4W J
R2017	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2096	R2ESPJ102A	CARBO 1kΩ 1/4W J
R2018	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2097	R2ESPJ102A	CARBO 1kΩ 1/4W J
R2021	R2ESPJ151A	CARBO 150Ω 1/4W J	R2098	R2ESPJ101A	CARBO 100Ω 1/4W J
R2022	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2101	R2ESPJ182A	CARBO 1.8kΩ 1/4W J
R2023	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2102	R2ESPJ333A	CARBO 33kΩ 1/4W J
R2024	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2103	R2ESPJ331A	CARBO 330Ω 1/4W J
R2025	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2104	R2ESPJ682A	CARBO 6.8kΩ 1/4W J
R2026	R2ESPJ222A	CARBO 2.2kΩ 1/4W J	R2105	R2ESPJ272A	CARBO 2.7kΩ 1/4W J
R2027	R2ESPJ224A	CARBO 220kΩ 1/4W J	R2106	R2ESPJ471A	CARBO 470Ω 1/4W J
R2028	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2107	R2ESPJ102A	CARBO 1kΩ 1/4W J
R2031	R2ESPJ152A	CARBO 1.5kΩ 1/4W J	R2108	R2ESPJ821A	CARBO 820Ω 1/4W J
R2032	R2ESPJ100A	CARBO 10Ω 1/4W J	R2111	R2ESPJ122A	CARBO 1.2kΩ 1/4W J
R2033	R2ESPJ221A	CARBO 220Ω 1/4W J	R2112	R2ESPJ151A	CARBO 150Ω 1/4W J
R2034	R2ESPJ100A	CARBO 10Ω 1/4W J	R2113	R2ESPJ151A	CARBO 150Ω 1/4W J
R2035	R2ESPJ221A	CARBO 220Ω 1/4W J	R2114	R2ESPJ102A	CARBO 1kΩ 1/4W J
R2036	R2ESPJ152A	CARBO 1.5kΩ 1/4W J	R2115	R2ESPJ102A	CARBO 1kΩ 1/4W J
R2037	R2ESPJ47A	CARBO 4.7Ω 1/4W J	R2116	R2ESPJ103A	CARBO 10kΩ 1/4W J
R2038	R2ESPJ220A	CARBO 22Ω 1/4W J	R2117	R2ESPJ103A	CARBO 10kΩ 1/4W J
R2041	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2118	R2ESPJ100A	CARBO 10Ω 1/4W J
R2043	R2ESPJ332A	CARBO 3.3kΩ 1/4W J	R2121	R2ESPJ680A	CARBO 68Ω 1/4W J
R2044	R2ESPJ474A	CARBO 470kΩ 1/4W J	R2122	R2ESPJ182A	CARBO 1.8kΩ 1/4W J
R2045	R2ESPJ183A	CARBO 18kΩ 1/4W J	R2123	R2ESPJ822A	CARBO 8.2Ω 1/4W J
R2046	R2ESPJ124A	CARBO 120kΩ 1/4W J	R2124	R2ESPJ152A	CARBO 1.5kΩ 1/4W J
R2047	R2ESPJ681A	CARBO 680Ω 1/4W J	R2127	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
R2048	R2ESPJ223A	CARBO 22kΩ 1/4W J	R2128	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
R2049	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2129	R2ESPJ122A	CARBO 1.2kΩ 1/4W J
R2050	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2131	R2ESPJ103A	CARBO 10kΩ 1/4W J
R2051	R2ESPJ751A	CARBO 750Ω 1/4W J	R2132	R2ESPJ750A	CARBO 75Ω 1/4W J
R2052	R2ESPJ472A	CARBO 4.7kΩ 1/4W J	R2133	R2ENPF1820K	METAL 182Ω 1/4W F
R2053	R2ESPJ153A	CARBO 15kΩ 1/4W J	R2134	R2ENPF1001K	METAL 1.00kΩ 1/4W F
R2054	R2ESPJ103A	CARBO 10kΩ 1/4W J	R2135	R2ESPJ562A	CARBO 5.6kΩ 1/4W J
R2056	R2ESPJ331A	CARBO 330Ω 1/4W J	R2136	R2ESPJ392A	CARBO 3.9kΩ 1/4W J
R2057	R2ESPJ182A	CARBO 1.8kΩ 1/4W J	R2137	R2ESPJ121A	CARBO 120Ω 1/4W J
R2058	R2ESPJ101A	CARBO 100Ω 1/4W J	R2138	R2ESPJ103A	CARBO 10kΩ 1/4W J
R2059	R2ESPJ102A	CARBO 1kΩ 1/4W J	R2141	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
R2060	R2ESPJ333A	CARBO 33kΩ 1/4W J	R2142	R2ESPJ184A	CARBO 180kΩ 1/4W J
			R2143	R2ESPJ103A	CARBO 10kΩ 1/4W J

Schematic Location	Part No.	Description
R2144	R2ESPJ103A	CARBO 10k Ω 1/4W J
R2146	R2ESPJ561A	CARBO 560 Ω 1/4W J
R2147	R2ESPJ102A	CARBO 1k Ω 1/4W J
R2148	R2ESPJ103A	CARBO 10k Ω 1/4W J
R2151	R2ESPJ823A	CARBO 82k Ω 1/4W J
R2301	R2ESPJ333A	CARBO 33k Ω 1/4W J
R2302	R2ESPJ223A	CARBO 22k Ω 1/4W J
R2303	R2ESPJ561A	CARBO 560 Ω 1/4W J
TP208	4-2374-00030	(PINS) TEST POINT PIN
TP209	4-2374-00030	TEST POINT PIN
VR201	4-2224-00620	(VARIABLE RESISTORS) SEMI 1k Ω
VR202	4-2224-00430	SEMI 4.7k Ω
VR203	4-2224-00640	SEMI 2.2k Ω
W4201	0-4058-00158	CORD ASSY
X201	4-2254-00120	CRYSTAL 4.435MHz
	143-2-3504-09200	SHIELD CASE TOP-HAK

VIDEO SUB CIRCUIT P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-04460	VIDEO SUB PC ASSY
C291	C1ELEM475A	(CAPACITORS) ELECT 4.7 μ F 25V M
C292	C1CLEM107A	ELECT 100 μ F 16V M
D291 or	DGGMA01-L DY1SS133	(DIODES) DIODE GMA01-L DIODE 1SS133
Q291 or Q292 or	TG2SC536SP TG2SC536NP TG2SC536SP TG2SC536NP	(TRANSISTORS) TR 2SC536SP(F)or(G) TR 2SC536NP(F)or(G) TR 2SC536SP(F)or(G) TR 2SC536NP(F)or(G)
R291	R2ESPJ333A	(RESISTORS) CARBO 33k Ω 1/4W J
R292	R2ESPJ223A	CARBO 22k Ω 1/4W J
R293	R2ESPJ103A	CARBO 10k Ω 1/4W J
PA298	4-2364-00220	(PLUGS) 2P PLUG VERTICAL
PA299	4-2364-00220	2P PLUG VERTICAL

VIDEO HIGH QUALITY P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-04390	VIDEO HQ PC ASSY
C2300	C1ELEM475A	(CAPACITORS) ELECT 4.7 μ F 25V M
C2301	C1EBDK223SR	SEMI 0.022 μ F 25V K
C2302	C1EBDK153SR	SEMI 0.015 μ F 25V K
C2303	C1EBDK152SR	SEMI 0.0015 μ F 25V K
C2304	C1EBDK223SR	SEMI 0.022 μ F 25V K
C2305	C1ELEM475A	ELECT 4.7 μ F 25V M

Schematic Location	Part No.	Description
C2306	C1EBDK103SR	SEMI 0.01 μ F 25V K
C2307	C1CLEM336A	ELECT 33 μ F 16V M
C2308	C1ELEM475A	ELECT 4.7 μ F 25V M
C2311	C1EBDK223SR	SEMI 0.022 μ F 25V K
C2312	C1ELEM107A	ELECT 100 μ F 25V M
D230	DMMA700	(DIODES) SK DIODE MA700
D231	DMMA700	SK DIODE MA700
L270	4-2724U101K	(COIL) INDUCTOR 100 μ H
PB211	4-2364-00220	(PLUGS) 2PIN PLUG VERTICAL
PB212	4-2364-00220	2PIN PLUG VERTICAL
PB213	4-2364-00220	2PIN PLUG VERTICAL
Q231	TG2SC536SP	(TRANSISTORS) TR 2SC536SP(F)
Q232	TG2SC3067	TR 2SC3067(F)
Q234	TG2SC536SP	TR 2SC536SP(F)
Q235	TG2SC536SP	TR 2SC536SP(F)
R2310	R2ESPJ473A	(RESISTORS) CARBO 47k Ω 1/4W J
R2311	R2ESPJ473A	CARBO 47k Ω 1/4W J
R2312	R2ESPJ182A	CARBO 1.8k Ω 1/4W J
R2313	R2ESPJ122A	CARBO 1.2k Ω 1/4W J
R2315	R2ESPJ102A	CARBO 1k Ω 1/4W J
R2316	R2ESPJ222A	CARBO 2.2k Ω 1/4W J
R2317	R2ESPJ122A	CARBO 1.2k Ω 1/4W J
R2321	R2ESPJ273A	CARBO 27k Ω 1/4W J
R2322	R2ESPJ222A	CARBO 2.2k Ω 1/4W J
R2323	R2ESPJ222A	CARBO 2.2k Ω 1/4W J
R2324	R2ESPJ393A	CARBO 39k Ω 1/4W J
R2325	R2ESPJ153A	CARBO 15k Ω 1/4W J
R2327	R2ESPJ152A	CARBO 1.5k Ω 1/4W J
R2328	R2ESPJ102A	CARBO 1k Ω 1/4W J
VR300	4-2224-01640	(VARIABLE RESISTOR) SEMI 3.3k Ω

AUDIO CIRCUIT P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-03645	AUDIO PC ASSY
C401	C1HLEM225A	(CAPACITORS) ELECT 2.2 μ F 50V M
C403	C1HYDK102B	CERAM 0.001 μ F 50V K
C404	C1HJEM105A	ELECT 1 μ F 50V M
C405	C1HLEM105A	ELECT 1 μ F 50V M
C406	C1CLEM336A	ELECT 33 μ F 16V M
C407	C1CLEM336A	ELECT 33 μ F 16V M
C408	C1CLEM106A	ELECT 10 μ F 16V M
C411	C1CLEM475A	ELECT 4.7 μ F 25V M
C412	C1HFRJ153C	MYLAR 0.015 μ F 50V J
C415	C1HJEM105A	ELECT 1 μ F 50V M
C417	C1HFRJ822C	MYLAR 0.0082 μ F 50V J
C418	C1CLEM336A	ELECT 33 μ F 16V M
C421	C1HJEM105A	ELECT 1 μ F 50V M
C422	C1CLEM476A	ELECT 47 μ F 16V M
C423	C1HYDK821B	CERAM 820pF 50V K
C424	C1CLEM106A	ELECT 10 μ F 16V M
C425	C1HFRJ822C	MYLAR 0.0082 μ F 50V J

Schematic Location	Part No.	Description
C426	C1ALEM226A	ELECT 22 μ F 10V M
C427	C1CLEM107A	ELECT 100 μ F 16V M
C428	C1CLEM106A	ELECT 10 μ F 16V M
C431	C1HFRJ122C	MYLAR 0.0012 μ F 50V J
C432	C1CLEM476A	ELECT 47 μ F 16V M
C433	C1HYDK221B	CERAM 220pF 50V K
C434	C1HFRJ103C	MYLAR 0.01 μ F 50V J
C435	C1HFRJ103C	MYLAR 0.01 μ F 50V J
C436	C2AQPJ473A	PPCON 0.047 μ F 100V J
(DIODES)		
D401 or D402 or D403 or	DGGMA01-L DY1SS133 DGGMA01-L DY1SS133 DGGMA01-L DY1SS133	DIODE GMA01-L DIODE 1SS133 DIODE GMA01-L DIODE 1SS133 DIODE GMA01-L DIODE 1SS133
(ICS)		
IC401 IC402	IYBA5115 INMPC1513HA	IC BA5115 IC μ PC1513HA
(COILS)		
L401 L402 L403	4-2554-00270 4-2724E101K 4-2524-00070	INDUCTOR 22 μ H INDUCTOR 100 μ H 15.6kHz TRAP FILTER
(PLUGS)		
PA401 PA403 PA404 PA406 PA407	4-2364-00220 4-2364-00220 4-2364-00220 4-2364-00220 4-2364-00230	2P PLUG VERTICAL 2P PLUG VERTICAL 2P PLUG VERTICAL 2P PLUG VERTICAL 3P PLUG VERTICAL
(TRANSISTORS)		
Q401 or or or Q402 or or or Q403 or or Q404 Q405 or or or Q406 or or	TG2SC536NP TG2SC536SP TN2SC945 TY2SC1740 TG2SC536NP TG2SC536SP TN2SC945 TY2SC1740 TG2SC3399 TYDTC144N TYDTC144S TG2SD734 TG2SA608NP TG2SA608SP TN2SA733 TY2SA933 TG2SC3399 TYDTC144N TYDTC144S	TR 2SC536NP(F)or(G) TR 2SC536SP(F)or(G) TR 2SC945(K)or(P) TR 2SC1740(R)or(S) TR 2SC536NP(F)or(G) TR 2SC536SP(F)or(G) TR 2SC945(K)or(P) TR 2SC1740(R)or(S) DIGI TR 2SC3399 DIGI TR DTC144N DIGI TR DTC144S TR 2SD734(F)or(G) TR 2SA608NP(F)or(G) TR 2SA608SP(F)or(G) TR 2SA733(P)or(Q) TR 2SA933(Q)or(R)or(S) DIGI TR 2SC3399 DIGI TR DTC144N DIGI TR DTC144S
(RESISTORS)		
R401 R402 R403 R404 R405 R406 R407 R408 R411 R412 R413 R414	R2ESPJ332A R2ESPJ563A R2ESPJ473A R2ESPJ152A R2ESPJ102A R2ESPJ152A R2ESPJ333A R2ESPJ475A R2ESPJ333A R2ESPJ103A R2ESPJ102A R2ESPJ102A	CARBO 3.3k Ω 1/4W J CARBO 56k Ω 1/4W J CARBO 47k Ω 1/4W J CARBO 1.5k Ω 1/4W J CARBO 1k Ω 1/4W J CARBO 1.5k Ω 1/4W J CARBO 33k Ω 1/4W J CARBO 4.7M Ω 1/4W J CARBO 33k Ω 1/4W J CARBO 10k Ω 1/4W J CARBO 1k Ω 1/4W J CARBO 1k Ω 1/4W J

Schematic Location	Part No.	Description
R415 R416 R417 R418 R421 R422 R423 R424 R426 R427 R428 R429 R431 R432 R433 R435 R436 R437 R438 R441 R442 R443 R444 R445 R446 R447	R2ESPJ122A R2ESPJ563A R2ESPJ123A R2ESPJ334A R2ESPJ181A R2ESPJ104A R2ESPJ473A R2ESPJ102A R2ESPJ222A R2ESPJ681A R2ESPJ104A R2ESPJ103A R2ESPJ333A R2ESPJ223A R2ESPJ223A R2ESPJ101A R2ESPJ183A R2ESPJ123A R2ESPJ223A R2ESPJ103A R2ESPJ153A R2ESPJ470A R2ESPJ100A R2EZPJ101A R2ESPJ104A R2ESPJ103A	CARBO 1.2k Ω 1/4W J CARBO 56k Ω 1/4W J CARBO 12k Ω 1/4W J CARBO 330k Ω 1/4W J CARBO 180 Ω 1/4W J CARBO 100k Ω 1/4W J CARBO 47k Ω 1/4W J CARBO 1k Ω 1/4W J CARBO 2.2k Ω 1/4W J CARBO 680 Ω 1/4W J CARBO 100k Ω 1/4W J CARBO 10k Ω 1/4W J CARBO 33k Ω 1/4W J CARBO 22k Ω 1/4W J CARBO 22k Ω 1/4W J CARBO 100 Ω 1/4W J CARBO 18k Ω 1/4W J CARBO 12k Ω 1/4W J CARBO 22k Ω 1/4W J CARBO 10k Ω 1/4W J CARBO 15k Ω 1/4W J CARBO 47 Ω 1/4W J CARBO 10 Ω 1/4W J FUSE 100 Ω 1/4W J CARBO 100k Ω 1/4W J CARBO 10k Ω 1/4W J
T401		4-2584-00220 (TRANSFORMER) 70kHz OSC TRANSFORMER
TP401 TP402 TP403 TP404 TP405 TP406		4-2374-00030 4-2374-00030 4-2374-00030 4-2374-00030 4-2374-00030 4-2374-00030 (PINS) TEST POINT PIN TEST POINT PIN TEST POINT PIN TEST POINT PIN TEST POINT PIN TEST POINT PIN
VR401 VR402		4-2224-00690 4-2224-00710 (VARIABLE RESISTORS) SEMI 22k Ω SEMI 100k Ω

SYSTEM CONTROL SERVO P.C.B. PARTS

Schematic Location	Part No.	Description
0-4014-03911		SYSCON SERVO PC ASSY
(CAPACITORS)		
C5001 C5002 C5003 C5004 C5007 C5008 C5009 C5010 C5011 C5012 C5013 C5014 C5015 C5016 C5017 C5018 C5019 C5020 C5021	C1CLEM106A C1EBDK333SR C1HLEM105A C0JLEM107A C1HCDJ330CH C1HCDJ470CH C1EBDK103SR C0JLEM477A C1EBDK473SR C1EBDK473SR C1EBDK473SR C1HLEM225A C0JLEM108A C1EBDK473SR C1HYDZ103F C1HYDZ103F C1CLEM227A C1HLEM105A C1HYDZ223F	ELECT 10 μ F 16V M SEMI 0.033 μ F 25V K ELECT 1 μ F 50V M ELECT 100 μ F 6.3V M CERAM 33pF 50V J CERAM 47pF 50V J SEMI 0.01 μ F 25V K ELECT 470 μ F 6.3V M SEMI 0.047 μ F 25V K SEMI 0.047 μ F 25V K SEMI 0.047 μ F 25V K ELECT 2.2 μ F 50V M ELECT 1000 μ F 6.3V M SEMI 0.047 μ F 25V K CERAM 0.01 μ F 50V Z CERAM 0.01 μ F 50V Z ELECT 220 μ F 16V M ELECT 1 μ F 50V M CERAM 0.022 μ F 50V Z

Schematic Location	Part No.	Description	Schematic Location	Part No.	Description
C5031	C1EBDK223SR	SEMI 0.022 μ F 25V K	D505	DGGMA01-L	DIODE GMA01-L
C5032	C1HYDZ103F	CERAM 0.01 μ F 50V Z	or	DY1SS133	DIODE 1SS133
C5040	C1HYDZ223F	CERAM 0.022 μ F 50V Z	D506	DGGMA01-L	DIODE GMA01-L
C5041	C1HYDZ223F	CERAM 0.022 μ F 50V Z	or	DY1SS133	DIODE 1SS133
C7001	C1HFRK473C	MYLAR 0.047 μ F 50V K	D508	DGGMA01-L	DIODE GMA01-L
C7002	C1HLEM105A	ELECT 1 μ F 50V M	or	DY1SS133	DIODE 1SS133
C7004	C1HLEM105A	ELECT 1 μ F 50V M	D509	DGGMA01-L	DIODE GMA01-L
C7005	C1HFRK473C	MYLAR 0.047 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7006	C1HFRK473C	MYLAR 0.047 μ F 50V K	D701	DGGMA01-L	DIODE GMA01-L
C7007	C1HYDZ223F	CERAM 0.022 μ F 50V Z	or	DY1SS133	DIODE 1SS133
C7008	COJLEM107A	ELECT 100 μ F 6.3V M	D702	DGGMA01-L	DIODE GMA01-L
C7009	C1CLEM106A	ELECT 10 μ F 16V M	or	DY1SS133	DIODE 1SS133
C7011	C1ELEM475A	ELECT 4.7 μ F 25V M	D703	DGGMA01-L	DIODE GMA01-L
C7012	C1HFRJ563C	MYLAR 0.056 μ F 50V J	or	DY1SS133	DIODE 1SS133
C7013	COJLEM477A	ELECT 470 μ F 6.3V M	D704	DGGMA01-L	DIODE GMA01-L
C7014	C1EBDK273SR	SEMI 0.027 μ F 25V K	or	DY1SS133	DIODE 1SS133
C7015	C1EBDK103SR	SEMI 0.01 μ F 25V K	D705	DGGMA01-L	DIODE GMA01-L
C7016	C1HLEM105A	ELECT 1 μ F 50V M	or	DY1SS133	DIODE 1SS133
C7017	C1HLEM105A	ELECT 1 μ F 50V M	D708	DGGMA01-L	DIODE GMA01-L
C7018	C1HFRK104C	MYLAR 0.1 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7019	C1HLEM335A	ELECT 3.3 μ F 50V M	D709	DGGMA01-L	DIODE GMA01-L
C7021	C1CHEK106A	ELECT 10 μ F 16V K	or	DY1SS133	DIODE 1SS133
C7022	C1CHEK106A	ELECT 10 μ F 16V K	D711	DGGMA01-L	DIODE GMA01-L
C7023	C1HFRK153C	MYLAR 0.015 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7024	C1HFRJ562B	MYLAR 0.0056 μ F 50V J	D712	DGGMA01-L	DIODE GMA01-L
C7025	C1HFRK333C	MYLAR 0.033 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7026	C1HLEM335A	ELECT 3.3 μ F 50V M	D713	DGGMA01-L	DIODE GMA01-L
C7027	C1CHEK106A	ELECT 10 μ F 16V K	or	DY1SS133	DIODE 1SS133
C7028	C1HFRK473C	MYLAR 0.047 μ F 50V K	D714	DGGMA01-L	DIODE GMA01-L
C7029	C1HFRK153C	MYLAR 0.015 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7031	C1HFRK473C	MYLAR 0.047 μ F 50V K	D715	DGGMA01-L	DIODE GMA01-L
C7032	C1HCDJ330SL	CERAM 33pF 50V J	or	DY1SS133	DIODE 1SS133
C7033	C1EBDK272SR	SEMI 0.0027 μ F 25V K	D716	DGGMA01-L	DIODE GMA01-L
C7034	C1HYDZ223F	CERAM 0.022 μ F 50V Z	or	DY1SS133	DIODE 1SS133
C7036	C1HFRK273C	MYLAR 0.027 μ F 50V K	D717	DGGMA01-L	DIODE GMA01-L
C7037	C1HFRK273C	MYLAR 0.027 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7039	C1HFRK682C	MYLAR 0.0068 μ F 50V K	D718	DGGMA01-L	DIODE GMA01-L
C7041	C1HFRK682C	MYLAR 0.0068 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7042	C1HFRK472C	MYLAR 0.0047 μ F 50V K	D719	DGGMA01-L	DIODE GMA01-L
C7043	C1HLEM105A	ELECT 1 μ F 50V M	or	DY1SS133	DIODE 1SS133
C7044	C1EBDK103SR	SEMI 0.01 μ F 25V K	D720	DGGMA01-L	DIODE GMA01-L
C7045	C1HFRK152C	MYLAR 0.0015 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7046	C1EBDK473SR	SEMI 0.047 μ F 25V K	D721	DGGMA01-L	DIODE GMA01-L
C7047	C1HFRK152C	MYLAR 0.0015 μ F 50V K	or	DY1SS133	DIODE 1SS133
C7048	C1HFRK153C	MYLAR 0.015 μ F 50V K	D722	DGGMA01-L	DIODE GMA01-L
C7049	C1HLEM105A	ELECT 1 μ F 50V M	or	DY1SS133	DIODE 1SS133
C7050	C1HYDZ223F	CERAM 0.022 μ F 50V Z	D723	DGGMA01-L	DIODE GMA01-L
C7051	C1HCDJ101SL	CERAM 100pF 50V J	or	DY1SS133	DIODE 1SS133
C7052	C1HLEM105A	ELECT 1 μ F 50V M	D724	DGGMA01-L	DIODE GMA01-L
C7053	C1HLEM105A	ELECT 1 μ F 50V M	or	DY1SS133	DIODE 1SS133
C7054	C1HLEM225A	ELECT 2.2 μ F 50V M	D730	DGGMA01-L	DIODE GMA01-L
C7055	C1HLEM105A	ELECT 1 μ F 50V M	or	DY1SS133	DIODE 1SS133
C7056	C1EUEK224A	ALSIC 0.22 μ F 25V K			
C7057	C1HYDZ223F	CERAM 0.022 μ F 50V Z			
C7058	C1HFRK823C	MYLAR 0.082 μ F 50V K	IC501	Iglm8854-1912	(ICS) IC LM8854-1912
C7059	C1HFRK153C	MYLAR 0.015 μ F 50V K	IC502	IYBA6334	IC BA6334
C7061	C1CLEM227A	ELECT 220 μ F 16V M	IC503	IGLB1649	IC LB1649
C7063	C1CLEM227A	ELECT 220 μ F 16V M	IC504	IAPST523E	IC PST523E
C7064	C1HLEM225A	ELECT 2.2 μ F 50V M	IC701	IYBA6305	IC BA6305
		(DIODES)	IC702	IGLA6458DF	IC LA6458DF
D501	DGGMA01-L	DIODE GMA01-L	IC703	IHHA11847NT	IC HA11847NT
or	DY1SS133	DIODE 1SS133	IC704	IGLC4011B	IC LC4011B
D502	DGGMA01-L	DIODE GMA01-L	or	INMPD4011BC	IC μ PD4011BC
or	DY1SS133	DIODE 1SS133	IC705	IGLA6324	IC LA6324
D503	DMMA700	SK DIODE MA700	or	ITTA75902P	IC TA75902P
D504	DGGMA01-L	DIODE GMA01-L			
or	DY1SS133	DIODE 1SS133	PA503	4-2364-00290	(PLUGS) 9P PLUG VERTICAL

Schematic Location	Part No.	Description	Schematic Location	Part No.	Description
PA505	4-2364-00290	9P PLUG VERTICAL	R5041	R2ESPJ104A	CARBO 100kΩ 1/4W J
PA506	4-2364-00220	2P PLUG VERTICAL	R5043	R2ESPJ104A	CARBO 100kΩ 1/4W J
PA509	4-2364-00220	2P PLUG VERTICAL	R5045	R2ESPJ104A	CARBO 100kΩ 1/4W J
PA701	4-2364-00220	2P PLUG VERTICAL	R5046	R2ESPJ471A	CARBO 470Ω 1/4W J
PA702	4-2364-00220	2P PLUG VERTICAL	R5047	R2ESPJ471A	CARBO 470Ω 1/4W J
PA703	4-2364-00270	7P PLUG VERTICAL	R5048	R2ESPJ471A	CARBO 470Ω 1/4W J
PA704	4-2364-00220	2P PLUG VERTICAL	R5049	R2ESPJ331A	CARBO 330Ω 1/4W J
PV701	4-2364-00480	8P PLUG VERTICAL	R5050	R2ESPJ331A	CARBO 330Ω 1/4W J
		(TRANSISTORS)	R5051	R2ESPJ103A	CARBO 10kΩ 1/4W J
Q503	TG2SB698	TR 2SB698(F)or(G)	R5052	R2ESPJ473A	CARBO 47kΩ 1/4W J
or	TT2SA950	TR 2SA950(GR)or(Y)	R5053	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
Q504	TG2SA608NP	TR 2SA608NP(F)or(G)	R5064	R2ESPJ683A	CARBO 68kΩ 1/4W J
or	TG2SA608SP	TR 2SA608SP(F)or(G)	R5065	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
or	TY2SA933	TR 2SA933(R)or(S)	R5066	R2ESPJ153A	CARBO 15kΩ 1/4W J
Q505	TG2SC536NP	TR 2SC536NP(F)or(G)	R5067	R2ESPJ103A	CARBO 10kΩ 1/4W J
or	TG2SC536SP	TR 2SC536SP(F)or(G)	R5068	R2ESPJ562A	CARBO 5.6kΩ 1/4W J
or	TN2SC945	TR 2SC945(K)or(P)	R5069	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
or	TY2SC1740	TR 2SC1740(R)or(S)	R5071	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
Q509	TG2SA608NP	TR 2SA608NP(F)or(G)	R5072	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
or	TG2SA608SP	TR 2SA608SP(F)or(G)	R5073	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
or	TY2SA933	TR 2SA933(R)or(S)	R5074	R2ESPJ103A	CARBO 10kΩ 1/4W J
Q511	TG2SA608NP	TR 2SA608NP(F)or(G)	R5075	R2ESPJ103A	CARBO 10kΩ 1/4W J
or	TG2SA608SP	TR 2SA608SP(F)or(G)	R5076	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
or	TY2SA933	TR 2SA933(R)or(S)	R5077	R2ESPJ103A	CARBO 10kΩ 1/4W J
Q512	TG2SA608NP	TR 2SA608NP(F)or(G)	R5078	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
or	TG2SA608SP	TR 2SA608SP(F)or(G)	R5079	R2ESPJ104A	CARBO 100kΩ 1/4W J
or	TY2SA933	TR 2SA933(R)or(S)	R5081	R2ESPJ474A	CARBO 470kΩ 1/4W J
Q513	TG2SC536NP	TR 2SC536NP(F)or(G)	R5082	R2ESPJ223A	CARBO 22kΩ 1/4W J
or	TG2SC536SP	TR 2SC536SP(F)or(G)	R5083	R2ESPJ823A	CARBO 82kΩ 1/4W J
or	TN2SC945	TR 2SC945(K)or(P)	R5085	R2ESPJ104A	CARBO 100kΩ 1/4W J
or	TY2SC1740	TR 2SC1740(R)or(S)	R5086	R2ESPJ104A	CARBO 100kΩ 1/4W J
Q702	TG2SA608NP	TR 2SA608NP(F)or(G)	R5087	R2ESPJ104A	CARBO 100kΩ 1/4W J
or	TG2SA608SP	TR 2SA608SP(F)or(G)	R5088	R2ESPJ104A	CARBO 100kΩ 1/4W J
or	TY2SA933	TR 2SA933(R)or(S)	R5089	R2ESPJ104A	CARBO 100kΩ 1/4W J
		(RESISTORS)	R5091	R2ESPJ331A	CARBO 330Ω 1/4W J
R5001	R2ESPJ101A	CARBO 100Ω 1/4W J	R5092	R2ESPJ331A	CARBO 330Ω 1/4W J
R5002	R2ESPJ104A	CARBO 100kΩ 1/4W J	R5093	R2ESPJ272A	CARBO 2.7kΩ 1/4W J
R5007	R2ESPJ471A	CARBO 470Ω 1/4W J	R5094	R2ESPJ272A	CARBO 2.7kΩ 1/4W J
R5009	R2ESPJ682A	CARBO 6.8kΩ 1/4W J	R5095	R2ESPJ272A	CARBO 2.7kΩ 1/4W J
R5010	R2ESPJ331A	CARBO 330Ω 1/4W J	R5096	R2ESPJ272A	CARBO 2.7kΩ 1/4W J
R5011	R2ESPJ473A	CARBO 47kΩ 1/4W J	R7001	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
R5012	R2ESPJ122A	CARBO 1.2kΩ 1/4W J	R7002	R2ESPJ334A	CARBO 330kΩ 1/4W J
R5014	R2ENPD4991K	METAL 4.99kΩ 1/4W D	R7003	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5016	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7004	R2ESPJ331A	CARBO 330Ω 1/4W J
R5017	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7005	R2ESPJ152A	CARBO 1.5kΩ 1/4W J
R5018	R2ESPJ684A	CARBO 680kΩ 1/4W J	R7006	R2ESPJ223A	CARBO 22kΩ 1/4W J
R5019	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7007	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5021	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7008	R2ESPJ331A	CARBO 330Ω 1/4W J
R5022	R2ESPJ472A	CARBO 4.7kΩ 1/4W J	R7009	R2ESPJ153A	CARBO 15kΩ 1/4W J
R5023	R2ESPJ472A	CARBO 4.7kΩ 1/4W J	R7011	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5024	R2ESPJ684A	CARBO 680kΩ 1/4W J	R7012	R2ESPJ102A	CARBO 1kΩ 1/4W J
R5025	R2ESPJ103A	CARBO 10kΩ 1/4W J	R7013	R2ESPJ102A	CARBO 1kΩ 1/4W J
R5026	R2ESPJ103A	CARBO 10kΩ 1/4W J	R7014	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5027	R2ESPJ103A	CARBO 10kΩ 1/4W J	R7015	R2ESPJ105A	CARBO 1MΩ 1/4W J
R5028	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7016	R2ESPJ104A	CARBO 100kΩ 1/4W J
R5029	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7017	R2ESPJ563A	CARBO 56kΩ 1/4W J
R5030	R2ESPJ103A	CARBO 10kΩ 1/4W J	R7018	R2ESPJ392A	CARBO 3.9kΩ 1/4W J
R5031	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7019	R2ESPJ394A	CARBO 390kΩ 1/4W J
R5032	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7021	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5033	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7022	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5034	R2ESPJ224A	CARBO 220kΩ 1/4W J	R7023	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5035	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7024	R2ESPJ103A	CARBO 10kΩ 1/4W J
R5036	R2ESPJ103A	CARBO 10kΩ 1/4W J	R7025	R2ESPJ153A	CARBO 15kΩ 1/4W J
R5037	R2ESPJ103A	CARBO 10kΩ 1/4W J	R7026	R2ESPJ124A	CARBO 120kΩ 1/4W J
R5038	R2ESPJ474A	CARBO 470kΩ 1/4W J	R7027	R2ESPJ393A	CARBO 39kΩ 1/4W J
R5039	R2ESPJ104A	CARBO 100kΩ 1/4W J	R7028	R2ESPJ272A	CARBO 2.7kΩ 1/4W J
			R7029	R2ESPJ473A	CARBO 47kΩ 1/4W J
			R7031	R2ESPJ473A	CARBO 47kΩ 1/4W J

TUNER RF CONVERTER P.C.B. PARTS

Schematic Location	Part No.	Description
R7032	R2ESPJ564A	CARBO 560kΩ 1/4W J
R7033	R2ESPJ474A	CARBO 470kΩ 1/4W J
R7035	R2ESPJ682A	CARBO 6.8kΩ 1/4W J
R7036	R2ESPJ151A	CARBO 150Ω 1/4W J
R7037	R2ESPJ333A	CARBO 33kΩ 1/4W J
R7038	R2ESPJ333A	CARBO 33kΩ 1/4W J
R7040	R2ESPJ471A	CARBO 470Ω 1/4W J
R7041	R2ESPJ123A	CARBO 12kΩ 1/4W J
R7042	R2ESPJ393A	CARBO 39kΩ 1/4W J
R7043	R2ESPJ123A	CARBO 12kΩ 1/4W J
R7044	R2ESPJ683A	CARBO 68kΩ 1/4W J
R7045	R2ESPJ332A	CARBO 3.3kΩ 1/4W J
R7046	R2ESPJ152A	CARBO 1.5kΩ 1/4W J
R7048	R2ESPJ473A	CARBO 47kΩ 1/4W J
R7049	R2ESPJ683A	CARBO 68kΩ 1/4W J
R7051	R2ESPJ183A	CARBO 18kΩ 1/4W J
R7052	R2ESPJ153A	CARBO 15kΩ 1/4W J
R7055	R2ESPJ105A	CARBO 1MΩ 1/4W J
R7056	R2ESPJ473A	CARBO 47kΩ 1/4W J
R7057	R2ESPJ222A	CARBO 2.2kΩ 1/4W J
R7058	R2ESPJ103A	CARBO 10kΩ 1/4W J
R7059	R2ESPJ103A	CARBO 10kΩ 1/4W J
R7060	R2ESPJ103A	CARBO 10kΩ 1/4W J
R7061	R2ESPJ393A	CARBO 39kΩ 1/4W J
R7062	R2ESPJ103A	CARBO 10kΩ 1/4W J
R7063	R2ESPJ103A	CARBO 10kΩ 1/4W J
R7064	R2ESPJ103A	CARBO 10kΩ 1/4W J
R7065	R2ESPJ562A	CARBO 5.6kΩ 1/4W J
R7066	R2ESPJ105A	CARBO 1MΩ 1/4W J
R7067	R2ESPJ561A	CARBO 560Ω 1/4W J
R7068	R2ESPJ824A	CARBO 820kΩ 1/4W J
R7069	R2ESPJ392A	CARBO 3.9kΩ 1/4W J
R7071	R2ESPJ561A	CARBO 560Ω 1/4W J
R7072	R2ESPJ474A	CARBO 470kΩ 1/4W J
R7073	R2ESPJ473A	CARBO 47kΩ 1/4W J
R7074	R2ESPJ104A	CARBO 100kΩ 1/4W J
R7075	R2ESPJ561A	CARBO 560Ω 1/4W J
R7076	R2ESPJ104A	CARBO 100kΩ 1/4W J
R7082	R2ESPJ153A	CARBO 15kΩ 1/4W J
(VARIABLE RESISTORS)		
VR701	4-22224-00710	SEMI 100kΩ
VR702	4-22224-00710	SEMI 100kΩ
VR704	4-22224-00143	SEMI 100kΩ
VR705	4-22224-00154	SEMI 100kΩ
VR706	4-22224-00730	SEMI 470kΩ
VR707	4-22224-01210	SEMI 68kΩ
VR709	4-22224-00460	SEMI 150kΩ
W4301	0-4052-01004	CORD ASSY
W4302	0-4052-00910	CORD ASSY
W4303	0-4052-00920	CORD ASSY
W4304	0-4052-00930	CORD ASSY
W4305	0-4052-01005	CORD ASSY
W4306	0-4052-00950	CORD ASSY
W4307	0-4048-00610	CORD ASSY
X501 or	4-2584-00180 4-2584-00181	CERAMIC RESONATOR 4.00MHz CERAMIC RESONATOR 4.00MHz
(ZENER DIODES)		
ZD502 or or	DGGZA8.2-Y DMMA4082-M DYMTZ8.2-C	ZENER DIODE GZA8.2(Y) ZENER DIODE MA4082(M) ZENER DIODE MTZ8.2(C)

Schematic Location	Part No.	Description
	0-4034-00070	WIRE SHIELD ASSY
or	4-1154-13230 4-1164-04932 4-1164-06932 143-2-1204-02000	TUNER IF UNIT RF CONVERTER RF CONVERTER REAR TERMINAL BOARD-HAR-B

VOLTAGE SYNTHESIZER P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-03860	VOL SYN PC ASSY
	0-4030-00220 4-2374-00070	1P CORD ASSY D 1P TERMINAL-D
(CAPACITORS)		
C1001	C1HCDJ330CH	CERAM 33pF 50V J
C1002	C1HCDJ330CH	CERAM 33pF 50V J
C1003	C1EBDK473SR	SEMI 0.047μF 25V K
C1004	C1HLEM105A	ELECT 1μF 50V M
C1005	C1HYDK102B	CERAM 0.001μF 50V K
C1006	C1HCDJ560CH	CERAM 56pF 50V J
C1007	C1HPRJ224A	M-FIL 0.22μF 50V J
C1008	C1HPRJ224A	M-FIL 0.22μF 50V J
C1009	C1HPRJ224A	M-FIL 0.22μF 50V J
C1011	C1HLEM226A	ELECT 22μF 50V M
C1012	C1HYDK103B	CERAM 0.01μF 50V K
C1013	C1HLEM106A	ELECT 10μF 50V M
C1014	C1HLEM106A	ELECT 10μF 50V M
C1015	C1HLEM226A	ELECT 22μF 50V M
C1016	C1HYDK103B	CERAM 0.01μF 50V K
C1017	C1HPRJ104A	M-FIL 0.1μF 50V J
C1018	C1EBDK103SR	SEMI 0.01μF 25V K
C1019	C1ALEM476A	ELECT 47μF 10V M
C1021	C1EBDK223SR	SEMI 0.022μF 25V K
C1022	C1HCDJ121CH	CERAM 120pF 50V J
C1031	C1HLEM105A	ELECT 1μF 50V M
C1032	C1HCDJ221SL	CERAM 220pF 50V J
C1033	C1HYDZ473F	CERAM 0.047μF 50V Z
(DIODES)		
D1002	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1007	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1008	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1009	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1011	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1012	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1013	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1014	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1015	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1016	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1017	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1018	DMMA700	DIODE MA700
D1019	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1022	DGGMA01	DIODE GMA01

Schematic Location	Part No.	Description
or D1023 or	DY1SS131 DGGMA01 DY1SS131	DIODE 1SS131 DIODE GMA01 DIODE 1SS131
IC101 IC102 IC103 or IC104 IC105 or	IWM50431-021SP IWM58653P IMMN1280-S ISS-8054ALR IGLA7910 IWM5233P IYBA6993	(ICS) IC M50431-021-SP IC M58653P IC MN1280-S IC S-8054ALR IC LA7910 IC M5233P IC BA6993
PB101 PB102 PB105	4-2364-00300 4-2364-00240 4-2364-00290	(PLUGS) 10P PLUG VERTICAL 4P PLUG VERTICAL 9P PLUG VERTICAL
Q1001 Q1002 Q1003 Q1004 Q1005 Q1006 or Q1007 Q1008 Q1009 Q1011 Q1012 Q1013 or Q1016 Q1017 or	TG2SC3402 TG2SC3402 TG2SC3402 TG2SC3402 TM2SC1685 TG2SC2274 TN2SC2002 TG2SA608SP TG2SA608SP TG2SC3400 TG2SA608SP TG2SA608SP TG2SA984 TY2SA953 TG2SC536SP TG2SC536KNP TM2SC1685	(TRANSISTORS) DIGI TR 2SC3402 DIGI TR 2SC3402 DIGI TR 2SC3402 DIGI TR 2SC3402 TR 2SC1685(R)or(S) TR 2SC2274(E)or(F) TR 2SC2002(L)or(M) TR 2SA608SP(F)or(G) TR 2SA608SP(F)or(G) DIGI TR 2SC3400 TR 2SA608SP(F)or(G) TR 2SA608SP(F)or(G) TR 2SA984(E)or(F) TR 2SA953(K)or(L) TR 2SC536SP(F)or(G) TR 2SC536KNP(G) TR 2SC1685(S)
R1001 R1002 R1003 R1004 R1005 R1006 R1007 R1008 R1009 R1011 R1012 R1013 R1014 R1015 R1016 R1017 R1018 R1019 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1028 R1029 R1031 R1032 R1033	R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ223A R2ESPJ103A R2ENPD1492K R2ENPD2992K R2ENPD5992K R2ENPD1203K R2ESPJ562A R2ESPJ392A R2ESPJ333A R2ESPJ274A R2ESPJ394A R2ESPJ103A R2ESPJ822A R2ESPJ822A R2ESPJ822A R2ESPJ103A R2ESPJ681A R2ESPJ182A R2ESPJ223A R2ESPJ223A R2ESPJ223A	(RESISTORS) CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 10kΩ 1/4W J METAL 14.9kΩ 1/4W D METAL 29.9kΩ 1/4W D METAL 59.9kΩ 1/4W D METAL 120.0kΩ 1/4W D CARBO 5.6kΩ 1/4W J CARBO 3.9kΩ 1/4W J CARBO 33kΩ 1/4W J CARBO 270kΩ 1/4W J CARBO 390kΩ 1/4W J CARBO 10kΩ 1/4W J CARBO 8.2kΩ 1/4W J CARBO 8.2kΩ 1/4W J CARBO 8.2kΩ 1/4W J CARBO 10kΩ 1/4W J CARBO 680Ω 1/4W J CARBO 1.8kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J

Schematic Location	Part No.	Description
R1034 R1035 R1036 R1037 R1038 R1039 R1041 R1042 R1043 R1044 R1045 R1046 R1047 R1048 R1049 R1051 R1052 R1054 R1055 R1056 R1058 R1059 R1061 R1063	R2ESPJ223A R2ESPJ223A R2ESPJ333A R2ESPJ333A R2ESPJ104A R2ESPJ223A R2ESPJ472A R2ESPJ103A R2ESPJ223A R2ESPJ223A R2ESPJ272A R2ESPJ182A R2ESPJ101A R2ESPJ103A R2ESPJ103A R2ESPJ103A R2ESPJ153A R2ESPJ221A R2ESPJ102A R2ESPJ102A R2ESPJ473A R2ESPJ562A R2ESPJ562A R2ESPJ125A	CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 33kΩ 1/4W J CARBO 33kΩ 1/4W J CARBO 100kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 4.7kΩ 1/4W J CARBO 10kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 22kΩ 1/4W J CARBO 2.7kΩ 1/4W J CARBO 1.8kΩ 1/4W J CARBO 100Ω 1/4W J CARBO 10kΩ 1/4W J CARBO 10kΩ 1/4W J CARBO 10kΩ 1/4W J CARBO 15kΩ 1/4W J CARBO 220Ω 1/4W J CARBO 1kΩ 1/4W J CARBO 1kΩ 1/4W J CARBO 47kΩ 1/4W J CARBO 5.6kΩ 1/4W J CARBO 5.6kΩ 1/4W J CARBO 1.2MΩ 1/4W J
S1001 S1002 S1003 S1004 S1005 S1006 S1007	4-2314-00730 4-2314-00310 4-2314-00310 4-2314-00310 4-2314-00310 4-2314-00310 4-2314-00310	(SWITCHES) SLIDE SWITCH 1-3 KEY BOARD SWITCH KEY BOARD SWITCH KEY BOARD SWITCH KEY BOARD SWITCH KEY BOARD SWITCH KEY BOARD SWITCH
TP101 TP102	4-2374-00030 4-2374-00030	(PINS) TEST POINT PIN TEST POINT PIN
X101 or	4-2584-00180 4-2584-00181	CERAMIC RESONATOR 4.00MHz CERAMIC RESONATOR 4.00MHz
ZD101 or ZD102 or ZD103 or	DHHZT33 DNMPC574J DFEQA02-35B DGGZA36-Y DFEQA02-30C DGGZA30-Y	(ZENER DIODES) ZENER DIODE HZT33 ZENER DIODE μ PC574J ZENER DIODE EQA02-35B ZENER DIODE GZA36(Y) ZENER DIODE EQA02-30C ZENER DIODE GZA30(Y)

FRONT LEFT P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-03870	FRONT LEFT PC ASSY
	143-2-3504-11300 143-2-3504-11400 143-2-3504-11500 143-2-5604-01900 143-2-5604-09900	SHIELD CASE IR-HAR SHIELD CASE IR TOP-HAR SHIELD CASE IR BOTTOM-HAR SPACER IR-HAA SPACER LED POWER-HAR
C5801 C5802 C5803 C5804 C5805	C1CGEM106A C1HGEM225A C1CGEM106A C1EBDK473SR C1EBDK102SR	(CAPACITORS) ELECT 10 μ F 16V M ELECT 2.2 μ F 50V M ELECT 10 μ F 16V M SEMI 0.047 μ F 25V K SEMI 0.001 μ F 25V K

Schematic Location	Part No.	Description
C5806	C1 CLEM476A	ELECT 47 μ F 16V M
D5801	DESFH205	(DIODES) PH DIODE SFH205
D5802	DYSLR-40MC3F	LED SLR-40MC3F
D5803	DYSLR-40UR3F	LED SLR-40UR3F
IC581	IGLA7224	(IC) IC LA7224
L5801	4-2584-00080	(COILS) COIL (38kHz)
or	4-2584-00081	COIL (38kHz)
R5801	R2ESPJ102A	(RESISTORS) CARBO 1k Ω 1/4W J
R5802	R2ESPJ220A	CARBO 22 Ω 1/4W J
R5804	R2ESPJ473A	CARBO 47k Ω 1/4W J
R5805	R2ESPJ103A	CARBO 10k Ω 1/4W J
R5806	R2ESPJ101A	CARBO 100 Ω 1/4W J
S5801	4-2314-00310	(SWITCHES) KEY BOARD SWITCH
S5802	4-2314-00310	KEY BOARD SWITCH

FRONT RIGHT P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-03892	FRONT RIGHT PC ASSY
	0-4030-02900	1P CORD ASSY
	4-2374-00070	1P TERMINAL-D
	143-2-1954-07000	MODE INDICATOR SHEET-HAR
	143-2-3304-03000	BASE FL MOUNTING-HAR
	143-2-5604-10000	REFLECTOR-HAR
	143-2-5604-10100	SPACER LED FUNCTION-HAR
BR581	4-2214-00380	BLOCK RESIST SANYO 081
or	4-2214-00381	BLOCK RESIST SANYO 081
C1501	C1HCDJ221SL	(CAPACITORS) CERAM 220pF 50V J
C1502	C1HCDJ221SL	CERAM 220pF 50V J
C1503	C1VLEM336A	ELECT 33 μ F 35V M
C1504	COJDFM011T	ELECT 470 μ F 6.3V M
C1505	COJDFM011T	ELECT 470 μ F 6.3V M
C1506	C1HYDZ103F	CERAM 0.01 μ F 50V Z
C1507	C1HYDZ103F	CERAM 0.01 μ F 50V Z
C1508	C1EBDK223SR	SEMI 0.022 μ F 25V K
C1509	C1EBDK223SR	SEMI 0.022 μ F 25V K
C1511	C1EBDK103SR	SEMI 0.01 μ F 25V K
C5807	C1HYDZ103F	CERAM 0.01 μ F 50V Z
D1501	DFERB12-01	(DIODES) DIODE ERB12-01
or	DGDSF10C	DIODE DSF10C
D1503	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1504	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1505	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1507	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1508	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1509	DGGMA01	DIODE GMA01

Schematic Location	Part No.	Description
or	DY1SS131	DIODE 1SS131
D1512	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1513	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1514	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1515	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D1516	DGGMA01	DIODE GMA01
or	DY1SS131	DIODE 1SS131
D5804	DYSLR-40MC3F	LED SLR-40MC3F
D5805	DYSLR-40UR3F	LED SLR-40UR3F
D5806	DYSLR-40MC3F	LED SLR-40MC3F
D5807	DYSLR-40MC3F	LED SLR-40MC3F
D5808	DYSLR-40UR3F	LED SLR-40UR3F
D5809	DYSLR-40UR3F	LED SLR-40UR3F
FL151	4-2154-00080	DIGITRON
IC151	IGLC6514B3005	(ICS) IC LC6514-3005
IC152	IMMN1280-M	IC MN1280-M
or	ISS-8053ALR	IC S-8053ALR
PA105	4-2364-00290	(PLUGS) 9P PLUG VERTICAL
PB502	4-2364-00220	2P PLUG VERTICAL
PB503	4-2364-00290	9P PLUG VERTICAL
PB509	4-2364-00220	2P PLUG VERTICAL
Q1502	TG2SC536NP	(TRANSISTORS) TR 2SC536NP(F)or(G)
or	TG2SC536SP	TR 2SC536SP(F)or(G)
or	TN2SC945	TR 2SC945(K)or(P)
or	TY2SC1740	TR 2SC1740(R)or(S)
Q1503	TG2SA1345	DIGI TR 2SA1345
or	TYDTA144S	DIGI TR DTA144S
Q1504	TG2SA1345	DIGI TR 2SA1345
or	TYDTA144S	DIGI TR DTA144S
Q1505	TG2SA1345	DIGI TR 2SA1345
or	TYDTA144S	DIGI TR DTA144S
Q5801	TG2SA608SP	TR 2SA608SP(F)or(G)
or	TN2SA733	TR 2SA733(K)or(P)
R1501	R2ESPJ105A	(RESISTORS) CARBO 1M Ω 1/4W J
R1502	R2ESPJ102A	CARBO 1k Ω 1/4W J
R1503	R2ESPJ101A	CARBO 100 Ω 1/4W J
R1505	R2ESPJ103A	CARBO 10k Ω 1/4W J
R1507	R2ESPJ563A	CARBO 56k Ω 1/4W J
R1508	R2ESPJ184A	CARBO 180k Ω 1/4W J
R1509	R2ESPJ184A	CARBO 180k Ω 1/4W J
R1511	R2ESPJ334A	CARBO 330k Ω 1/4W J
R1512	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1513	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1514	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1515	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1516	R2ESPJ122A	CARBO 1.2k Ω 1/4W J
R1517	R2ESPJ122A	CARBO 1.2k Ω 1/4W J
R1518	R2ESPJ122A	CARBO 1.2k Ω 1/4W J
R1519	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1520	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1521	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1522	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1523	R2ESPJ223A	CARBO 22k Ω 1/4W J
R1524	R2ESPJ333A	CARBO 33k Ω 1/4W J
R1525	R2ESPJ333A	CARBO 33k Ω 1/4W J

Schematic Location	Part No.	Description
R1526	R2ESPJ333A	CARBO 33k Ω 1/4W J
R1527	R2ESPJ333A	CARBO 33k Ω 1/4W J
R1528	R2ESPJ223A	CARBO 22k Ω 1/4W J
R5808	R2ESPJ103A	CARBO 10k Ω 1/4W J
R5809	R2ESPJ103A	CARBO 10k Ω 1/4W J
R5811	R2ENPD8571K	METAL 8.57k Ω 1/4W D
(SWITCHES)		
S1501	4-2314-00310	KEY BOARD SWITCH
S1502	4-2314-00310	KEY BOARD SWITCH
S1503	4-2314-00310	KEY BOARD SWITCH
S1504	4-2314-00310	KEY BOARD SWITCH
S1505	4-2314-00310	KEY BOARD SWITCH
S1506	4-2314-00310	KEY BOARD SWITCH
S1507	4-2314-00310	KEY BOARD SWITCH
S1508	4-2314-00310	KEY BOARD SWITCH
S1509	4-2314-00310	KEY BOARD SWITCH
S1511	4-2314-00310	KEY BOARD SWITCH
S1512	4-2314-00310	KEY BOARD SWITCH
S1513	4-2314-00310	KEY BOARD SWITCH
S1515	4-2314-00570	SLIDE SWITCH 1-2
S1516	4-2314-00580	SLIDE SWITCH 1-3
S5803	4-2314-00310	KEY BOARD SWITCH
S5804	4-2314-00310	KEY BOARD SWITCH
S5805	4-2314-00310	KEY BOARD SWITCH
S5806	4-2314-00310	KEY BOARD SWITCH
S5807	4-2314-00310	KEY BOARD SWITCH
S5808	4-2314-00310	KEY BOARD SWITCH
(PINS)		
TP151	4-2374-00030	TEST POINT PIN
TP152	4-2374-00030	TEST POINT PIN
(VARIABLE RESISTOR)		
VR581	4-2224-01420	VARIABLE RESISTOR 500k \times 1
W4801	317-3-0901-00353	UL2773 (2.0) 8S
W4802	317-3-0901-00353	UL2773 (2.0) 8S
W4803	0-4053-00210	CORD ASSY
X151	4-2584-00040	CERAMIC RESONATOR 800kHz
or	4-2584-00041	CERAMIC RESONATOR 800kHz
(ZENER DIODES)		
ZD151	DGGZM24-B2	ZENER DIODE GZM24(B2)
or	DYMTZ24-C	ZENER DIODE MTZ24(C)
ZD152	DGGZM6.8-B2	ZENER DIODE GZM6.8(B2)
or	DYMTZ6.8-C	ZENER DIODE MTZ6.8(C)

POWER CIRCUIT P.C.B. PARTS

Schematic Location	Part No.	Description
	0-4014-03840	POWER A PC ASSY
	4-2354-00700	FUSE CLIP
	103-3-1903-00811	SCREW BRAZIER HD TAPPING +M3 \times 8
	143-2-3404-15500	BRACKET TRANSISTOR-HAR
(CAPACITORS)		
C901 Δ	C2EMRM473B-W	M-FIL 0.047 μ F 250V M
C902 Δ	C1HYDZ472F	CERAM 0.0047 μ F 50V Z
C903 Δ	C1ELEM478A	ELECT 4700 μ F 25V M
C904 Δ	C1CLEM108A	ELECT 1000 μ F 16V M
C906 Δ	C1JREM227A	ELECT 220 μ F 63V M
C907 Δ	C1JREM227A	ELECT 220 μ F 63V M
C908	C1CLEM476A	ELECT 47 μ F 16V M

Schematic Location	Part No.	Description
C909	C1EBDK472SR	SEMI 0.0047 μ F 25V K
C911	C1CLEM106A	ELECT 10 μ F 16V M
(DIODES)		
D901 Δ	DFERC04-02F	DIODE ERC04-02F
or	DGDSB15C	DIODE DSB15C
D902 Δ	DFERC04-02F	DIODE ERC04-02F
or	DGDSB15C	DIODE DSB15C
D903 Δ	DFERC04-02F	DIODE ERC04-02F
or	DGDSB15C	DIODE DSB15C
D904 Δ	DFERC04-02F	DIODE ERC04-02F
or	DGDSB15C	DIODE DSB15C
D905 Δ	DFERB12-02	DIODE ERB12-02
or	DGDSF10C	DIODE DSF10C
D906 Δ	DFERB12-02	DIODE ERB12-02
or	DGDSF10C	DIODE DSF10C
D907 Δ	DFERB12-02	DIODE ERB12-02
or	DGDSF10C	DIODE DSF10C
F901 Δ	4-2344-00070	FUSE T500MA SEMKO
or	4-2344-00071	FUSE T500MA SEMKO
F902 Δ	4-2344-00240	PROTECTOR 3.15A SSFR
F903 Δ	4-2344-00240	PROTECTOR 3.15A SSFR
(PLUGS)		
PA901	4-2364-00020	2P PLUG VERTICAL
PA902	4-2364-00240	4P PLUG VERTICAL
PA903	4-2364-00280	8P PLUG VERTICAL
PA904	4-2364-00230	3P PLUG VERTICAL
PA905	4-2364-00290	9P PLUG VERTICAL
PA907	4-2364-00220	2P PLUG VERTICAL
(TRANSISTORS)		
Q901	TG2SB764	TR 2SB764(F)
Q902	TG2SC536SP	TR 2SC536SP(F)
or	TN2SC945	TR 2SC945(P)
Q903	TG2SC536SP	TR 2SC536SP(F)
or	TN2SC945	TR 2SC945(P)
Q905	TG2SD894	DARL TR 2SD894
Q906	TG2SD313	TR 2SD313(E)or(F)
(RESISTORS)		
R902	R2ESPJ152A	CARBO 1.5k Ω 1/4W J
R903	R2ESPJ562A	CARBO 5.6k Ω 1/4W J
R904	R2ESPJ473A	CARBO 47k Ω 1/4W J
R905	R2ESPJ184A	CARBO 180k Ω 1/4W J
R906	R2ESPJ472A	CARBO 4.7k Ω 1/4W J
R907	R2ESPJ103A	CARBO 10k Ω 1/4W J
R912	R2ESPJ334A	CARBO 330k Ω 1/4W J
R913	R2ESPJ153A	CARBO 15k Ω 1/4W J
R916	R2ESPJ273A	CARBO 27k Ω 1/4W J
R917	R2ESPJ103A	CARBO 10k Ω 1/4W J
R918	R2ESPJ153A	CARBO 15k Ω 1/4W J
TP901	4-2374-00030	(PIN) TEST POINT PIN
ZD901	DGGZA13-Y	(ZENER DIODE) ZENER DIODE GZA13(Y)
	0-4014-03850	POWER B PC ASSY
(CAPACITORS)		
C912	C1CLEM106A	ELECT 10 μ F 16V M
C913	C1ELEM106A	ELECT 10 μ F 25V M
C914	C1CLEM106A	ELECT 10 μ F 16V M

FVH-P905K

**(CHAMPAGNE GOLD)
(BLACK)**

(EUROPE)

SCHEMATIC DIAGRAM & PRINTED CIRCUIT BOARD

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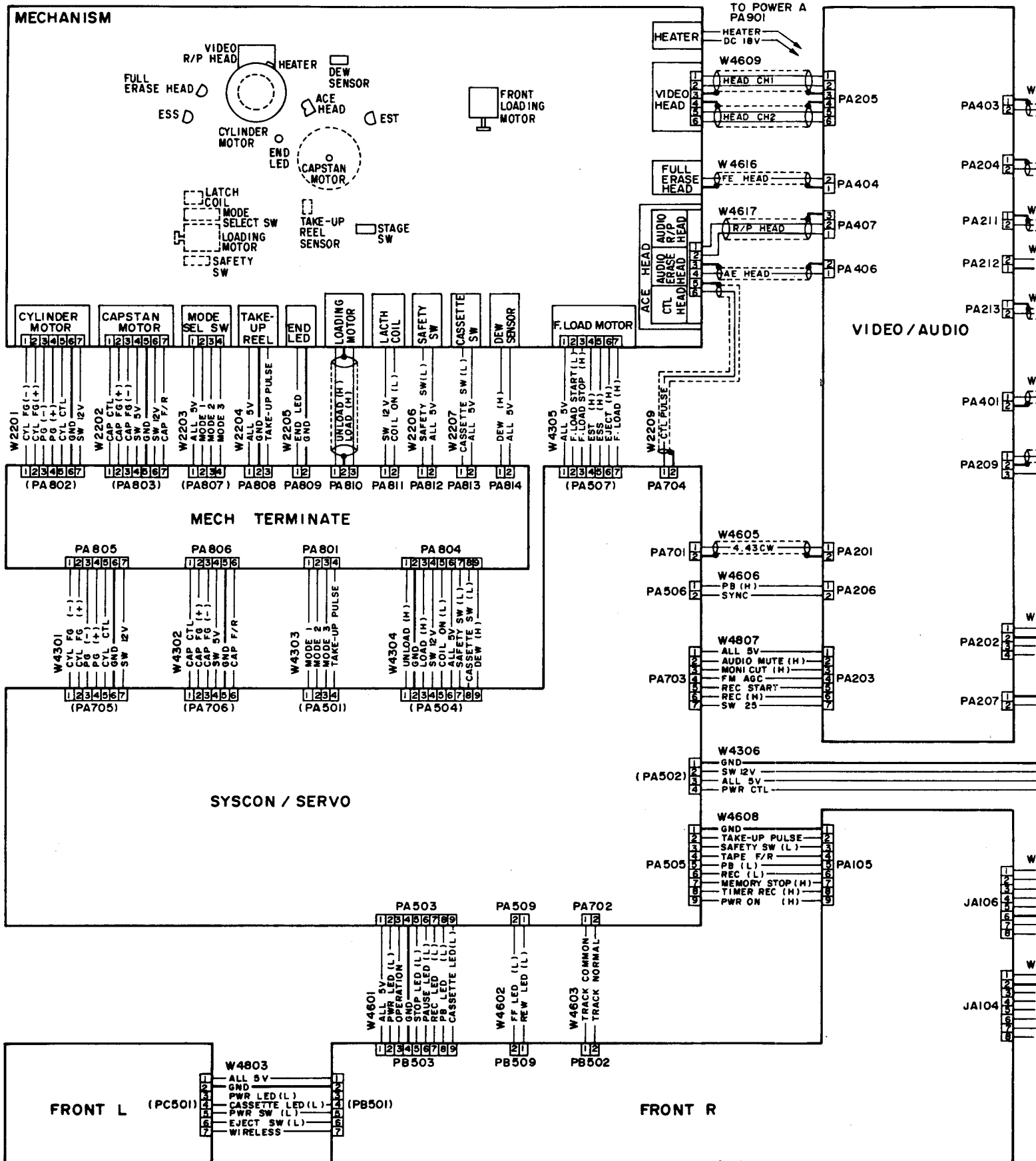
PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN COMPONENT REPLACEMENT IS MADE IN ANY AREA OF A UNIT. COMPONENTS INDICATED BY THE SYMBOL \triangle IN THIS SCHEMATIC DIAGRAM SHOW COMPONENTS WHOSE VALUE HAVE SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS SPECIFIED ON THE ATTACHED PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY THE SYMBOL.

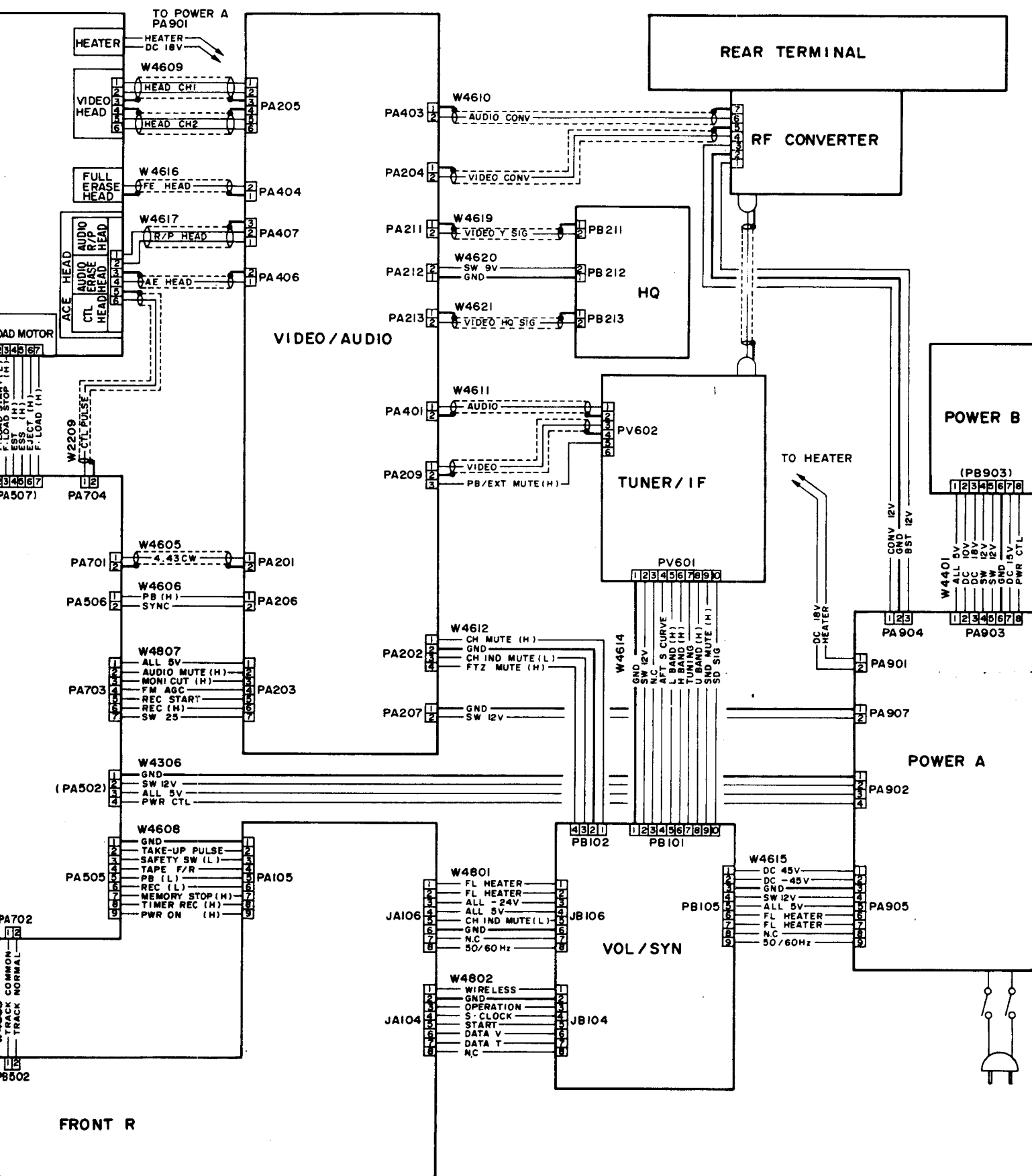
NOTES:

1. All resistance values in "OHMS" unless otherwise noted.
(K=1,000 M=1,000,000)
2. All inductance values in "mH" unless otherwise noted.
 μ =micro henry.
3. Unless otherwise noted in schematic diagram, all capacitors less than 1 are expressed in mfd, and the values larger than 1 are in pF.
4. Voltage reading may vary $\pm 20\%$
5. This is a fundamental circuit diagram. Some production changes may be made without revision of the diagram.

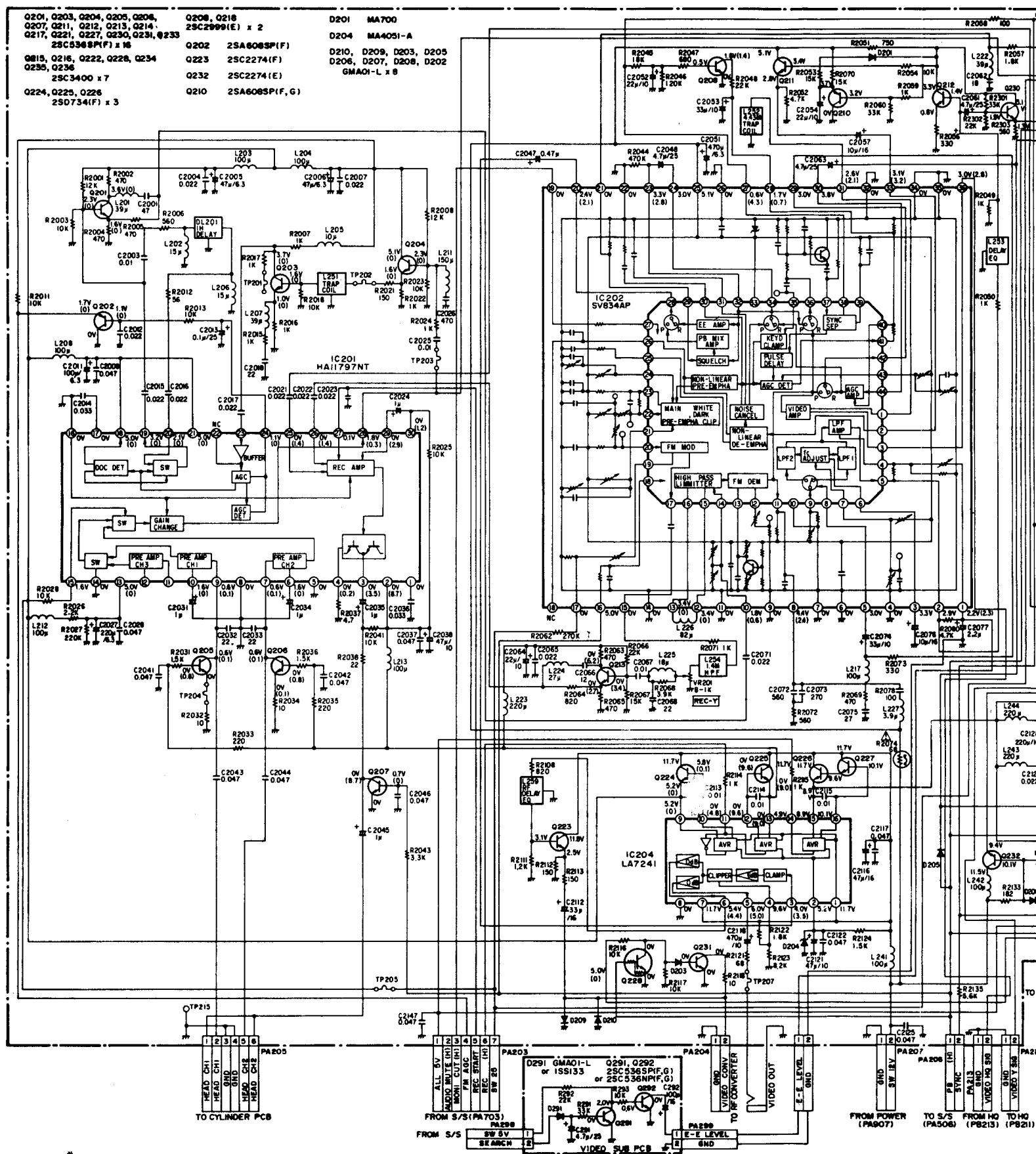
OVER ALL WIRING DIAGRAM



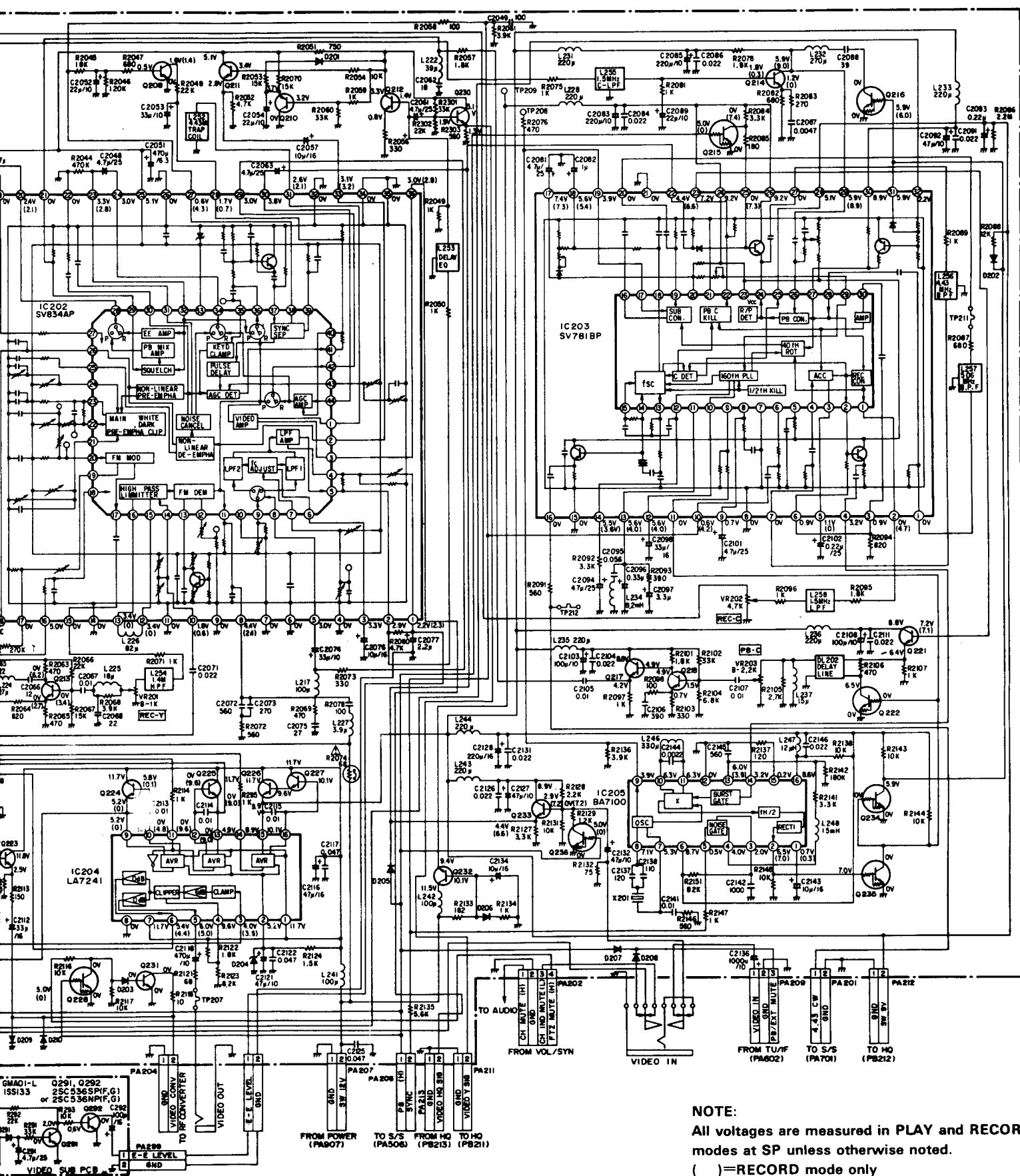
OVER ALL WIRING DIAGRAM



VIDEO CIRCUIT AND VIDEO SUB CIRCUIT DIAGRAM



VIDEO CIRCUIT AND VIDEO SUB CIRCUIT DIAGRAM

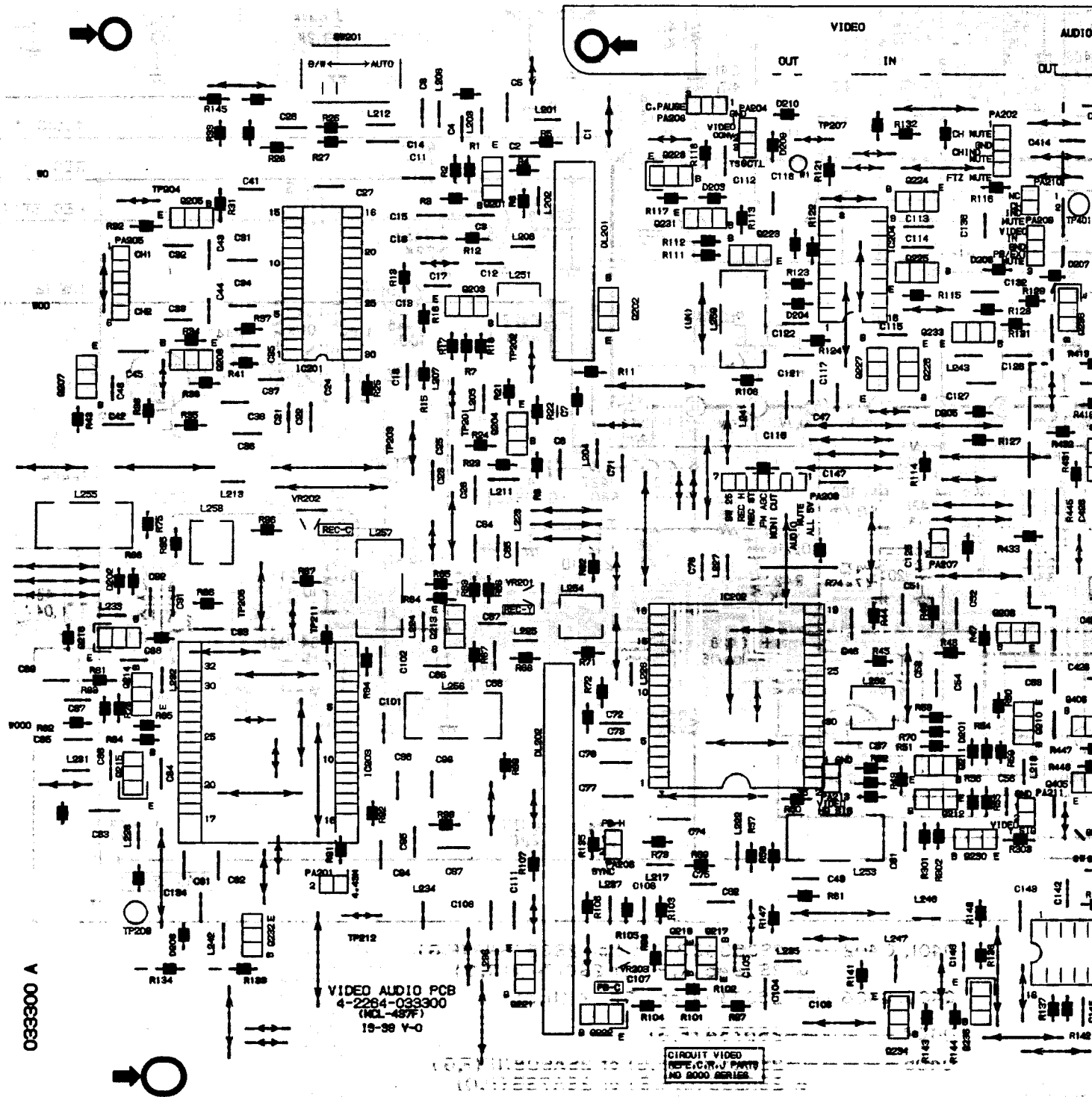


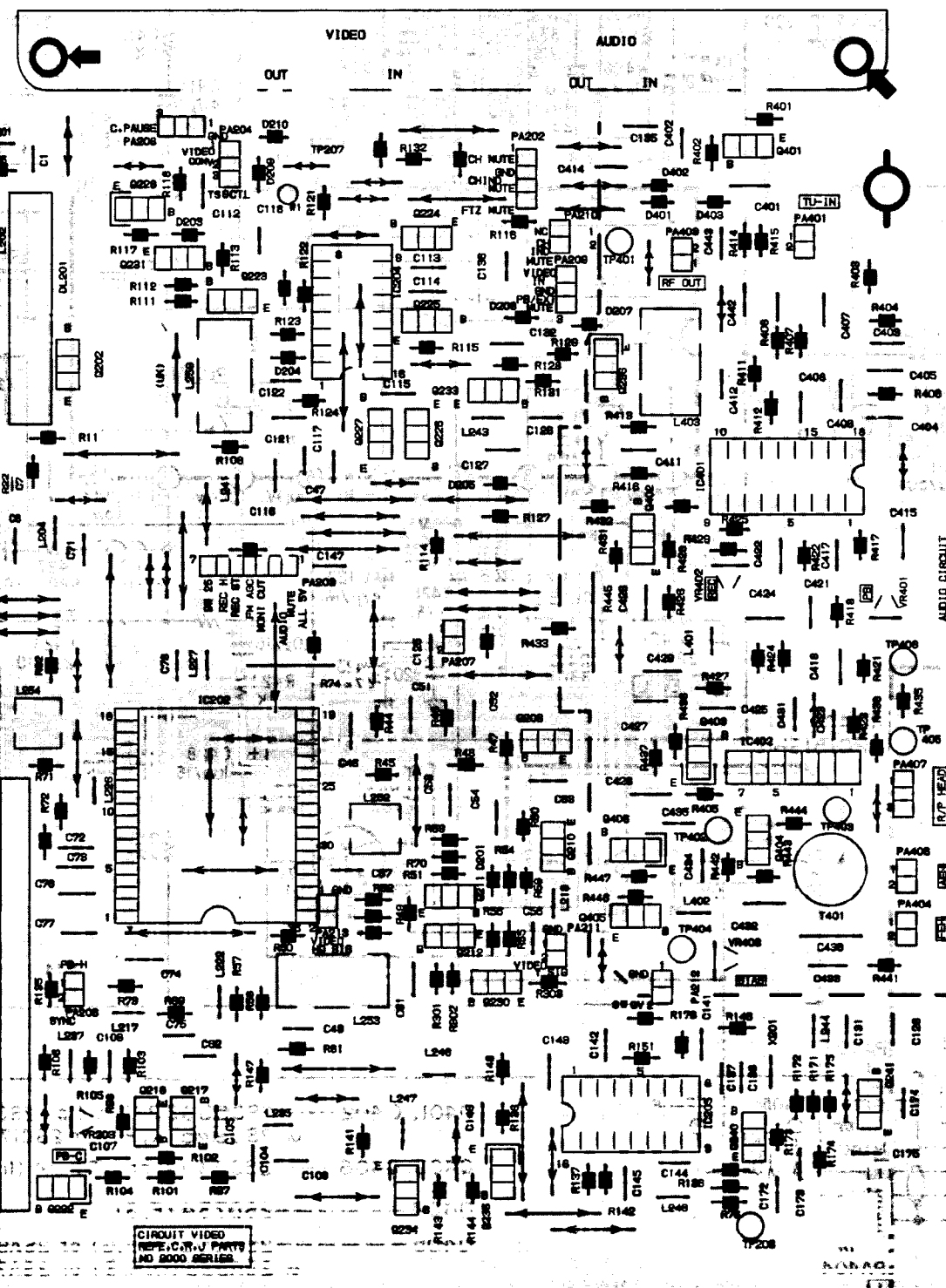
NOTE:

All voltages are measured in PLAY and RECORD modes at SP unless otherwise noted.

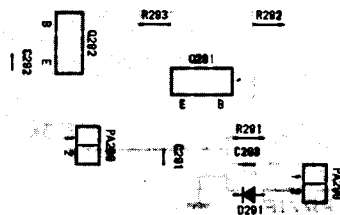
() = RECORD mode only

VIDEO, AUDIO AND VIDEO SUB CIRCUIT P.C.B.

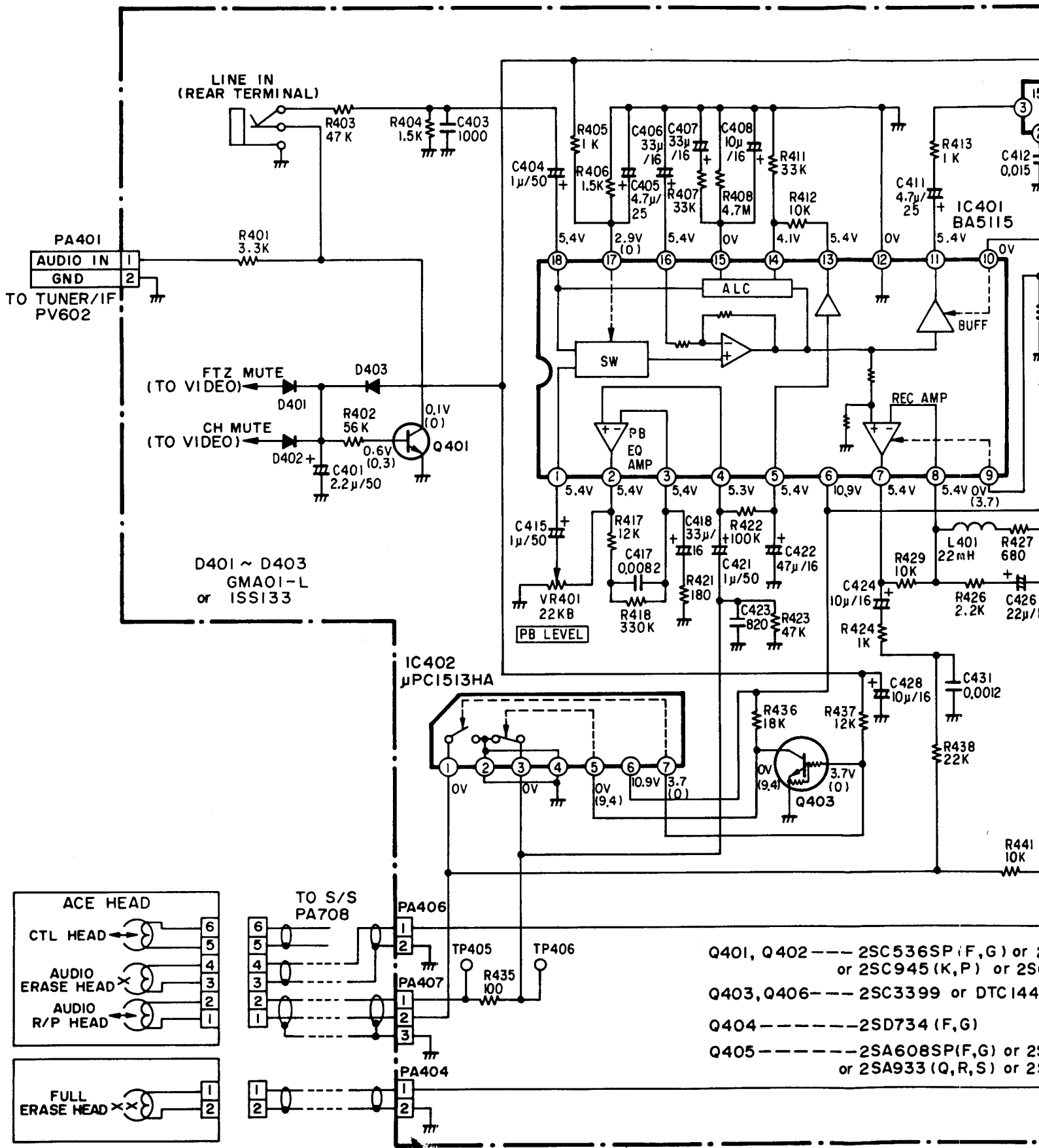




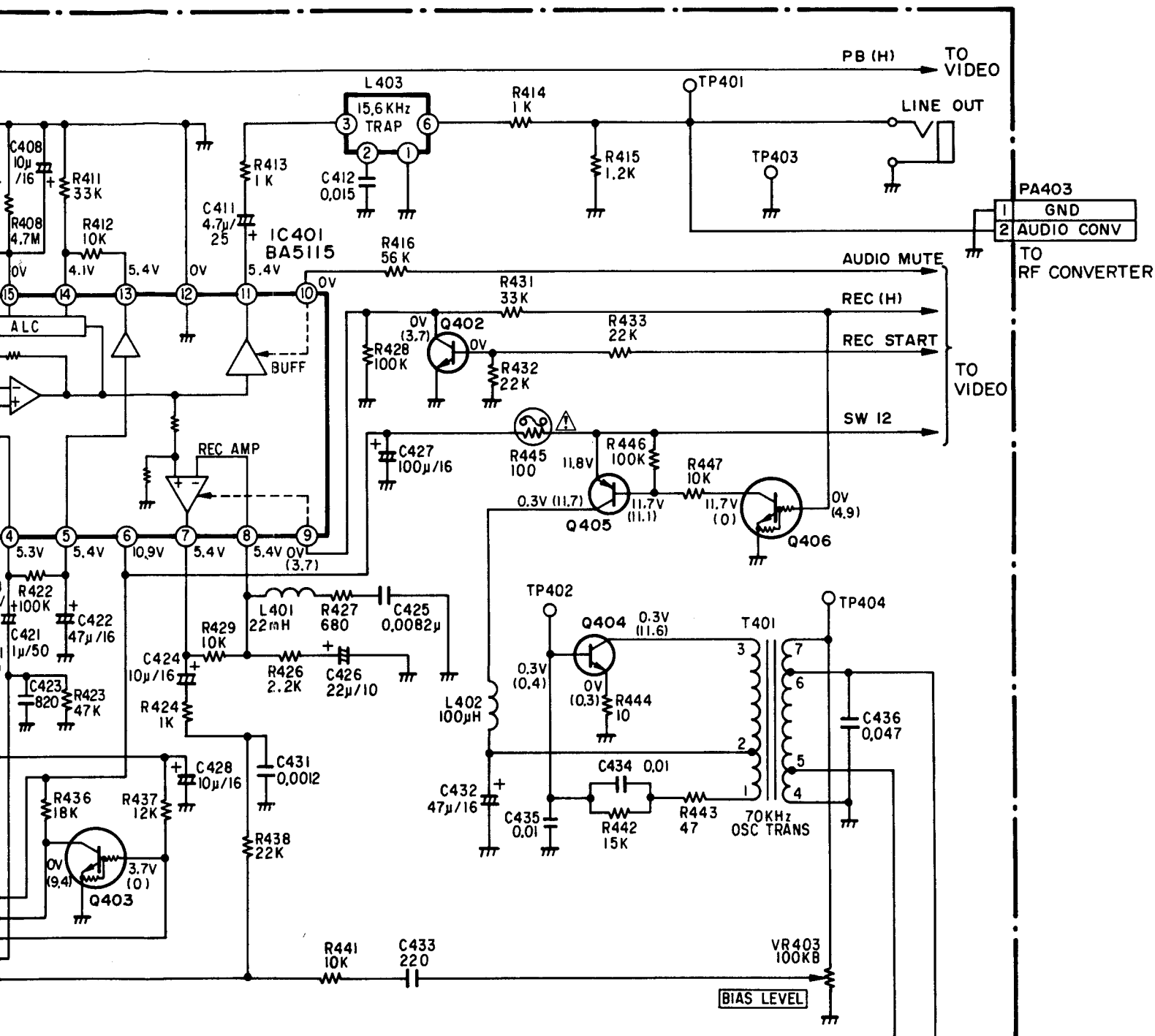
42264-041300



AUDIO CIRCUIT DIAGRAM



AUDIO CIRCUIT DIAGRAM



Q401, Q402 --- 2SC536SP (F,G) or 2SC536NP (F,G)
or 2SC945 (K,P) or 2SC1740 (R,S)

Q403, Q406 --- 2SC3399 or DTC144 (N,S)

Q404 --- 2SD734 (F,G)

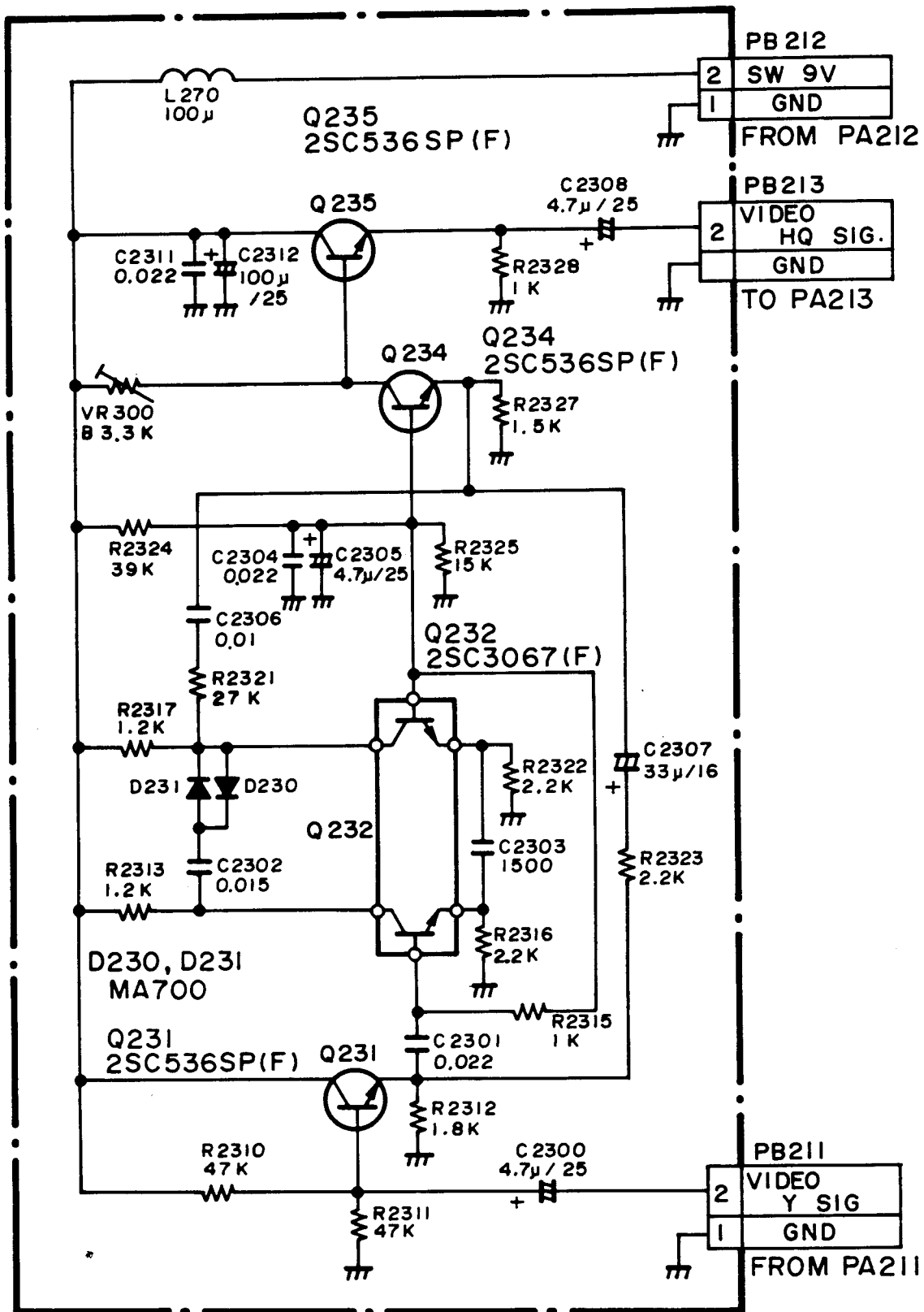
Q405 --- 2SA608SP (F,G) or 2SA608NP (F,G)
or 2SA933 (Q,R,S) or 2SA733 (P,Q)

NOTE:

All voltages are measured in PLAY and RECORD modes at SP unless otherwise noted.

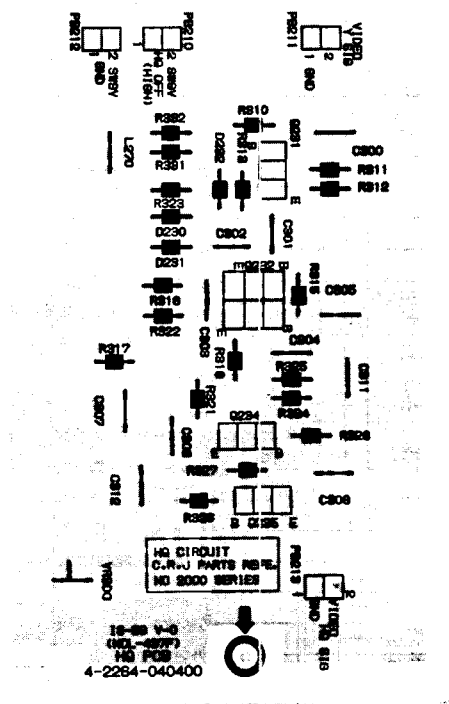
() = RECORD mode only

VIDEO HIGH QUALITY CIRCUIT DIAGRAM

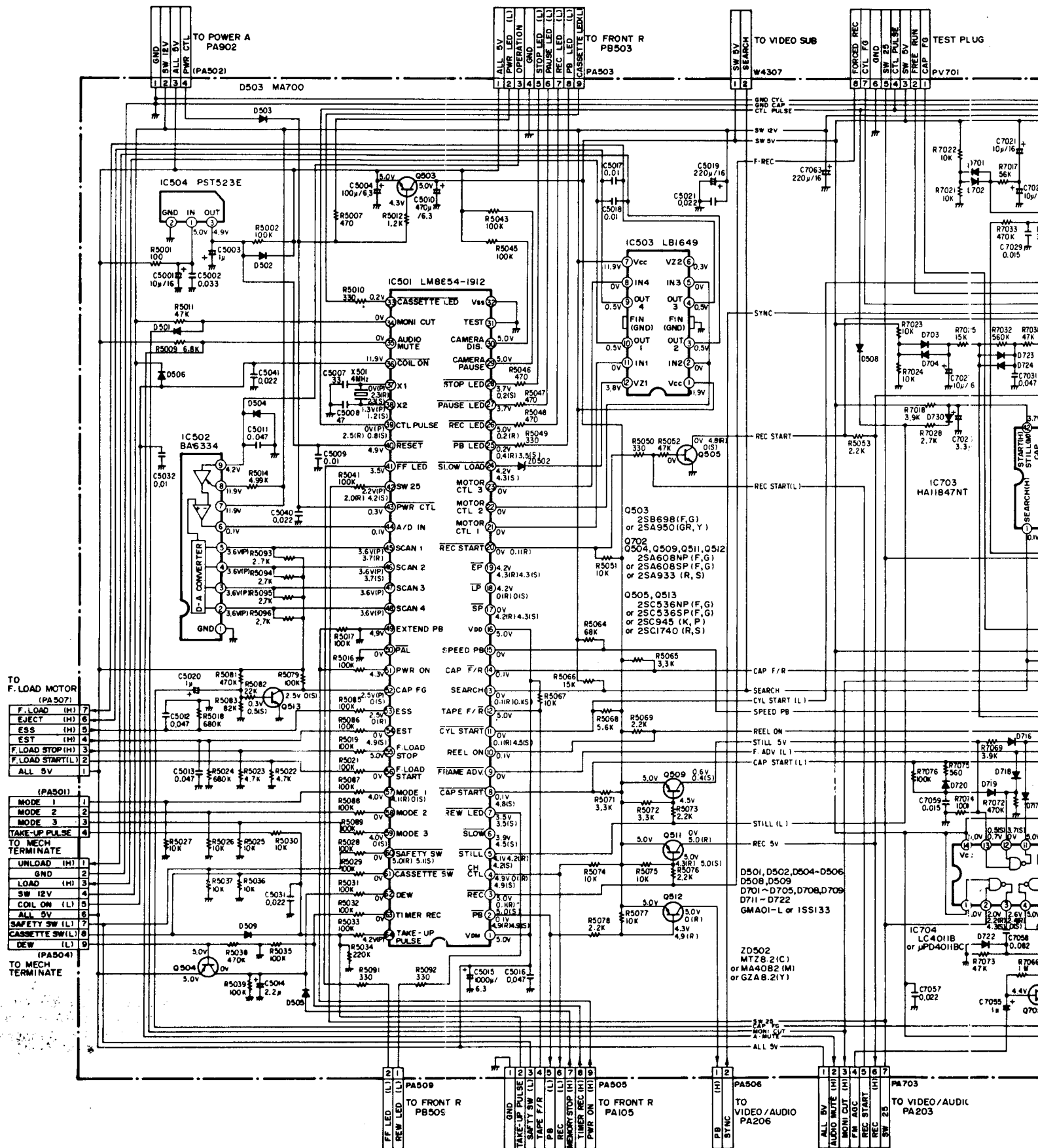


GRAM AND VIDEO HIGH QUALITY CIRCUIT P.C.B.

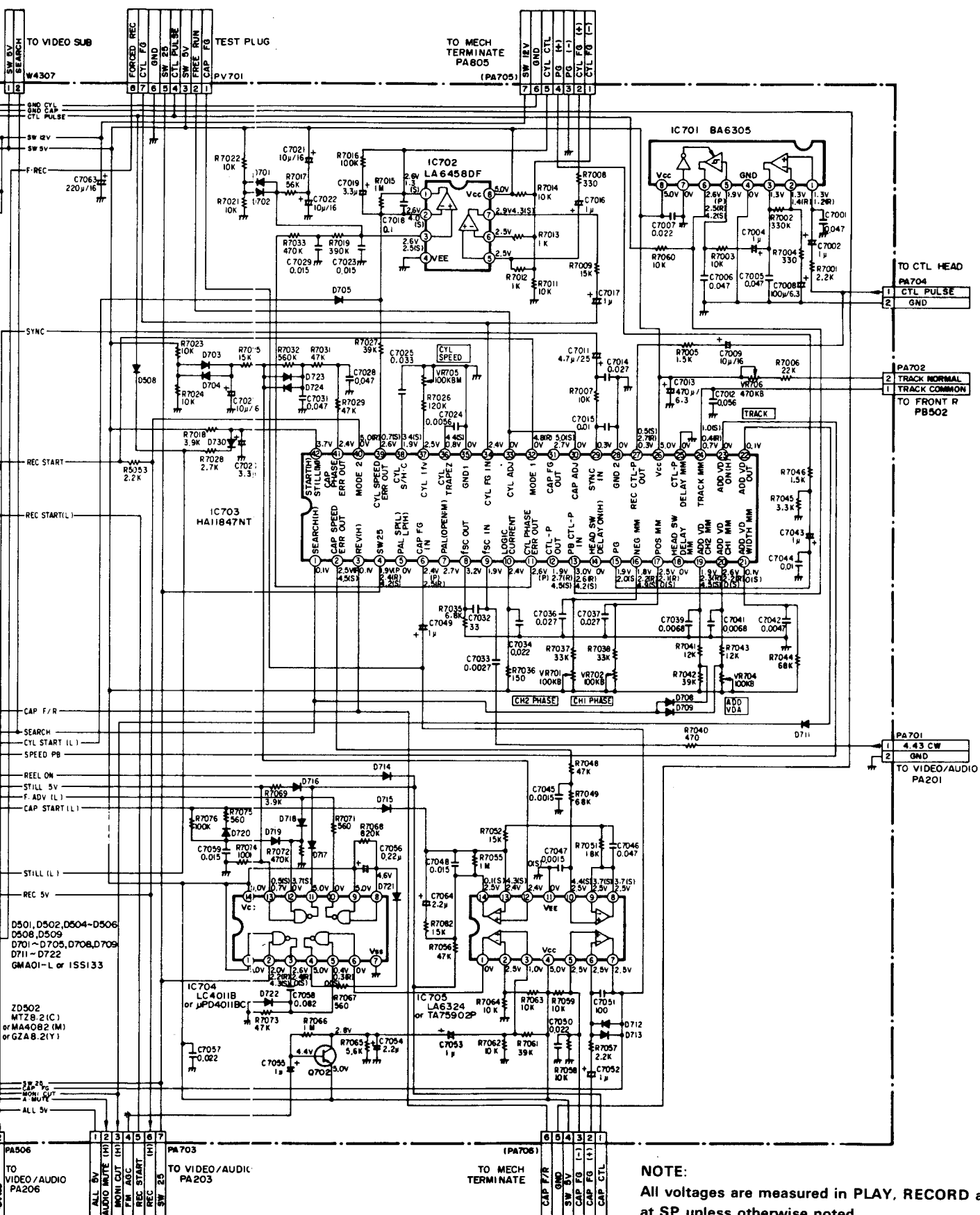
VIDEO HIGH QUALITY CIRCUIT P.C.B.



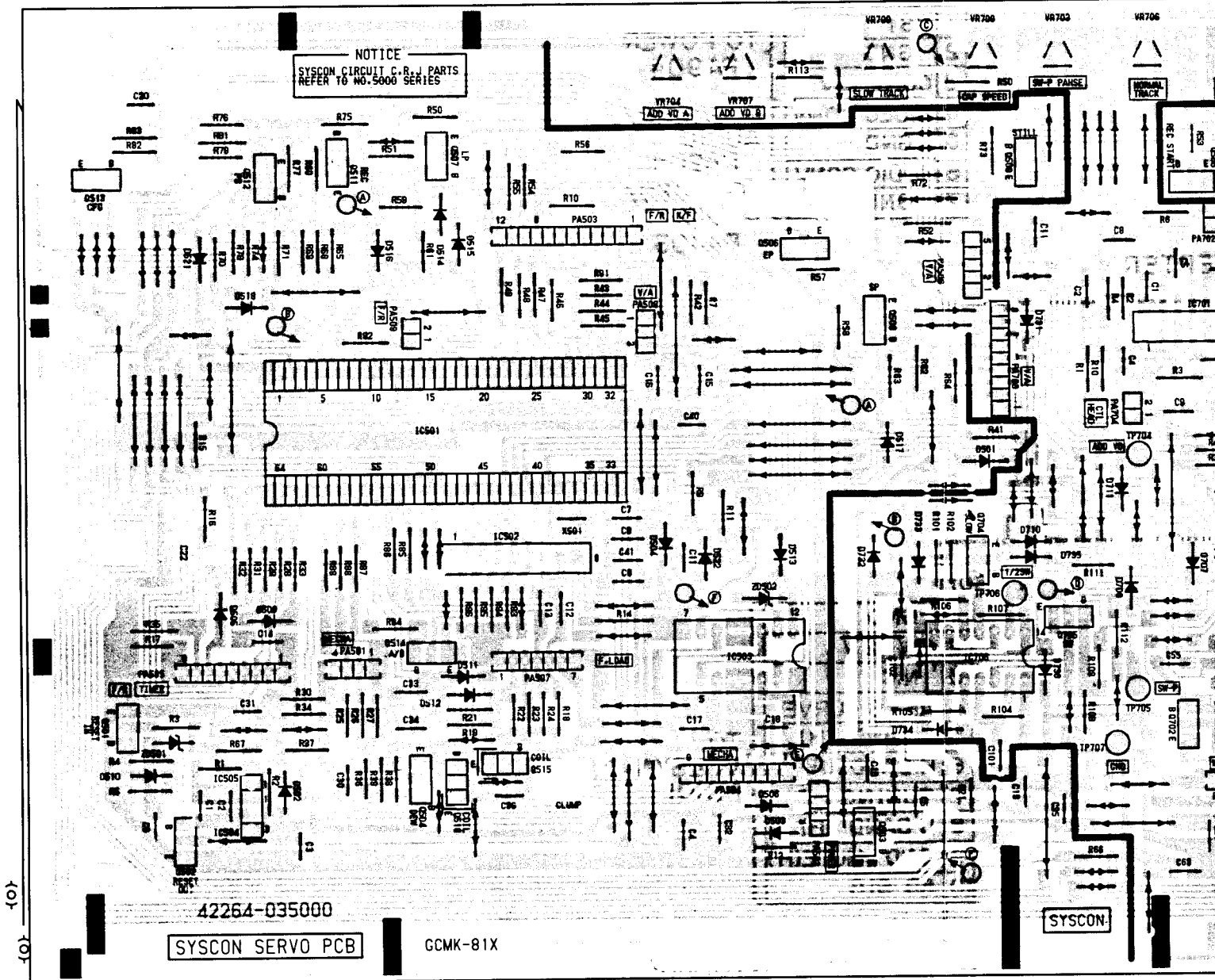
SYSTEM CONTROL SERVO CIRCUIT DIA



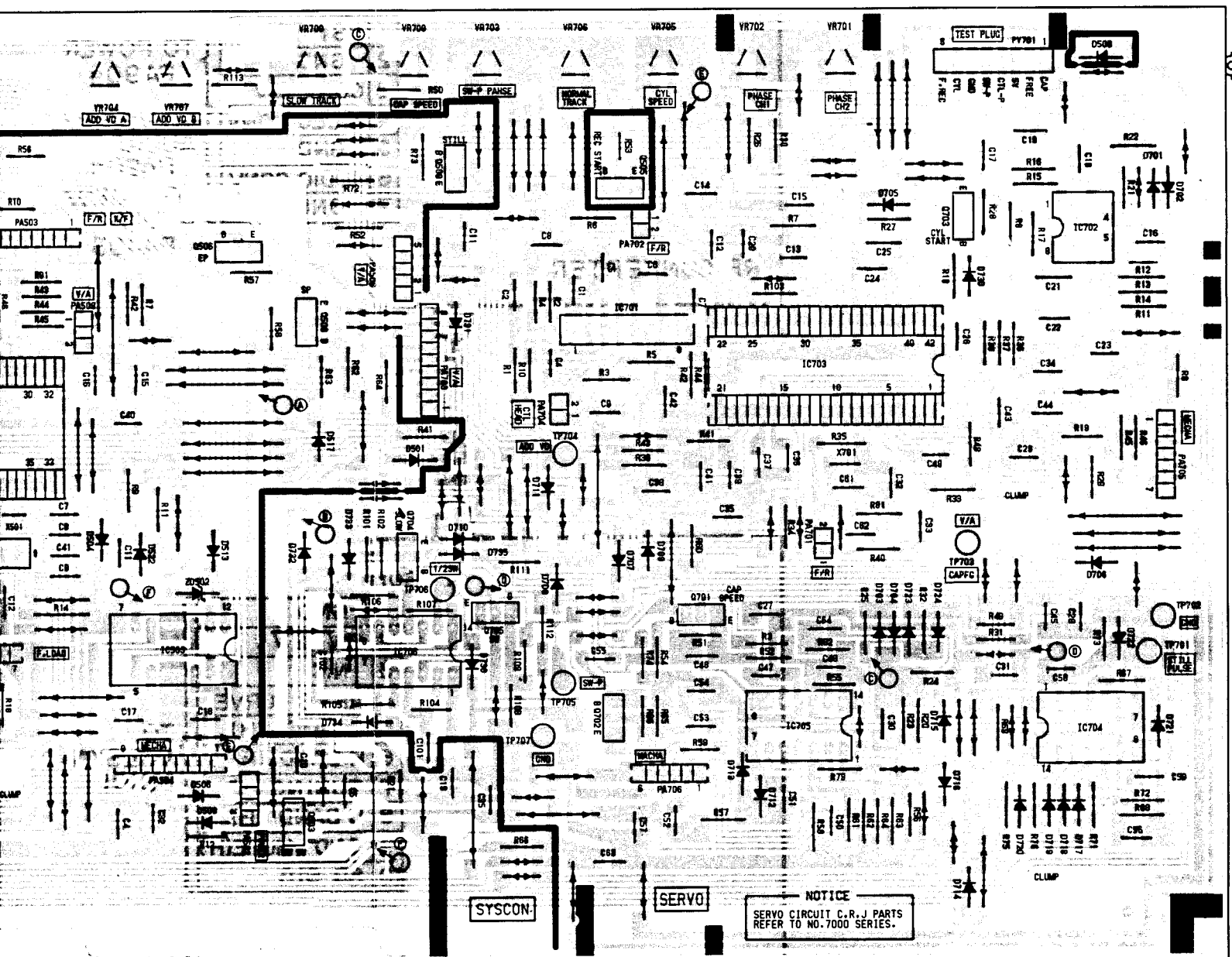
M CONTROL SERVO CIRCUIT DIAGRAM



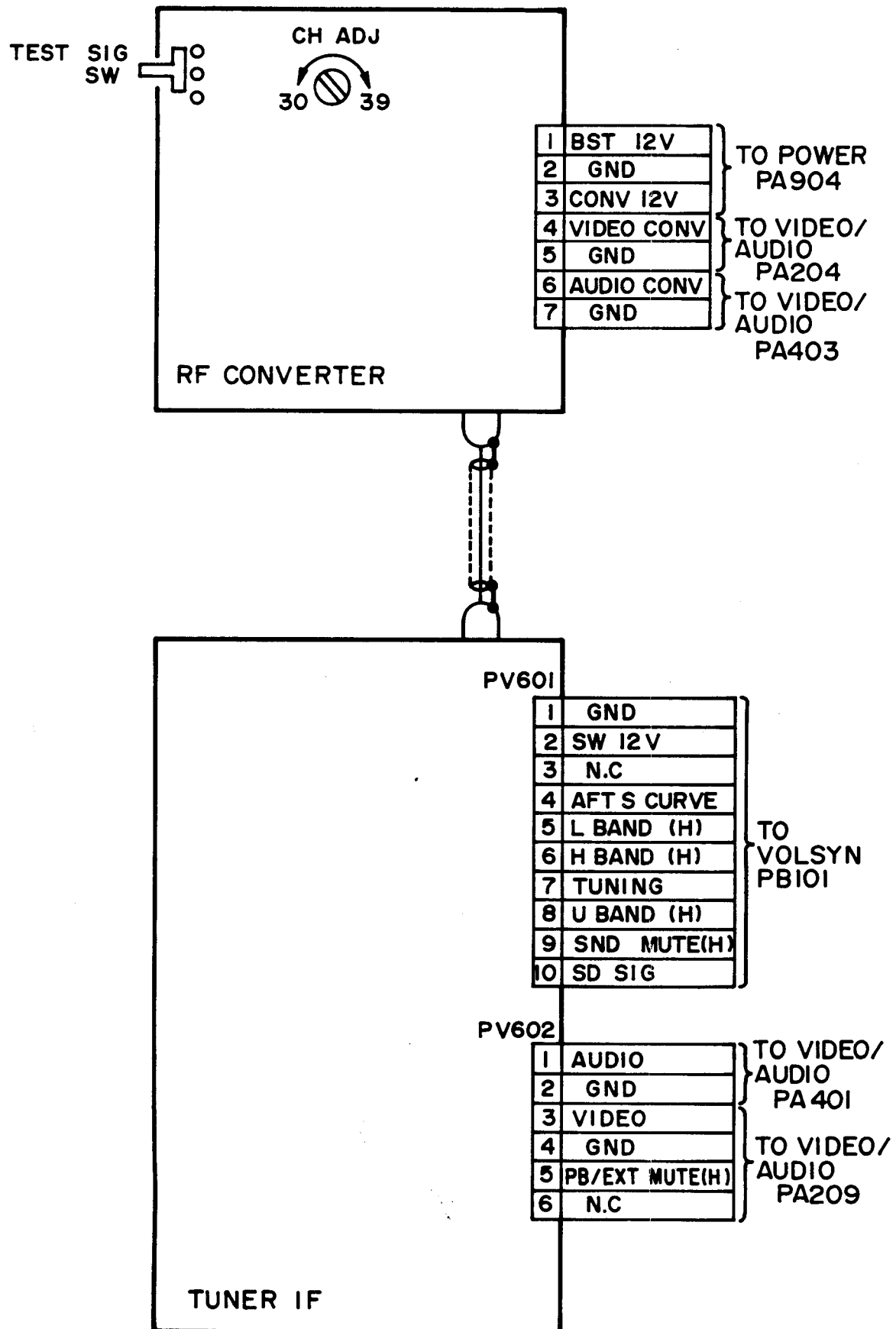
SYSTEM CONTROL SERVO CIRCUIT P.C.B.



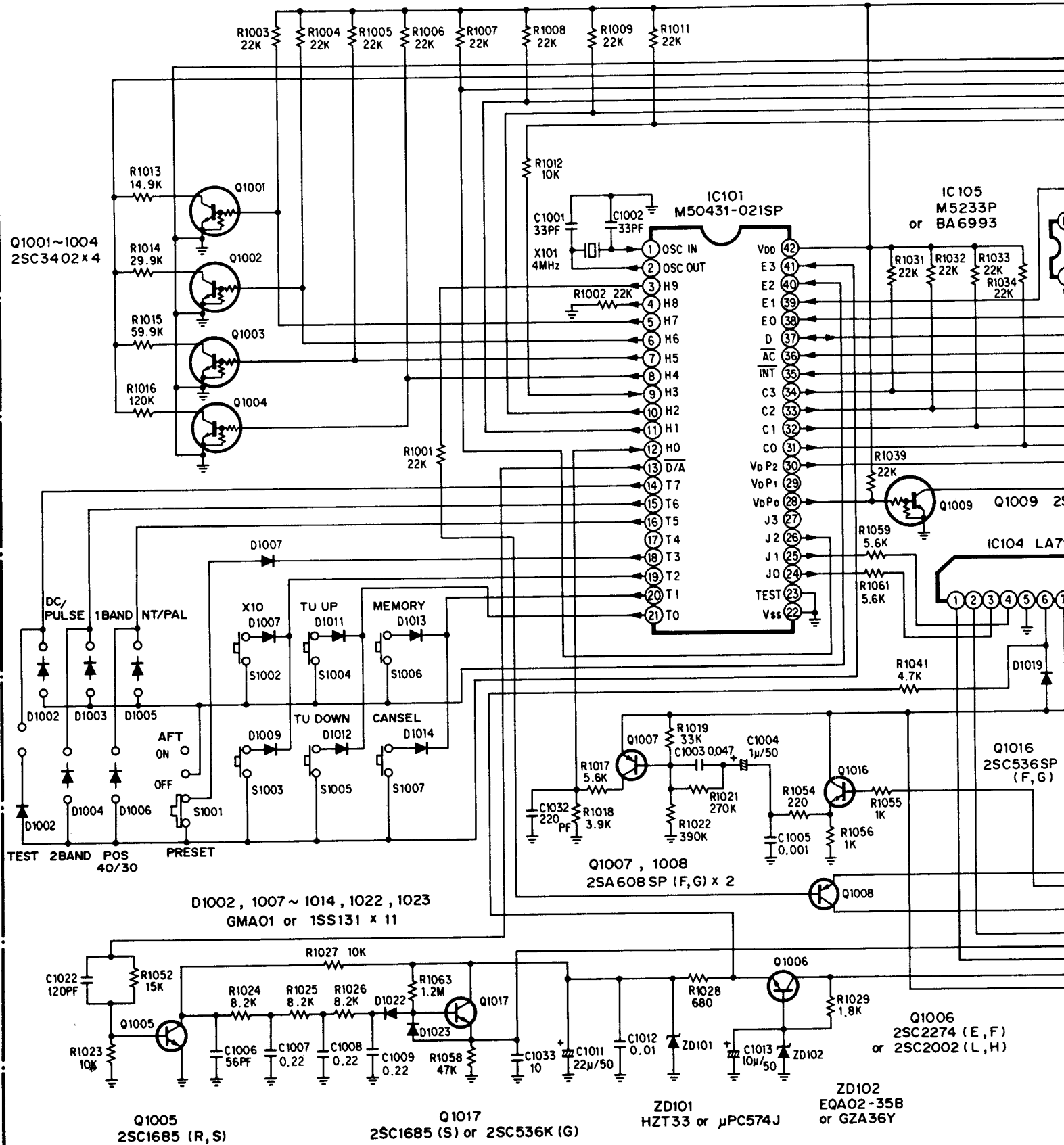
192



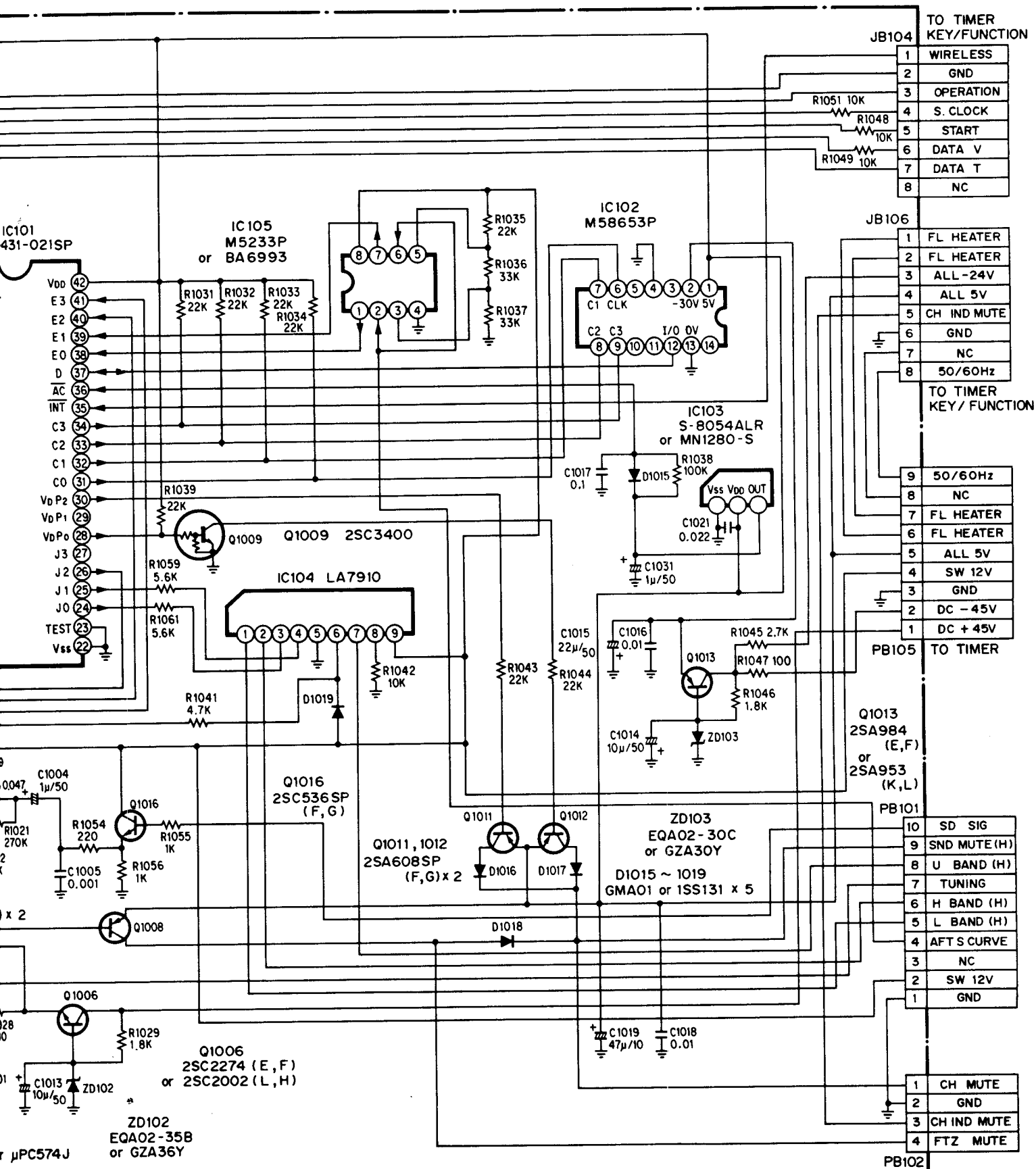
TUNER RF CONVERTER CIRCUIT DIAGRAM



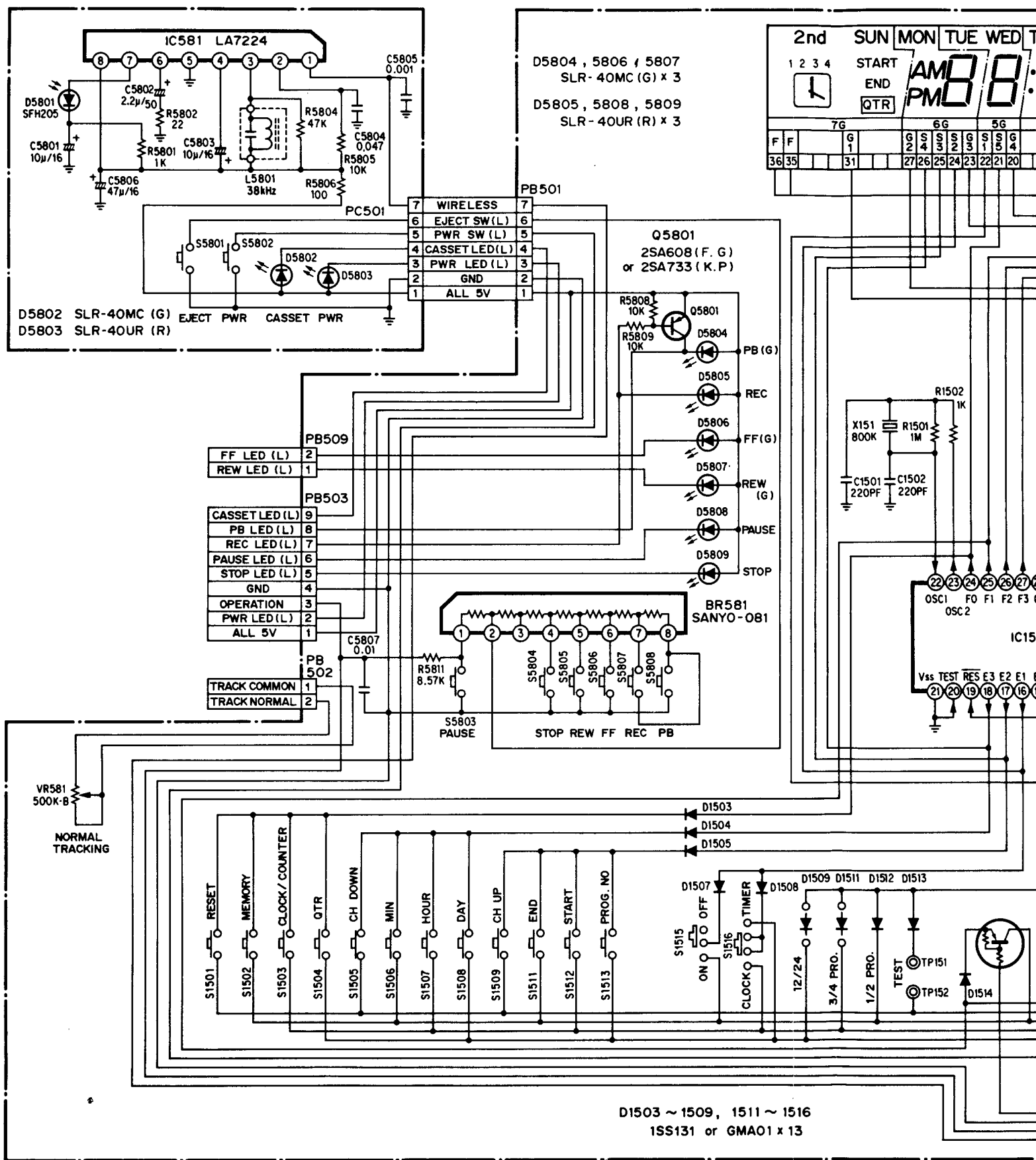
VOLTAGE SYNTHESIZER CIRCUIT DIAG



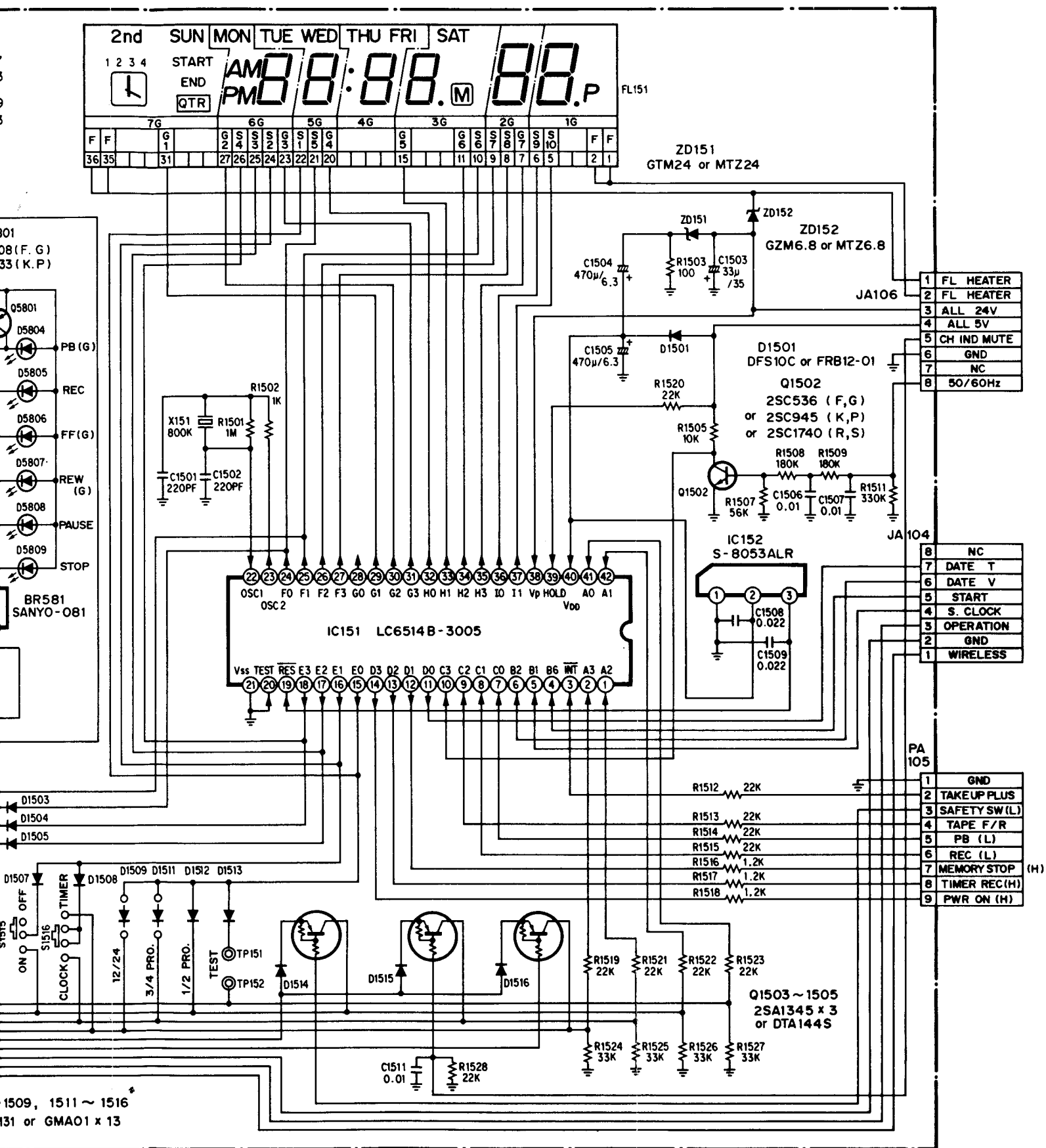
STAGE SYNTHESIZER CIRCUIT DIAGRAM



FRONT LEFT AND FRONT RIGHT CIRCUIT DIA



LEFT AND FRONT RIGHT CIRCUIT DIAGRAM



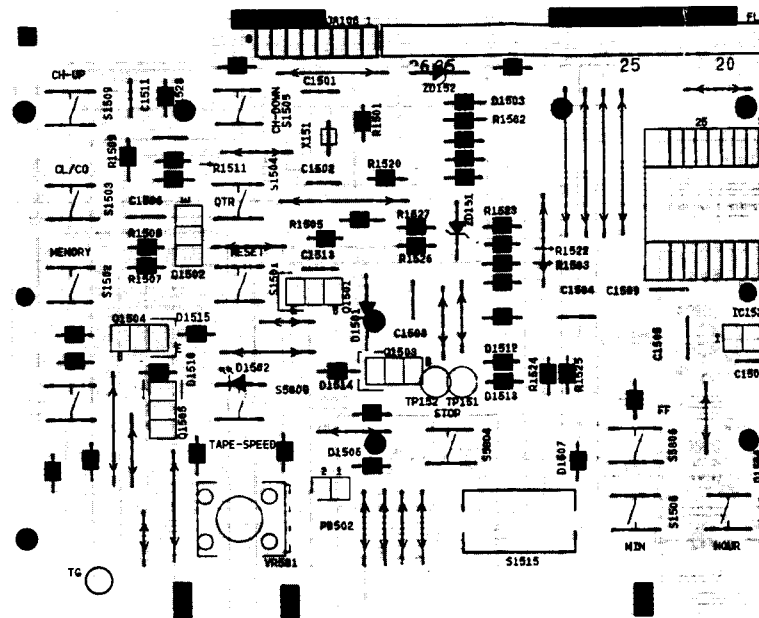
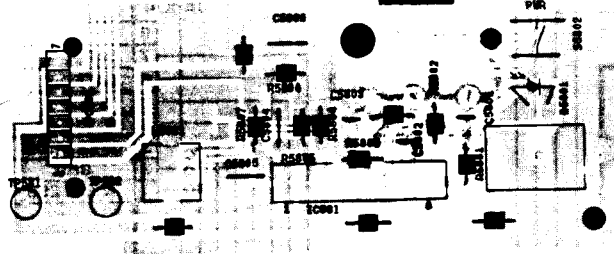
FRONT LEFT AND FRONT RIGHT CIRCUIT

FRONT LEFT CIRCUIT P.C.B.

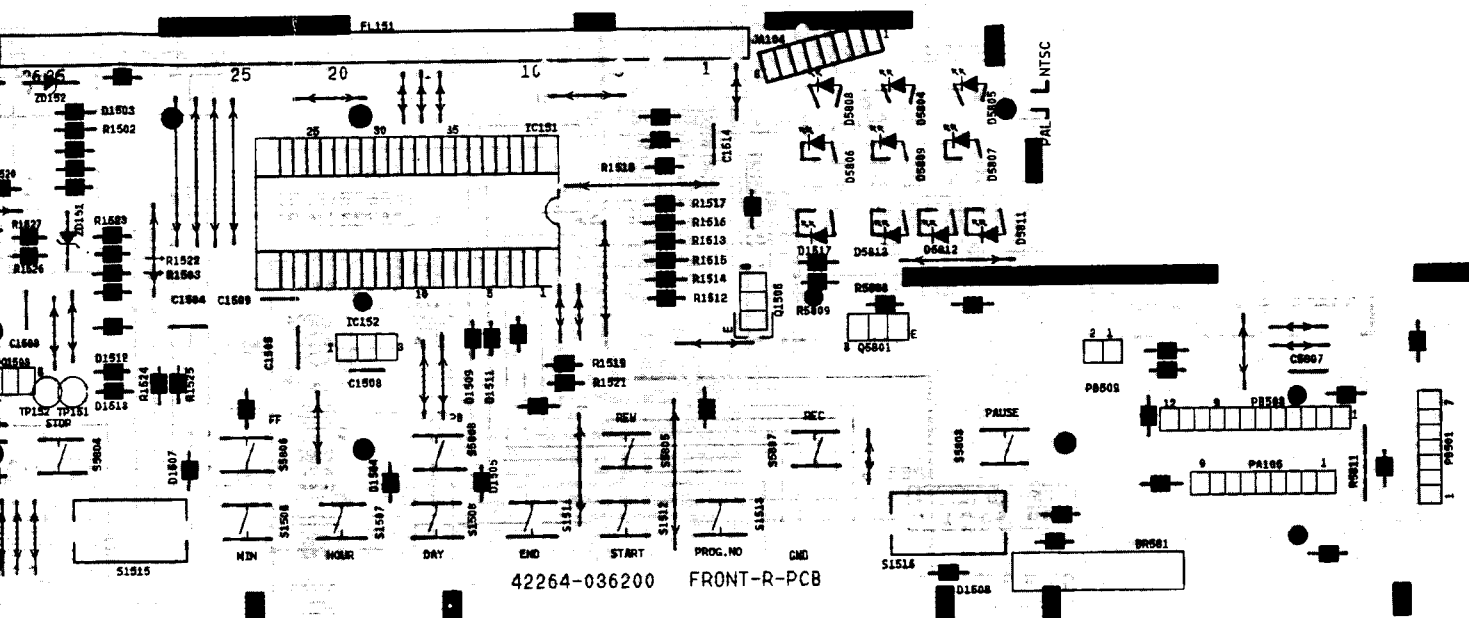
42264-036000



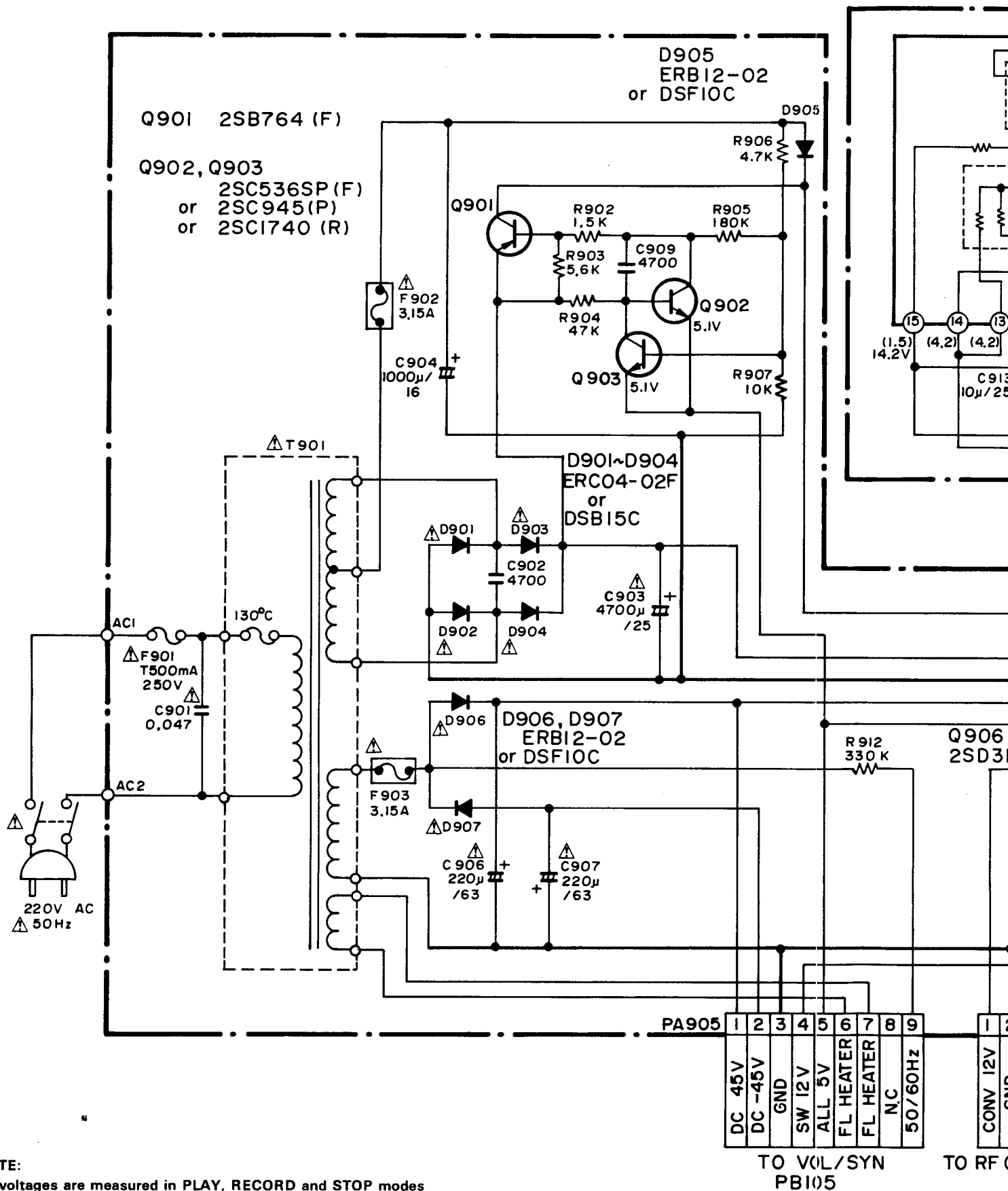
42264-036100 FRONT-L-PCB



FRONT RIGHT CIRCUIT P.C.B.



POWER CIRCUIT DIAGRAM

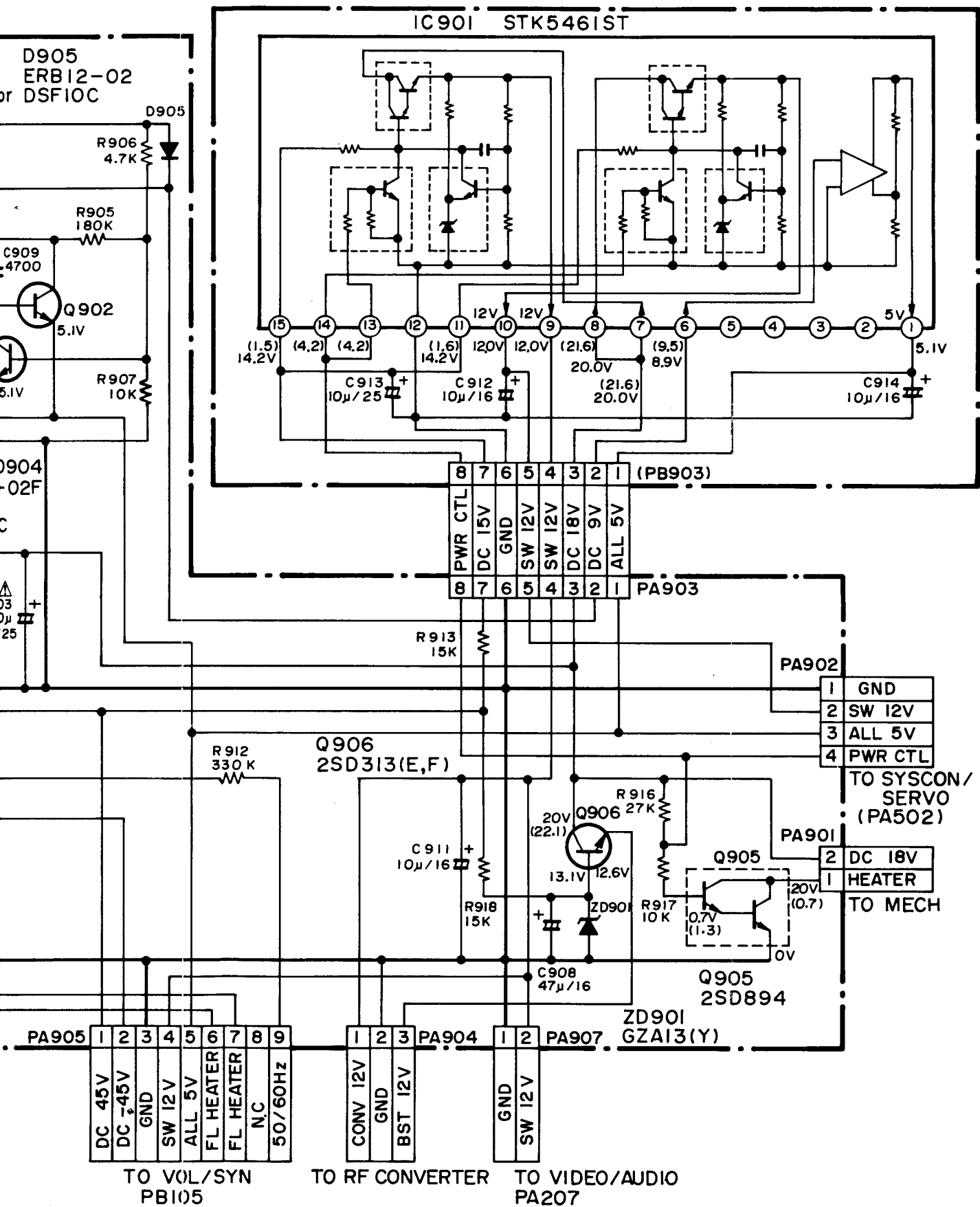


NOTE:

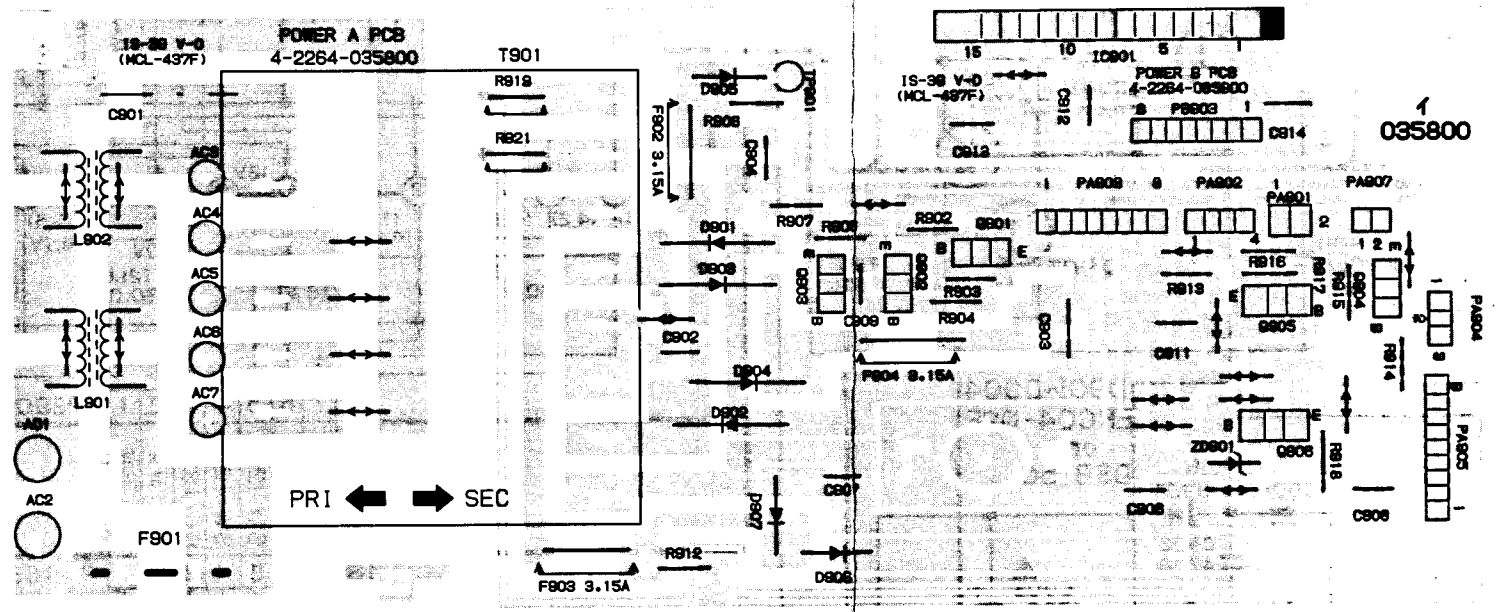
All voltages are measured in PLAY, RECORD and STOP modes unless otherwise noted.

()=POWER OFF mode only

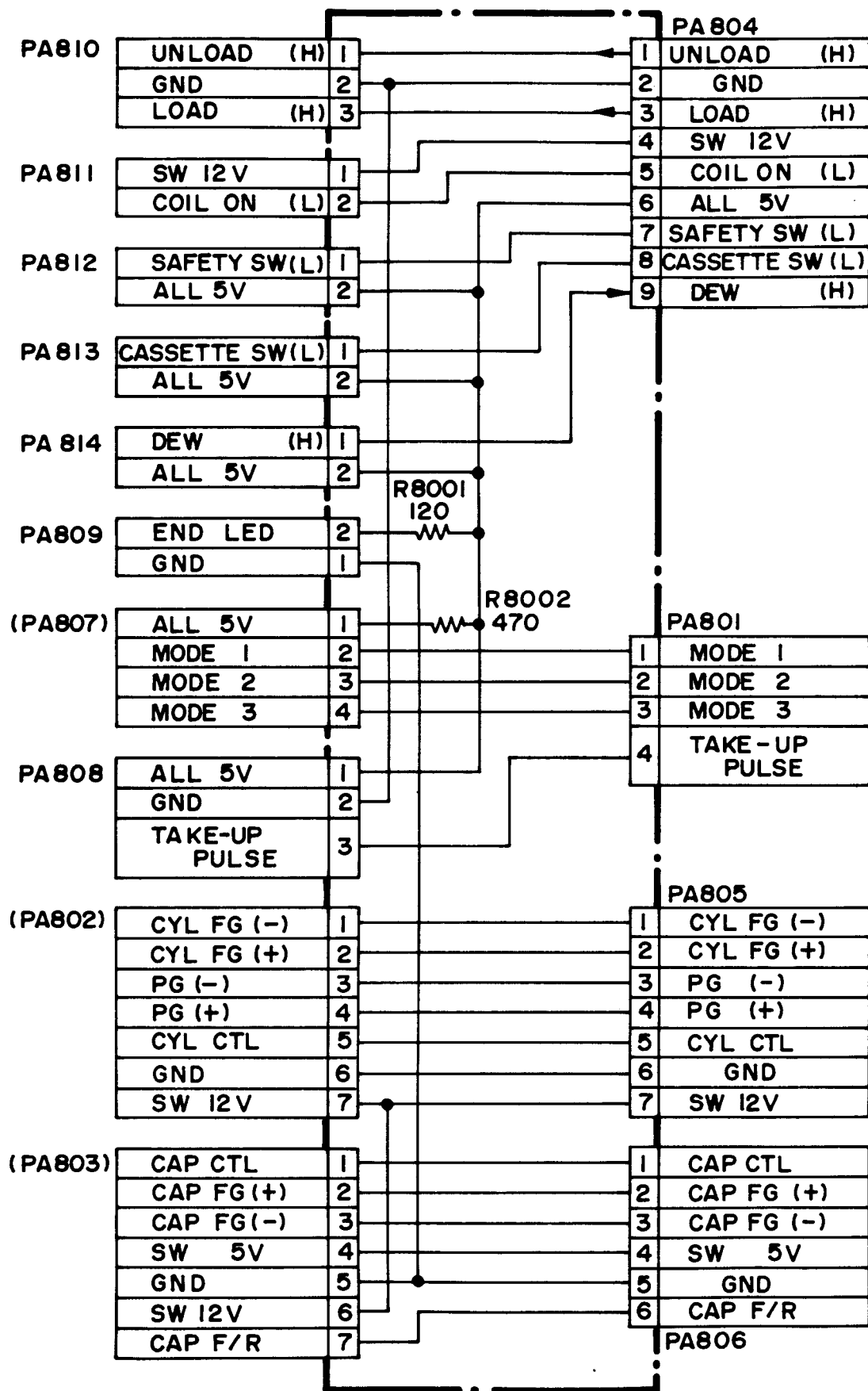
POWER CIRCUIT DIAGRAM



POWER A AND B CIRCUIT P.C.B.

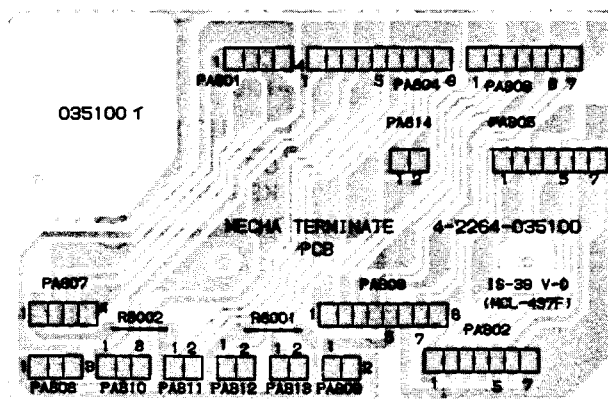


MECHA TERMINATE CIRCUIT DIAGRAM

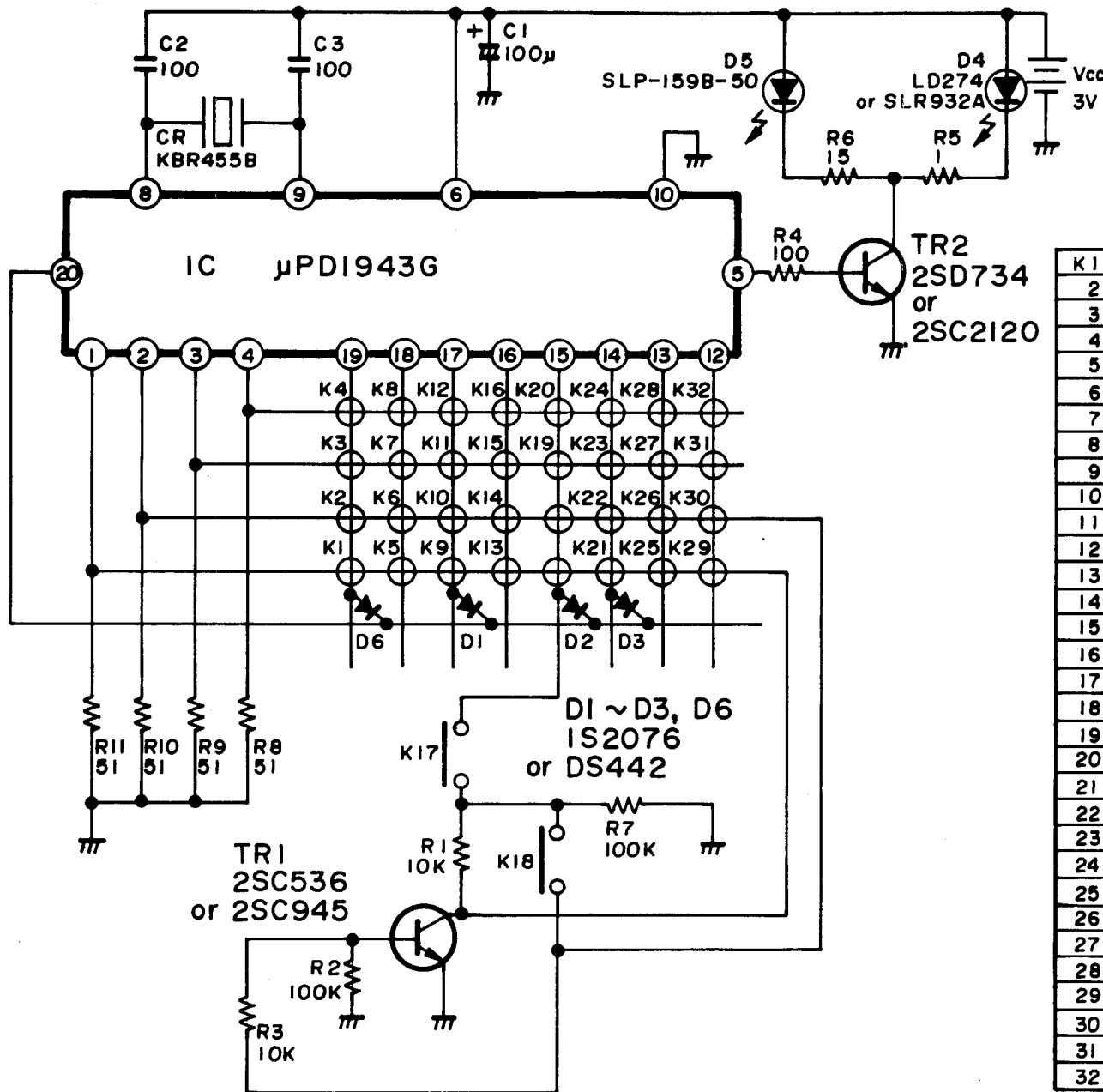


AND MECHA TERMINATE CIRCUIT P.C.B.

MECHA TERMINATE CIRCUIT P.C.B.



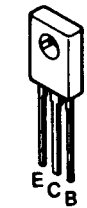
WIRELESS REMOTE CONTROL CIRCUIT DIAGRAM



[illegible]

K1	0	
2	1	
3	2	
4	3	
5	4	
6	5	
7	6	
8	7	
9	8	
10	9	
11	PROG	
12	CLEAR	
13	TV / VCR	
14	DISPLAY	
15	CH (DOWN)	○
16	CH (UP)	○
17	PLAY	○
18	REC	○
19	RESET	
20	FRAME	
21	SLOW	
22	QUICK	
23	CLOCK/COUNTER	
24	TIMER	
25	FF	○
26	REW	○
27	STOP	○
28	PAUSE	○
29	MEMORY	
30	FUNCTION	
31	S · DOWN	
32	S · UP	

TERMINAL VIEW



2SD894



2SA608
2SA733
2SA933
2SA950
2SA953
2SA984
2SB698

2SC535
2SC536
2SC945
2SC1740
2SC2274
2SC2999
2SC3399
2SC3400

DTA144
DTC144



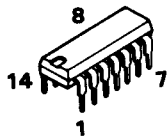
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2SC1685
2SC2002
2SD734



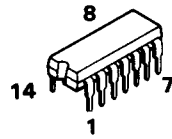
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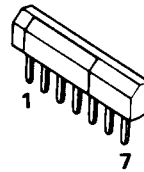
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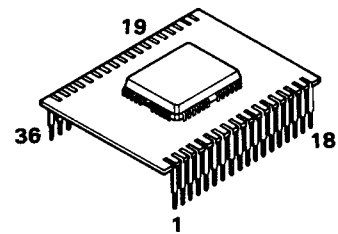
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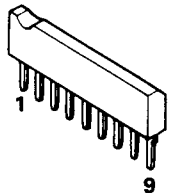
LA6324
TA75902P



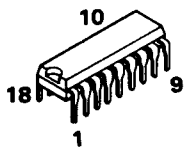
μPC1513HA
μPC1513HA



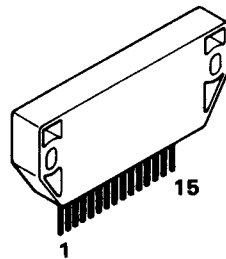
SV834AP



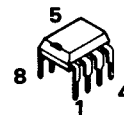
BA6334



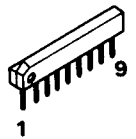
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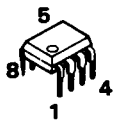
STK5461ST



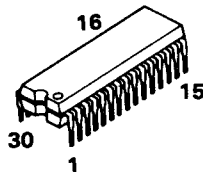
M5233P
BA6993



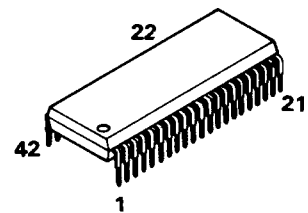
LA7910



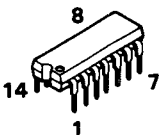
LA6458DF



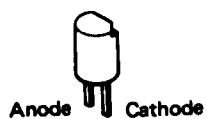
HA11797



HA11847NT



LC4011B
μPD4011BC

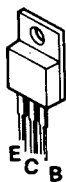


SFH205

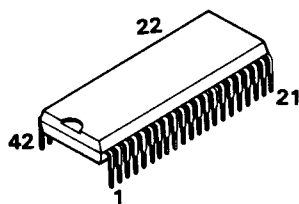
MINIAL VIEW



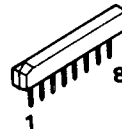
2SA1345



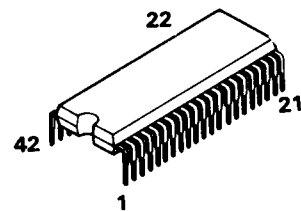
2SD313



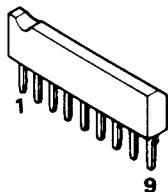
LC6514B-3005



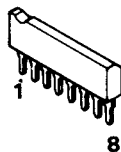
LA7224



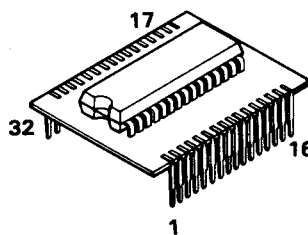
M50431-021-SP



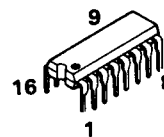
BA6334



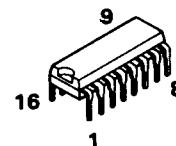
BA6305



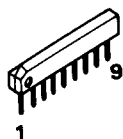
SV781BP



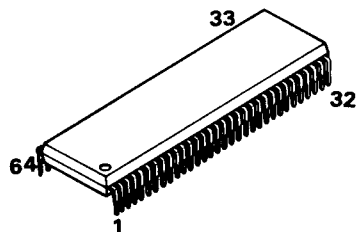
LA7241
FA7102AP



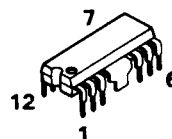
BA7100



LA7910



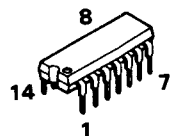
LM8854-1912



LB1619



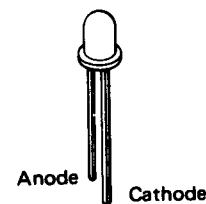
MN1280-M
S8053ALR
PST523E
MN1280-S
S8054ALR



LC4011B
μPD4011BC

DSB15C
DSF10C
ERB12-01
ERCO4-02F
EQA02-30C
EQA02-35B
GZA8.2(Y)
GZA13(Y)
GZA30(Y)
GZA36(Y)
GZM6.8(B2)
GZM24(B2)
GMA01
GMA01-L

1SS131
1SS133
MTZ33
MTZ6.8(C)
MTZ8.2(C)
MTZ24(C)
MA700
MA4051(H)
MA4082(M)
μPC574J



SLR-40UR3F
SLR-40MC3F

NOTE:

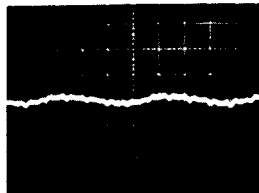
E: Emitter C: Collector B: Base
D: Drain G: Gate S: Source

SERVO WAVE FORMS

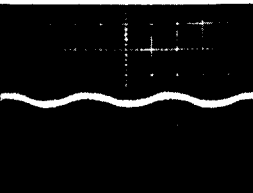
IC701 Pin (3)
PLAYBACK mode
0.2V/10msec. div.



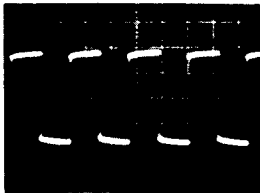
IC702 Pin (1)
PLAYBACK mode
50mV/10msec. div.



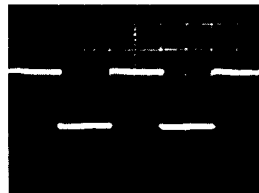
IC702 Pin (5)
PLAYBACK mode
50mV/0.5msec. div.



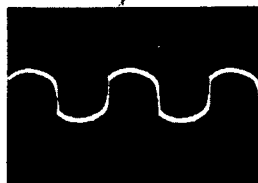
IC703 Pin (2)
PLAYBACK mode
1V/50μsec. div.



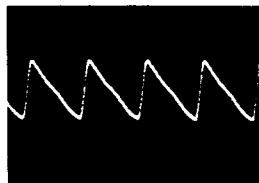
IC703 Pin (4)
PLAYBACK mode
2V/10msec. div.



IC703 Pin (6)
PLAYBACK mode
0.5V/0.5msec. div.



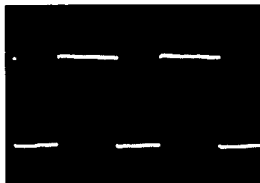
IC703 Pin (8)
PLAYBACK mode
0.5V/0.2μsec. div.



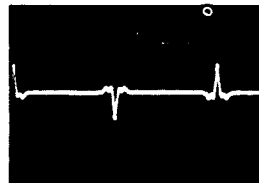
IC703 Pin (11)
PLAYBACK mode
1V/0.3msec. div.



IC703 Pin (13)
PLAYBACK mode
1V/10msec. div.



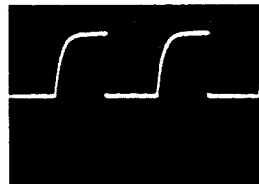
IC703 Pin (15)
PLAYBACK mode
0.5V/5msec. div.



IC703 Pin (16)
PLAYBACK mode
2V/10msec. div.



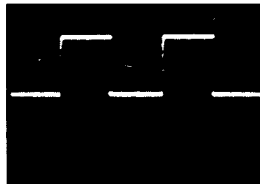
IC703 Pin (17)
PLAYBACK mode
2V/10msec. div.



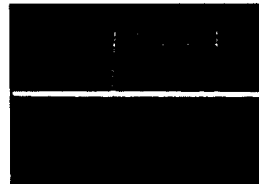
IC703 Pin (19)
PLAYBACK mode
2V/10msec. div.



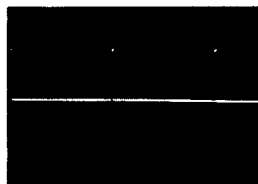
IC703 Pin (20)
PLAYBACK/STILL mode
2V/10msec. div.



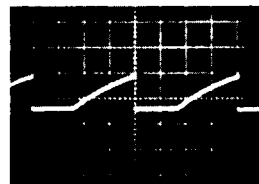
IC703 Pin (21)
PLAYBACK/STILL mode
0.1V/5msec. div.



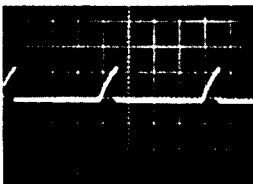
IC703 Pin (22)
PLAYBACK/STILL mode
2V/5msec. div.



IC703 Pin (24)
PLAYBACK mode
2V/10msec. div.



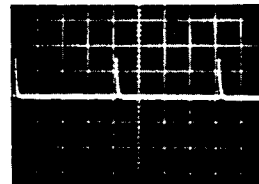
IC703 Pin (25)
PLAYBACK/SLOW mode
2V/10msec. div.



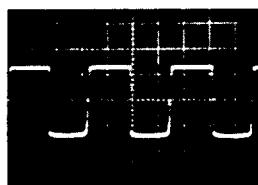
IC703 Pin (27)
REC mode
2V/10msec. div.



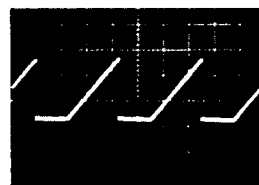
IC703 Pin (29)
PLAYBACK mode
0.5V/5msec. div.



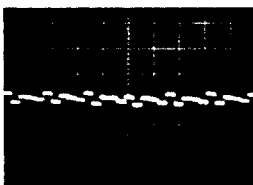
IC703 Pin (34)
PLAYBACK mode
0.5V/0.5msec. div.



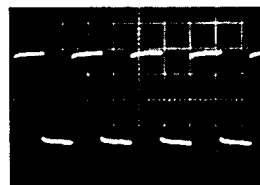
IC703 Pin (36)
PLAYBACK mode
1V/0.5msec. div.



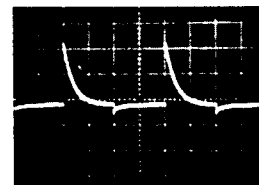
IC703 Pin (39)
PLAYBACK mode
0.1V/5msec. div.



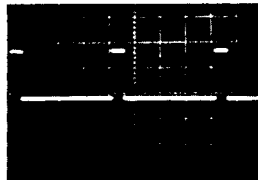
IC703 Pin (41)
PLAYBACK mode
1V/0.2msec. div.



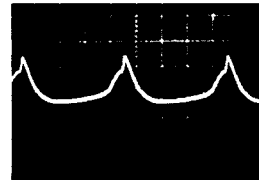
IC704 Pin (5)
PLAYBACK/STILL mode
2V/10msec. div.



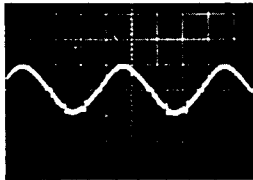
IC704 Pin (6)
PLAYBACK/STILL mode
2V/10msec. div.



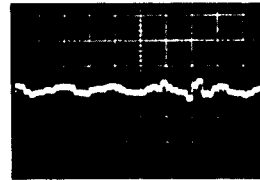
IC705 Pin (3)
PLAYBACK/STILL mode
2V/10msec. div.



IC705 Pin (6)
PLAYBACK mode
0.1V/0.5msec. div.



IC705 Pin (14)
PLAYBACK mode
0.1V/10msec. div.



Measurement Condition

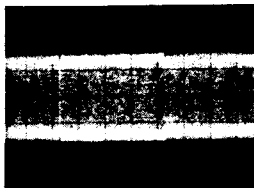
Playback: Alignment Tape (VPC-1)
(PAL Color Bar Signal)

Record:

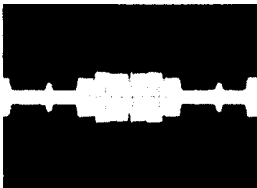
PAL color Bar Signal
by Color Bar Generator
(Output Level: 1.0V p-p)

VIDEO WAVE FORMS

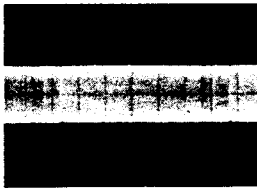
IC201 Pin (19)
PLAYBACK mode
100mV/5msec. div.



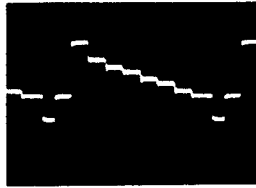
IC201 Pin (25)
REC mode
20mV/10μsec. div.



IC201 Pin (26)
REC mode
200mV/10μsec. div.



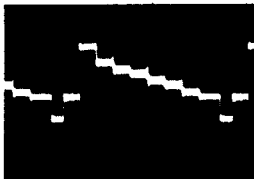
IC202 Pin (2)
REC mode
200mV/10μsec. div.



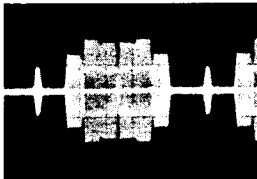
IC202 Pin (5)
PLAYBACK mode
100mV/10μsec. div.



IC202 Pin (36)
REC mode
100mV/10μsec. div.



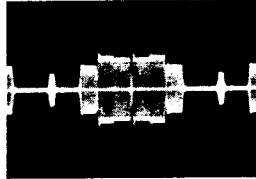
IC203 Pin (2)
REC mode
200mV/10μsec. div.



IC203 Pin (7)
PLAYBACK mode
100mV/10μsec. div.



IC203 Pin (7)
REC mode
100mV/10μsec. div.



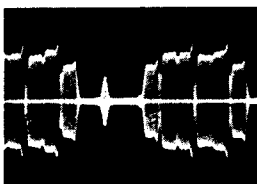
IC203 Pin (27)
PLAYBACK mode
200mV/10μsec. div.



IC203 Pin (27)
REC mode
200mV/10μsec. div.



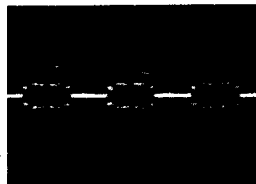
IC203 Pin (23)
PLAYBACK mode
200mV/10μsec. div.



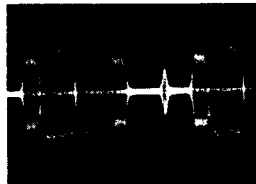
Q212 Base
PLAYBACK mode
100mV/10μsec. div.



Q214 Base
PLAYBACK mode
100mV/20μsec. div.



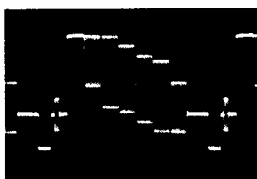
Q217 Emitter
PLAYBACK mode
200mV/10μsec. div.



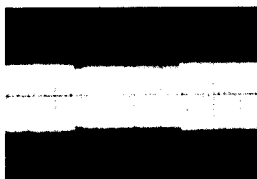
Q230 Emitter
REC mode
50mV/10μsec. div.



Q233 Emitter
EE mode
200mV/10μsec. div.



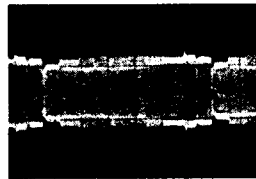
TP201
PLAYBACK mode
100mV/5msec. div.



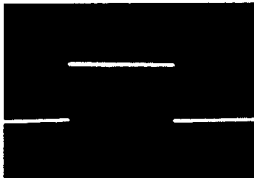
TP203
PLAYBACK mode
100mV/5msec. div.



TP204
REC mode
50mV/10μsec. div.



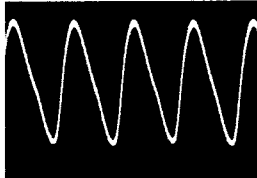
TP205
REC mode
2V/5msec. div.



TP211
REC mode
200mV/0.2μsec. div.



TP212
REC mode
100mV/0.1μsec. div.



Measurement Condition

Playback: Alignment Tape (VPC-1)
(PAL Color Bar Signal)

Record:

PAL color Bar Signal
by Color Bar Generator
(Output Level: 1.0V p-p)