

LEFT CHANNEL
 PHONO-2
 TUNER
 AUX
 TAP-1
 PLAY
 REC
 TAP-2
 PLAY
 REC

RIGHT CHANNEL
 PHONO-1
 PHONO-2
 TUNER
 AUX
 TAP-1
 PLAY
 REC
 TAP-2
 PLAY
 REC

SYMBOL OF FUNCTION
 (a) MC
 (i) EO
 (j) CONTROL
 (k) POWER AMP
 (l) POWER SUPPLY
 (m) INDICATOR
 (n) SELECTOR

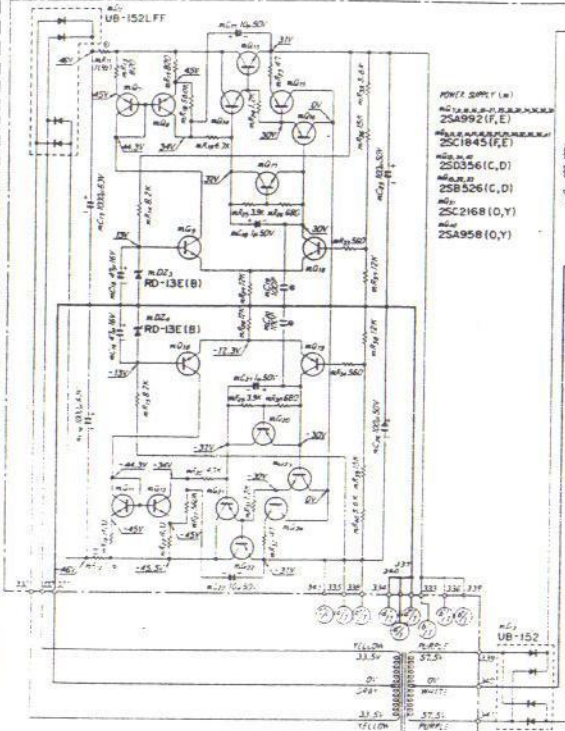
SWITCHES & CONTROLS
 Power Selector 1. Phono-2
 F-3249 2. Phono-1
 (C_{2a-1}) 3. Tuner
 4. Aux
 Aux Selector 1. Tuner
 F-3249 2. OFF
 (C_{2a-2}) 3. Stereo
 4. S+T+2
 5. S+T+1
 Power Selector 1. amp
 F-3280 2. MC
 (C_{2a-3})
 MC pos 1. High
 F-3250 2. Low
 (C_{2a-4})
 Tone Play 1. OFF
 F-3258 2. ON
 (C_{2a-5})
 Tune 1. Tune-1
 F-3240 2. Tune-2
 (C_{2a-6})
 Match 1. OFF
 F-3253 2. -20dB
 (C_{2a-7})
 High Filter 1. OFF
 F-3268 2. 20dB
 (C_{2a-8})
 Low Filter 1. OFF
 F-3254 2. 20dB
 (C_{2a-9})
 Tone over 1. 300Hz
 F-3267 2. 150Hz
 (C_{2a-10})
 Volume 1. 255
 F-3255 2. 255
 (C_{2a-11})
 Balance 1. 0
 F-3256 2. 0
 (C_{2a-12})
 Treble 1. 0
 F-3257 2. 0
 (C_{2a-13})
 Tone over 1. 6dB
 F-3267 2. 2.5dB
 (C_{2a-14})

SYMBOLS
 a Ceramic Capacitor
 b Polystyrene
 c Film Capacitor
 d Mica
 e Metallized Polyester Film Capacitor
 f Polypropylene Film Capacitor
 g Low-Inductivity
 h Non-Inductance Resistor
 i Metal Film Resistor
 j General Resistor
 k Non-Inductive Control Resistor
 RESISTORS
 A in ohms, B in k, C in M, D in S, E in G, F in T, G in P, H in N, I in M, J in K, K in M, L in M, M in M, N in M, O in M, P in M, Q in M, R in M, S in M, T in M, U in M, V in M, W in M, X in M, Y in M, Z in M
 CONDUCTANCE
 Any in ohms, otherwise in M, P, S, T, U, V, W, X, Y, Z
 TOLERANCE
 1 ± 2%, 2 ± 1%, 3 ± 1%, 4 ± 1%, 5 ± 1%, 6 ± 1%, 7 ± 1%, 8 ± 1%, 9 ± 1%, 10 ± 1%, 11 ± 1%, 12 ± 1%, 13 ± 1%, 14 ± 1%, 15 ± 1%, 16 ± 1%, 17 ± 1%, 18 ± 1%, 19 ± 1%, 20 ± 1%, 21 ± 1%, 22 ± 1%, 23 ± 1%, 24 ± 1%, 25 ± 1%, 26 ± 1%, 27 ± 1%, 28 ± 1%, 29 ± 1%, 30 ± 1%, 31 ± 1%, 32 ± 1%, 33 ± 1%, 34 ± 1%, 35 ± 1%, 36 ± 1%, 37 ± 1%, 38 ± 1%, 39 ± 1%, 40 ± 1%, 41 ± 1%, 42 ± 1%, 43 ± 1%, 44 ± 1%, 45 ± 1%, 46 ± 1%, 47 ± 1%, 48 ± 1%, 49 ± 1%, 50 ± 1%, 51 ± 1%, 52 ± 1%, 53 ± 1%, 54 ± 1%, 55 ± 1%, 56 ± 1%, 57 ± 1%, 58 ± 1%, 59 ± 1%, 60 ± 1%, 61 ± 1%, 62 ± 1%, 63 ± 1%, 64 ± 1%, 65 ± 1%, 66 ± 1%, 67 ± 1%, 68 ± 1%, 69 ± 1%, 70 ± 1%, 71 ± 1%, 72 ± 1%, 73 ± 1%, 74 ± 1%, 75 ± 1%, 76 ± 1%, 77 ± 1%, 78 ± 1%, 79 ± 1%, 80 ± 1%, 81 ± 1%, 82 ± 1%, 83 ± 1%, 84 ± 1%, 85 ± 1%, 86 ± 1%, 87 ± 1%, 88 ± 1%, 89 ± 1%, 90 ± 1%, 91 ± 1%, 92 ± 1%, 93 ± 1%, 94 ± 1%, 95 ± 1%, 96 ± 1%, 97 ± 1%, 98 ± 1%, 99 ± 1%, 100 ± 1%

IMP. Center DC BY Adjust

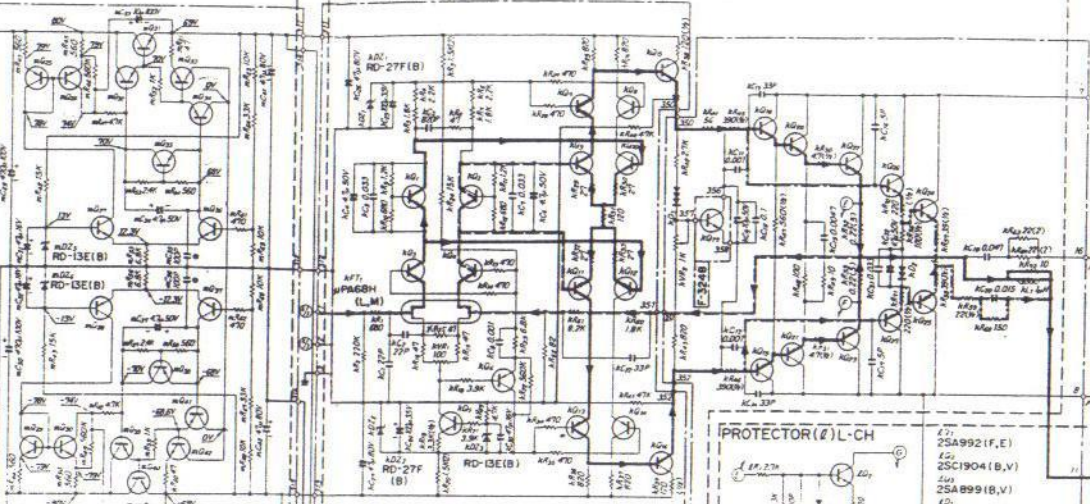
- 25A733
- 25A991
- 25A992
- 25C1844
- 25C1845
- HA12002
- NJ455ARD
- 25A899
- 25A939
- 25C1904
- 25C2071
- RD13E-B
- RD19E-B
- RD2 F-B
- RD9 1E-C
- 25B527
- 25D356
- 25D357
- 52473D
- 105 2
- 105 3
- 25A958
- 25A965
- 25C2238
- 25C2168
- MY 13
- MY 103
- UB152LFF
- 32A170L-B
- 32C274L-B
- STV 3H
- 25K170
- 25J74
- UF 255
- 25K146
- UF 25R
- FABRH

POWER SUPPLY (m)

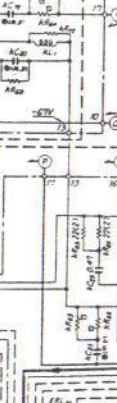
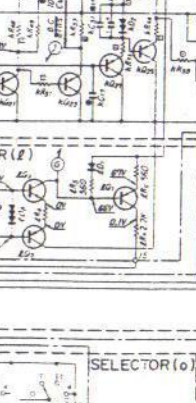
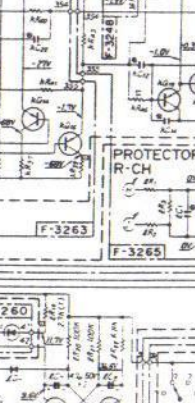
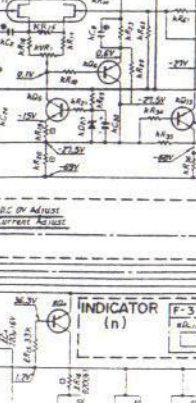
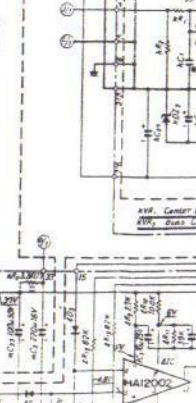
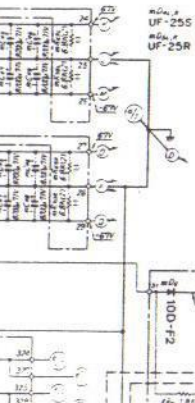
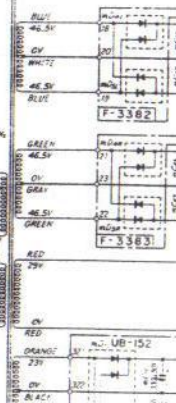
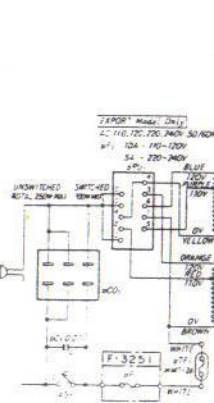
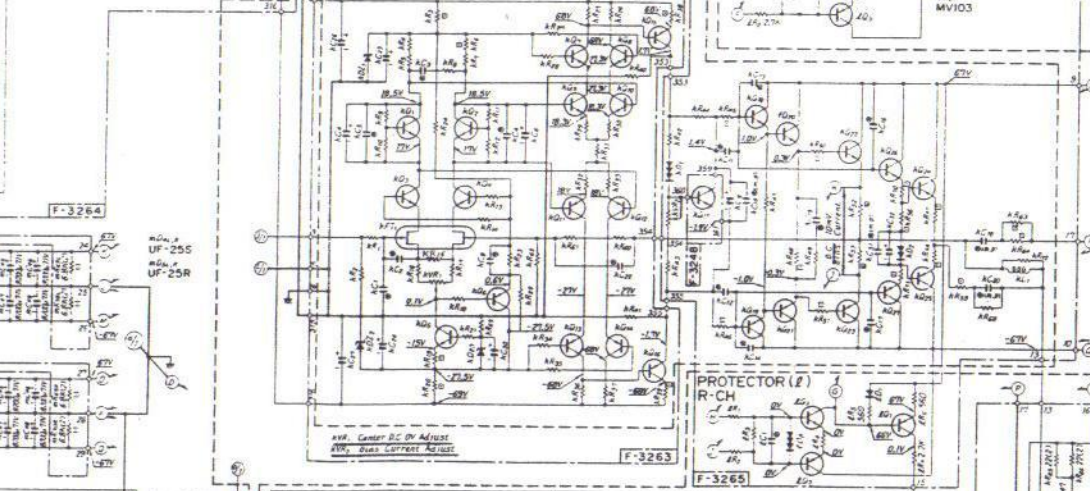


- POWER SUPPLY (m)
- 25A992 (F,E)
 - 25C1845 (K,E)
 - 25C356 (C,D)
 - 25B526 (C,D)
 - 25C2168 (O,Y)
 - 25A958 (O,Y)

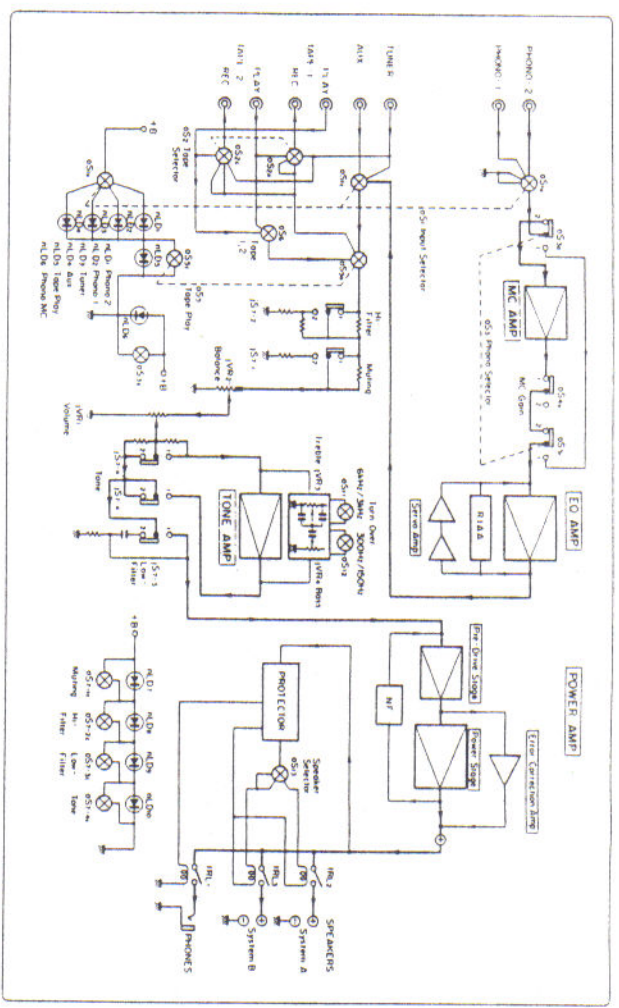
POWER AMP (k) L-CH



POWER AMP (k) R-CH



1. BLOCK DIAGRAM



2. ADJUSTMENT

- Notes: 1. Before adjusting, set the unit in horizontally.
 2. Master Volume Minimum
 3. Room Temperature 18°C ~ 28°C (65°F ~ 83°F)
 4. For this adjustment, run the unit for more than 3 minutes after the power is switched ON.

2-1. F-3380 MC Head Amp Circuit Adjustment (See Fig. 2-2)

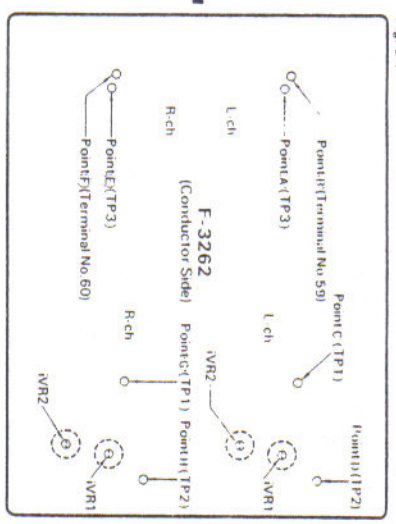
STEP	SUBJECT	MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
1	DC 0V Adj. (Off Set Voltage Adj.) <L-CH>	Voltage across hr4 <L-CH> (Between Point (A) and Point (B) (GND))	hVRI <L-CH>, F-3380	DC 0V	Before turning ON power switch, set hVRI center position.

2-2. F-3262 Equalizer Circuit Adjustment (See Fig. 2-1)

STEP	SUBJECT	MEASURE OUTPUT	ADJUST
1	Center DC 0V Adj. <L-CH>	Between Point (A) (TP3) and Point (B) (GND), L-CH	hVR1 <L-CH>, F-3262
2	Center DC 0V Adj. <R-CH>	Between Point (E) (TP3) and Point (F) (GND), R-CH	hVR1 <R-CH>, F-3262
3	DC 0V Adj. (Servo), <L-CH>	Between Point (A) (TP3) and Point (B) (GND), L-CH	hVR2 <L-CH>, F-3262
4	DC 0V Adj. (Servo), <R-CH>	Between Point (E) (TP3) and Point (F) (GND), R-CH	hVR2 <R-CH>, F-3262

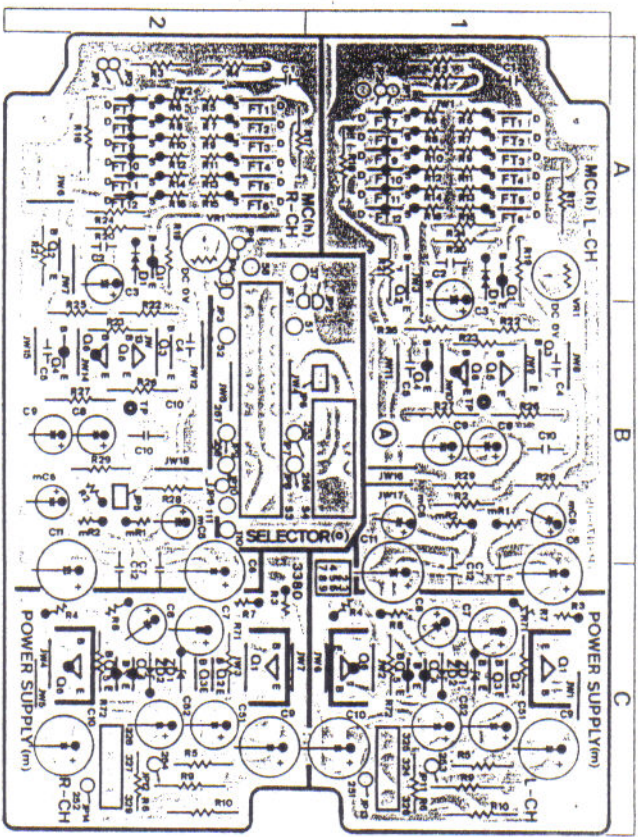
2-3. F-3262, F-3265 Power Amp. Circuit Adjustment (See Top View on page 1)

STEP	SUBJECT	MEASURE OUTPUT	ADJUST	REMARKS
1	Center DC 0V Adj. <L-CH>	Speaker Terminal <L-CH>	hVR1 <L-CH>, F-3263	DC
2	Center DC 0V Adj. <R-CH>	Speaker Terminal <R-CH>	hVR1 <R-CH>, F-3263	DC
3	Bias Current Adj. <L-CH>	TP Terminal (A) and (B) of F-3265	hVR2 <L-CH>, F-3265	6 ± 1
4	Bias Current Adj. <R-CH>	TP Terminal (C) and (D) of F-3265	hVR2 <R-CH>, F-3265	6 ± 1



- ◆ Notes when replacing FETs on F-3380
 • There are four kinds of FET, tanks 25K170 (P-type) and 25174 (N-type) on F-3380, MC Head Amp Circuit Board. When re-
- ◆ Total quantity due to differ-

from parts lists in this Service Manual, refer to the Common Parts List for capacitors & resistors, which was appended previously to Sansui Manual.

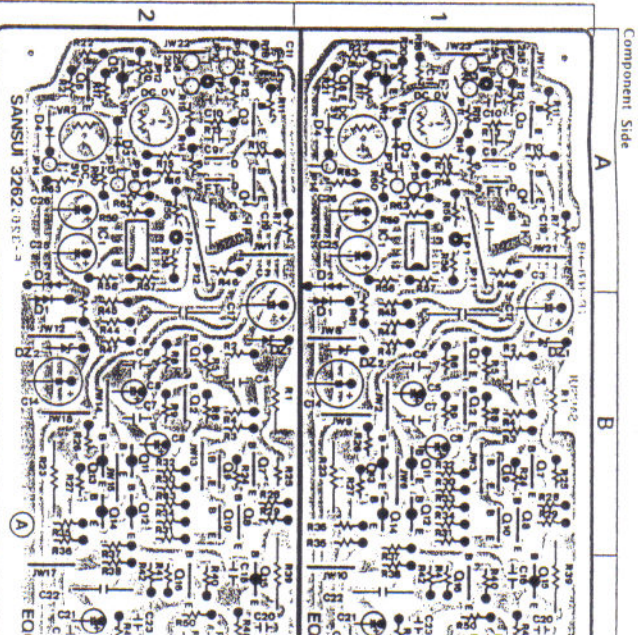


Parts List

Parts No.	Stock No.	Description
*Transistor		
NQ1	03011701	ZSA991
NQ2	03068501	ZSC1844
NQ3	03067401	ZSC1845
NQ4	03010901	ZSA992
NQ5	03068901	ZSC2071
NQ6	03010301	ZSA939
*FET		
hFT1 ~4	07107801	ZSK1170 GR2, GR3
	07107802	ZSK1170 BL1, BL2
	07107803	ZSK1170 BL3, BL4
	07107804	ZSK1170 V1
hFT5	07107801	ZSK1170 GR2, GR3
	07107802	ZSK1170 BL1, BL2
hFT6	07107801	ZSK1170 GR2, GR3
hFT7~10	07107702	ZSJ74 GR2, GR3
	07107703	ZSJ74 BL1, BL2
	07107704	ZSJ74 BL3, BL4
	07107705	ZSJ74 V1
hFT11	07107701	ZSJ74 GR2, GR3
	07107702	ZSJ74 BL1, BL2
hFT12	07107701	ZSJ74 GR2, GR3

Parts No. Stock No. Description

Parts No.	Stock No.	Description
*Zener Diode		
hC2	00411900	0.15uF 250V P.C.
hC4	00371700	33uF 125V P.C.
hC5	00371700	33uF 125V P.C.
hC7	00408400	0.22uF 100V M.C.
hC10	00408400	0.22uF 100V M.C.
hC12	00408400	0.22uF 100V M.C.
*Transistor		
hV1	10341800	Semi Variable Resistor, 330Ω (B)



Parts List

Parts No.	Stock No.	Description
*Transistor		
IQ1	03067401	ZSC1845
IQ2	03067401	ZSC1845
IQ3	03067401	ZSC1845
IQ4	03067401	ZSC1845
IQ5	03010901	ZSA992
IQ6	03067401	ZSC1845
IQ7	03067401	ZSC1845
IQ8	03067401	ZSC1845
IQ9	03067401	ZSC1845
IQ10	03067401	ZSC1845
IQ11	03010901	ZSA992
IQ12	03010901	ZSA992
IQ13	03010901	ZSA992
IQ14	03010901	ZSA992
IQ15	03010901	ZSA992
IQ16	03067401	ZSC1845
IQ17	03067401	ZSC1845
IQ18	03067401	ZSC1845
IQ19	03068901	ZSC2071
IQ20	03068901	ZSC2071
IQ21	03010301	ZSA939

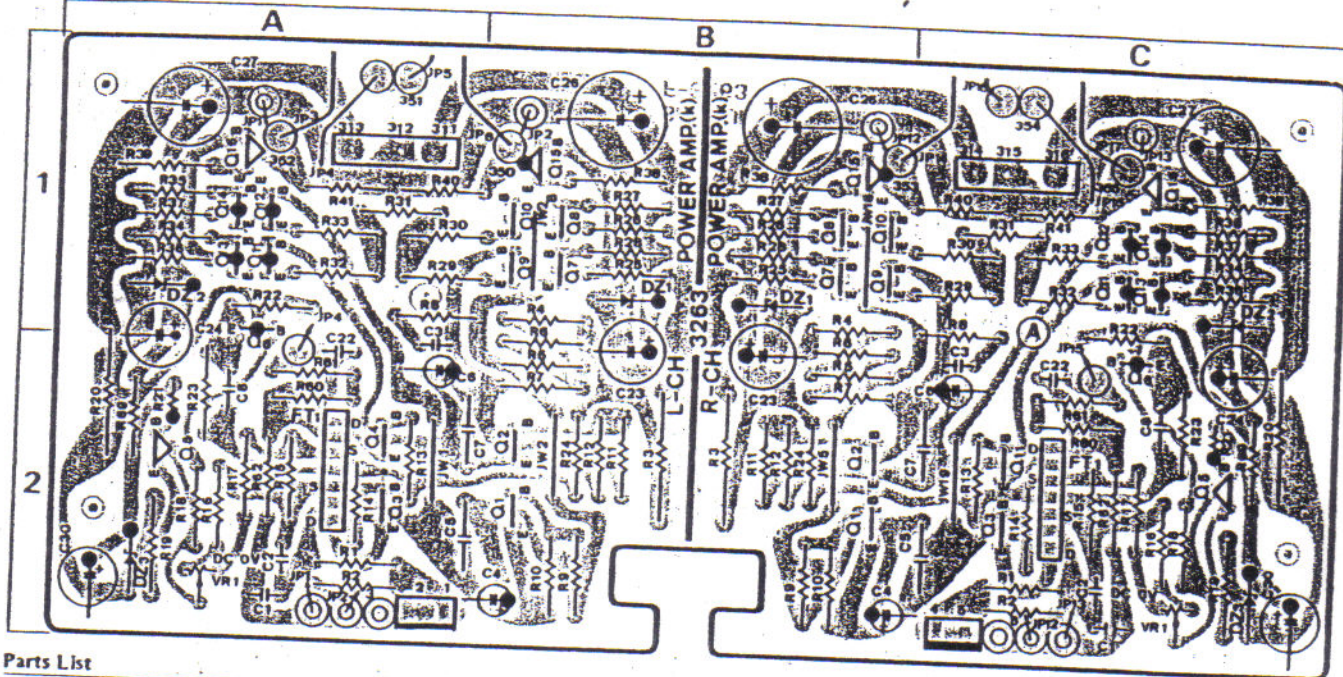
Parts No. Stock

Parts No.	Stock
*Zener Diode	
hD1	0316
hD2	0316
hR1	0017
hR19	4800
hR23	0017
hR44	4800
hR45	4800
hR46	4800
hR47	4801
hR52	4801
hC6	0040
hC7	0040
hC9	0037
hC15	0037
hC16	0041
hC17	0041
hC18	0040
hC20	0040
hC22	0041
hC23	0040
hV1	1034

*FET
 hFT1 03703500 ZSK146

3-3. F-3263 Driver Amp. Circuit Board (Stock No. 07085301)

Component Side



Parts List

Parts No.	Stock No.	Description
•Transistor		
kQ1	03067401	2SC1845
kQ2	03067401	2SC1845
kQ3	03067401	2SC1845
kQ4	03067401	2SC1845
kQ5	03064001	2SC1904
kQ6	03010901	2SA992
kQ7	03067401	2SC1845
kQ8	03067401	2SC1845
kQ9	03067401	2SC1845
kQ10	03067401	2SC1845
kQ11	03010901	2SA992
kQ12	03010901	2SA992
kQ13	03010901	2SA992
kQ14	03010901	2SA992
kQ15	03007901	2SA899
kQ16	03064001	2SC1904

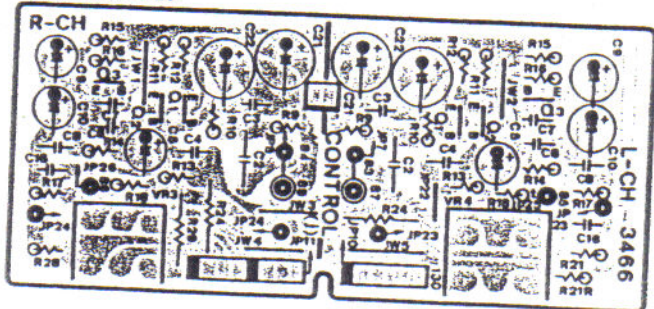
•FET

kFT1 07110000,1 μ PA68H L, M

Parts No.	Stock No.	Description
•Zener Diode		
kDZ1	03171900	RD27F-B
kDZ2	03171900	RD27F-B
kDZ3	03163100	RD13E-B
kR3	00186900	1.5k Ω 2W N.I.R.
kR20	00186900	1.5k Ω 2W N.I.R.
kC1	00371200	22pF 125V P.C.
kC2	00371200	22pF 125V P.C.
kC5	00407400	0.033 μ F 100V M.C.
kC7	00407400	0.033 μ F 100V M.C.
kC8	00403800	0.001 μ F 100V M.C.
kC22	00371700	33pF 125V P.C.
kVR1	10335700	Semi Variable Resistor 100 Ω (B), DC 0V

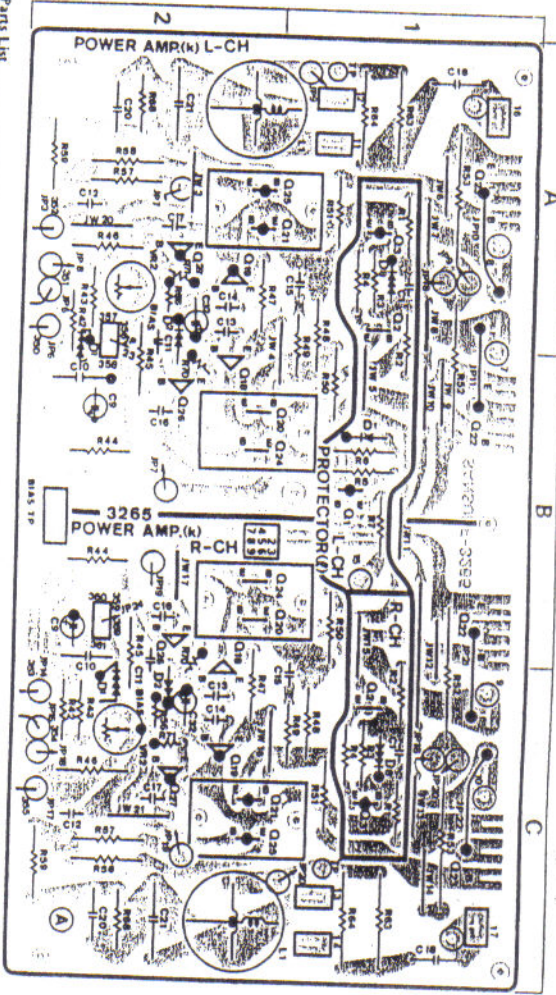
3-4: F-3466 Tone Control Amp. Circuit Board (Stock No. 00633701)

Component Side



Parts List

Parts No.	Stock No.	Description
•Transistor		
jQ1	03067401	2SC1845
jQ2	03067401	2SC1845
jQ3	03010901	2SA992
jC2	00409800	0.33 μ F 100V M.C.
jC3	00371700	33pF 125V P.C.
jC4	00407800	0.047 μ F 100V M.C.
jC6	00371200	22pF 125V P.C.
jC7	00370100	10pF 125V P.C.
jC8	00407800	0.047 μ F 100V M.C.
jC16	00371400	27pF 125V P.C.
jVR3	07271700	Variable Resistor 100k Ω (C), bass
jVR4	07271700	Variable Resistor 100k Ω (C), treble



Parts List

Parts No.	Stock No.	Description
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Transistor

KD18	03064001	ZSC1904
KD19	03007901	ZSA899
KD20	03069301	ZSC2238
KD21	03012401	ZSA868
KD22	07156601	ZSC2774L8
KD23	07156601	ZSA1170LB
KD24	030069301	ZSC2238
KD25	03012401	ZSA868
KD26	03064001	ZSC1904
KD27	03007901	ZSA899

Varistor

KD1	03401601	2 STV-3H Y, G
KD2	03401500	MV-12

Parts No. Stock No. Description

KC12	00403800	0.001µF 100V M.C.
KC13	00371700	33µF 125V P.C.
KC14	00371700	33µF 125V P.C.
KC15	00405400	0.0047µF 100V M.C.
KC16	00372200	5µF 125V P.C.
KC17	00372200	5µF 125V P.C.
KC18	00411600	0.047µF 400V P.C.
KC20	00411300	0.015µF 630V P.C.
KC31	00411500	0.033µF 400V P.C.

Diode

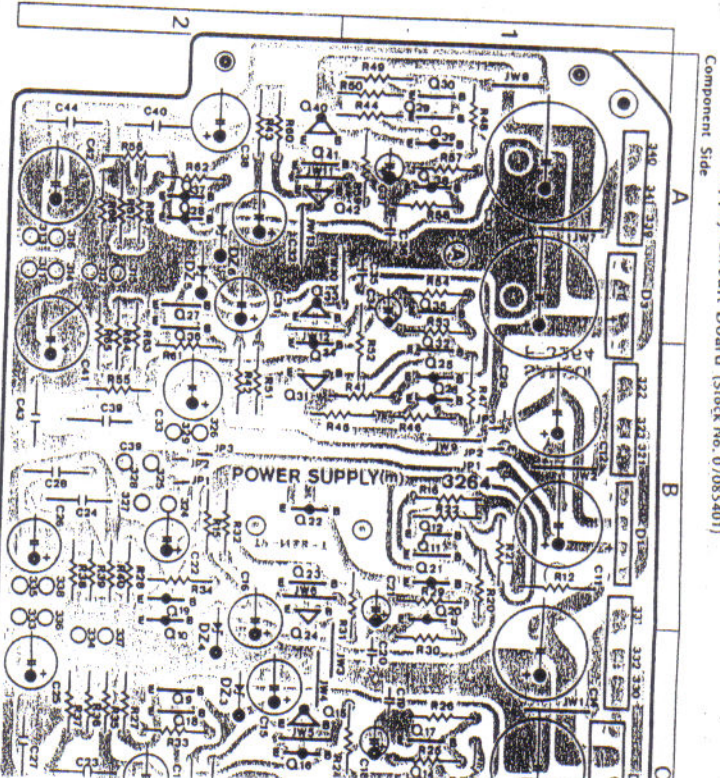
ID1	03111600	1S2473D
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Varistor

ID8	03401700	MV-103
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- Abbreviations
- C.R. Carbon Resistor
 - S.R. Solid Resistor
 - C.E.R. Cement Resistor
 - M.R. Metal Film Resistor
 - F.R. Fuse Resistor

- E.L. Low Leak Electrolytic Capacitor
- E.B. Bipolar Electrolytic Capacitor
- E.B.L. Low Leak Bipolar Electrolytic Capacitor



Parts List

Parts No.	Stock No.	Description
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Transistor

mQ7	03010901	ZSA992
mQ8	03010901	ZSA992
mQ9	03067401	ZSC1845
mQ10	03010901	ZSC1845
mQ11	03067401	ZSC1845
mQ12	03067401	ZSC1845
mQ13	03067401	ZSC1845
mQ14	03067401	ZSC1845
mQ15	03032801	ZSB826
mQ16	03010901	ZSA992
mQ17	03067401	ZSC1845
mQ18	03067401	ZSC1845
mQ19	03010901	ZSA992
mQ20	03010901	ZSA992
mQ21	03010901	ZSA992
mQ22	03032801	ZSB826
mQ23	03067401	ZSC1845
mQ24	03094401	ZSD356
mQ25	03010901	ZSA992
mQ26	03010901	ZSA992
mQ27	03067401	ZSC1845
mQ28	03010901	ZSA992
mQ29	03067401	ZSC1845

Diode

mD3	07183300	UB-152LF
mD2	07183300	UB-152LF
mD1	07183300	UB-152LF

Diode

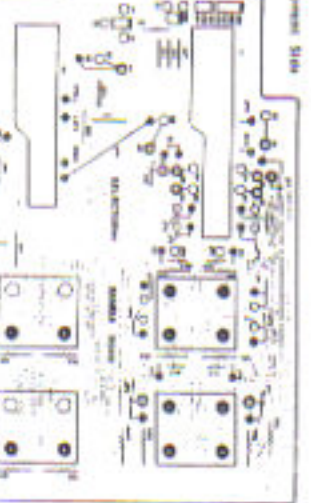
mD3	03163100	RD13E-B
mD2	03163100	RD13E-B
mD1	03163100	RD13E-B

- Abbreviations
- Z2P 200µF 200V
 - Z2P 50µF 50V
 - Z2P 100µF 50V
 - Z2P 100µF 50V
 - Z2P 100µF 50V
 - Z2P 200µF 200V



* The circuit boards, F-3248, F-3249, F-3250, F-3251, F-3252, F-3253, F-3254, F-3255, F-3256, F-3257, F-3258, F-3259, F-3260 & F-3261 are not supplied as the standard. However, the individual items on the circuit board are provided by order.

F-3249 Input Terminal Circuit Board



3-10. F-3239 Tap-Play Switch Circuit Board

Part No.	Stock No.	Description
481	0771830	Tap Switch

3-11. F-3240 Tap-Play 1/2 Selector Switch Circuit Board

Part No.	Stock No.	Description
486	0771800	Tap Switch

3-12. F-3248 Bias Compensating Circuit Board

Part No.	Stock No.	Description
487	0771800	Tap Switch

3-13. F-3250 Head Phone Jack Circuit Board

Part No.	Stock No.	Description
488	0771800	Tap Switch

3-14. F-3251 Speaker Switch Circuit Board

Part No.	Stock No.	Description
489	0771800	Tap Switch

3-15. F-3253 Control Circuit Board

Part No.	Stock No.	Description
491	0010200	2.5A 1W N.L.R.
492	0771800	Tap Switch

3-16. F-3255 Master Volume Circuit Board

3-17. F-3257 Muting, Subsonic

Part No.	Stock No.	Description
493	0771800	Tap Switch

3-18. F-3260 Power Indicator

Part No.	Stock No.	Description
494	0771800	Tap Switch

3-19. F-3261 Input Mode In

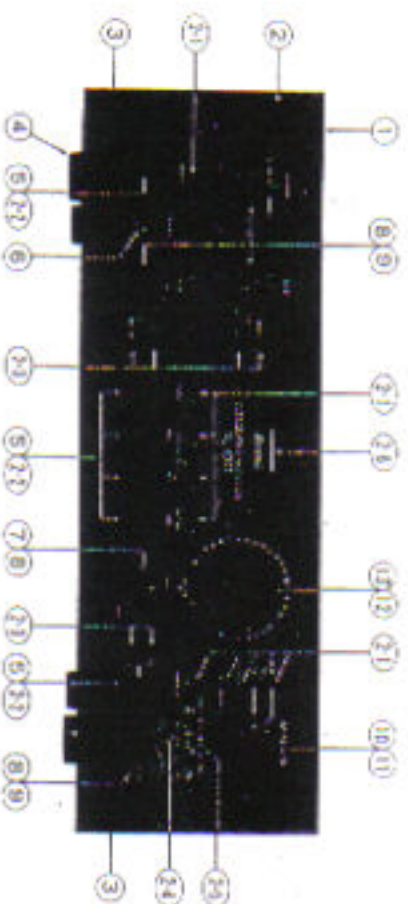
Part No.	Stock No.	Description
495	0771800	Tap Switch

3-20. F-3382 Rectifier Circuit

Part No.	Stock No.	Description
496	0771800	Tap Switch

3-21. F-3383 Rectifier Circuit

Part No.	Stock No.	Description
497	0771800	Tap Switch

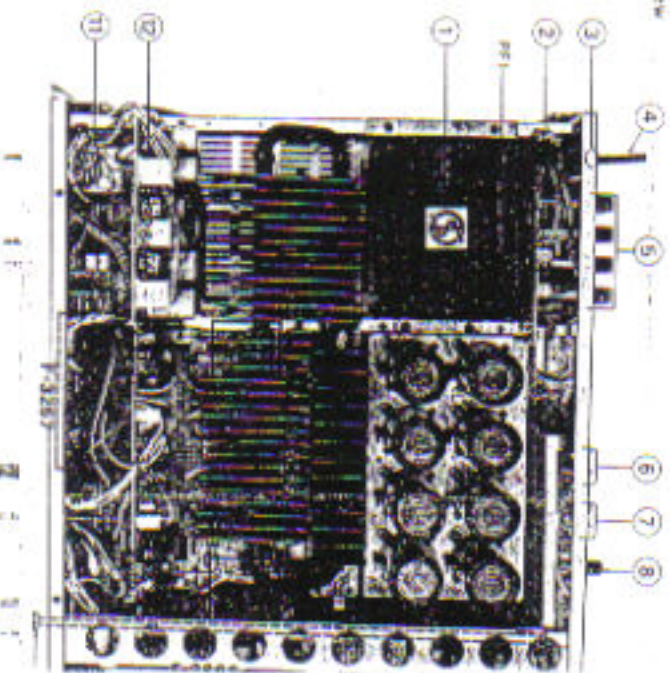


Part List -Front View>

Part No.	Stock No.	Description
1	02080010	Wind Burner
2	07292000	Flyer Panel Assy
2-1	07518000	Indicator Panel Assy
2-2	02081200	Push Knob Control, POWER II, TONE
2-3	07517000	FILTERS, MOUNTING, TAPE PL,AV
2-4	11081500	Push Knob Assy, PHONO SELECTOR
2-5	07518100	MC GAIN
2-6	07567100	Indicator Fuse (4-eyes)
3	07567200	Power Sock Frame
4	07568200	Leg
5	24280000	Push Knob, POWER II, TONE
6	07521000	FILTERS, MOUNTING, TAPE PL,AV
7	07521100	Head Phone Jack
8	02082000	Knob, BALANCE
9	07520000	Knob, INPUT SELECTOR
10	07520100	Knob, SPEAKERS
11	07520200	Knob, VOLUME
12	07520300	Knob, VOLUME
13	07520400	Knob, REC SELECTOR, TREBLE
14	07520500	Knob, REC SELECTOR, TREBLE
15	07520600	Knob, INPUT SELECTOR
16	07520700	Knob, VOLUME
17	07520800	Knob, VOLUME
18	07520900	Knob, REC SELECTOR, TREBLE
19	07521000	Knob, REC SELECTOR, TREBLE
20	07521100	Knob, INPUT SELECTOR
21	07521200	Knob, VOLUME
22	07521300	Knob, VOLUME
23	07521400	Knob, REC SELECTOR, TREBLE
24	07521500	Knob, REC SELECTOR, TREBLE
25	07521600	Knob, INPUT SELECTOR
26	07521700	Knob, VOLUME
27	07521800	Knob, VOLUME
28	07521900	Knob, REC SELECTOR, TREBLE
29	07522000	Knob, REC SELECTOR, TREBLE
30	07522100	Knob, INPUT SELECTOR
31	07522200	Knob, VOLUME

Part List -Top, Bottom View>

Part No.	Stock No.	Description
1	10000001	Power Transformer
2	07212000	AC Outlet
3	28100000	100W Resistor
4	28020100	Power Supply Cord
5	07202000	SP Speaker Terminal
6	22000000	40 Input Terminal, voice use
7	22000000	40 Input Terminal, phone 1, 2
8	22000000	Ground Terminal
9	02080010	Connector, joint dash
10	02080010	Connector, joint dash
11	02080010	Connector, joint dash
12	02080010	Connector, joint dash
13	22000000	Power Switch, power
14	22000000	40 Input Terminal, voice 2
15	22000000	40 Input Terminal, voice 1
16	07200000	8200uF 75V E.C.
17	07180000	Fuse 10A 250V (110V - 120V)
18	07180000	Fuse 5A 250V (220 - 240V)



4-3. Bottom View

