

- LEFT CHANNEL
- PHONO-2
 - PHONO-1
 - TAPE-2
 - TAPE-1
 - PLAY
 - REC
 - TAPE-3
 - PLAY
 - REC

- RIGHT CHANNEL
- PHONO-2
 - PHONO-1
 - TAPE-2
 - TAPE-1
 - PLAY
 - REC
 - TAPE-3
 - PLAY
 - REC

- SYMBOL OF FUNCTION
- (a) MC
 - (i) EO
 - (j) CONTROL
 - (k) POWER AMP
 - (e) PROTECTOR
 - (m) POWER SUPPLY
 - (n) INDICATOR
 - (o) SELECTOR

SWITCHES & CONTROLS

Power Selector	1. Phono-2 F-3249 (C _{2a-1})	2. Phono-1 F-3249 (C _{2a-2})	3. Tape-2 F-3249 (C _{2a-3})	4. Tape-1 F-3249 (C _{2a-4})	5. Play F-3249 (C _{2a-5})	6. Rec F-3249 (C _{2a-6})
Rec Selector	1. Tape-2 F-3249 (C _{2a-3})	2. Phono-1 F-3249 (C _{2a-2})	3. Phono-2 F-3249 (C _{2a-1})	4. S-1 F-3249 (C _{2a-4})	5. S-2 F-3249 (C _{2a-5})	6. S-3 F-3249 (C _{2a-6})
Power Selector	1. amp F-3380 (C _{2a-1})	2. MC F-3380 (C _{2a-2})				

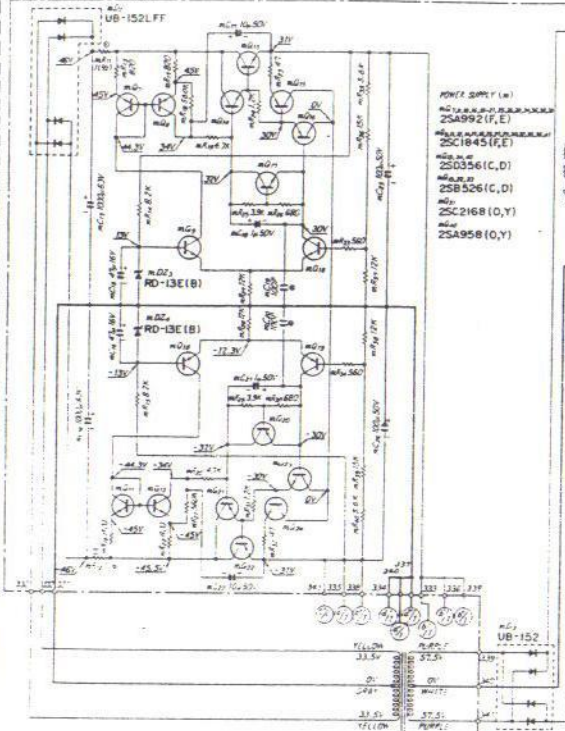
MC pins	1. High F-3250 (C _{2a-1})	2. Low F-3250 (C _{2a-2})			
Size Play	1. Off F-3250 (C _{2a-1})	2. On F-3250 (C _{2a-2})			
Tune	1. Tune-1 F-3253 (C _{2a-1})	2. Tune-2 F-3253 (C _{2a-2})			
Match	1. Off F-3253 (C _{2a-1})	2. On F-3253 (C _{2a-2})			
High Filter	1. Off F-3266 (C _{2a-1})	2. On F-3266 (C _{2a-2})			
Low Filter	1. Off F-3266 (C _{2a-1})	2. On F-3266 (C _{2a-2})			
Tune over	1. 300% F-3267 (C _{2a-1})	2. 150% F-3267 (C _{2a-2})			
Volume	1. Off F-3268 (C _{2a-1})	2. On F-3268 (C _{2a-2})			
Balance	1. Off F-3268 (C _{2a-1})	2. On F-3268 (C _{2a-2})			
Tweaks	1. Off F-3268 (C _{2a-1})	2. On F-3268 (C _{2a-2})			

- SYMBOLS**
- ⊕ Ceramic Capacitor
 - ⊖ Polyester
 - ⊙ Film Capacitor
 - ⊘ Metallized Polyester Film Capacitor
 - ⊙ Polypropylene Film Capacitor
 - ⊙ Low-Inductivity Capacitor
 - ⊙ Non-Inductance Resistor
 - ⊙ Metal Film Resistor
 - ⊙ General Resistor
 - ⊙ Non-Inductive Control Resistor
- ASSISTORS**
- ⊕ Any in ohms, M Mega, K kilo, Ω ohms
 - ⊖ Tolerance unless otherwise noted, K=10%, M=1%
- CONNECTIONS**
- Any in of ohms unless otherwise noted, M=1000
- TOLERANCE**
- ± 2.7%, F: 1.7%
- Each S.C. Voltage shown the nominal value in Volt or as exact signal

IMP. Center DC ON Adjust

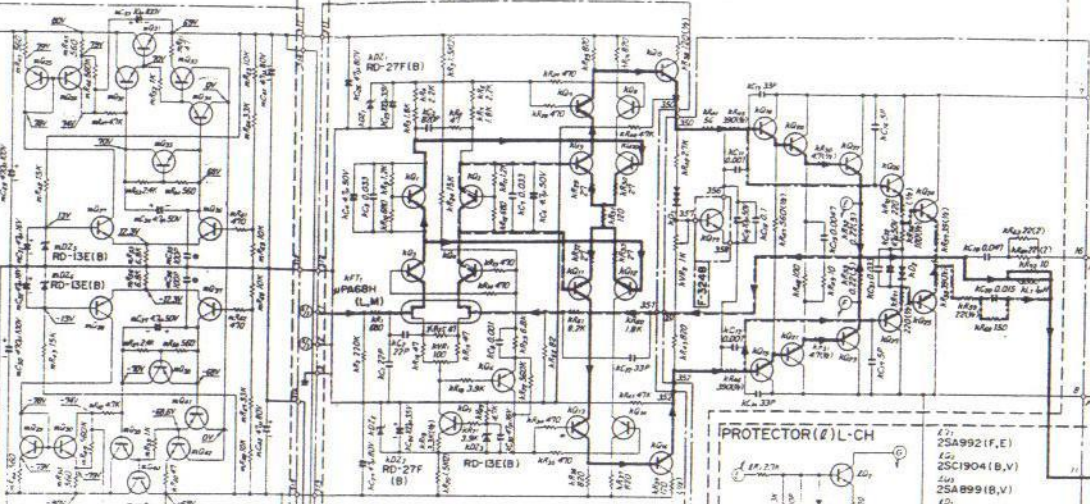
- 25A733
- 25A991
- 25A992
- 25C1844
- 25C1845
- HA12002
- NJ455ARD
- 25A899
- 25A939
- 25C1904
- 25C2071
- RD13E-B
- RD19E-B
- RD2 F-B
- RD9 1E-C
- 25B527
- 25D356
- 25D357
- 52473D
- 105 2
- 105 3
- 25A958
- 25A965
- 25C2238
- 25C2168
- MY 13
- MY 103
- UB152LFF
- 32A170LB
- 32C274LB
- STV 3H
- 25K170
- 25J74
- UF 255
- 25K146
- UF 25R
- FABRH

POWER SUPPLY (m)

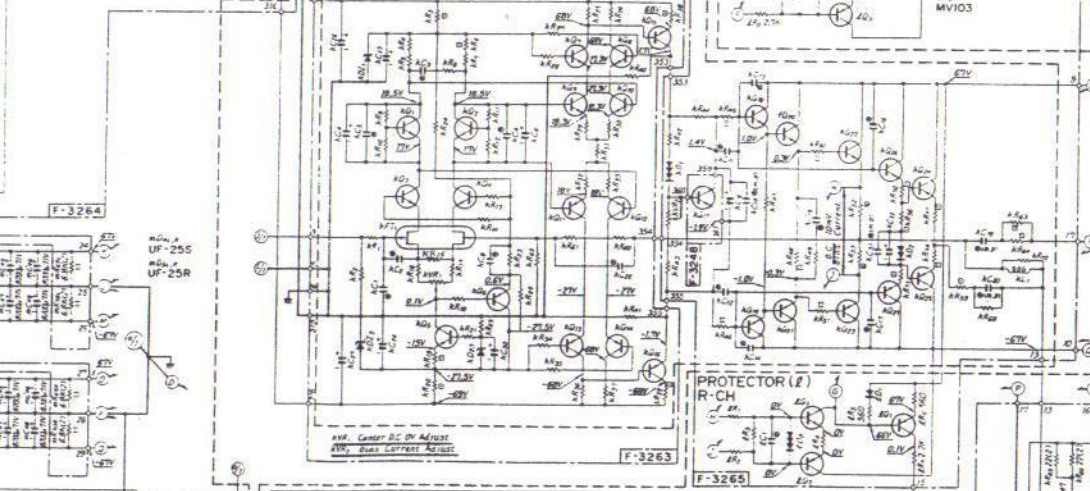


POWER SUPPLY (m)
 25A992 (F, E)
 25C1844 (K, E)
 25C1845 (K, E)
 25C356 (C, D)
 25B526 (C, D)
 25C2168 (C, Y)
 25A958 (C, Y)

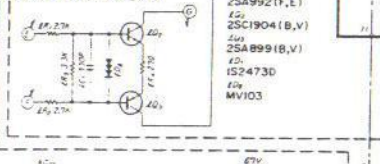
POWER AMP (k) L-CH



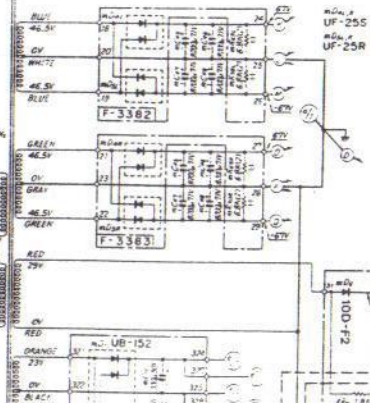
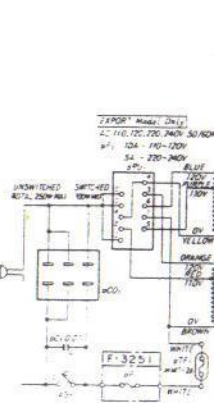
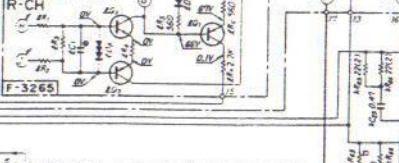
POWER AMP (k) R-CH



PROTECTOR (Z) L-CH



PROTECTOR (Z) R-CH



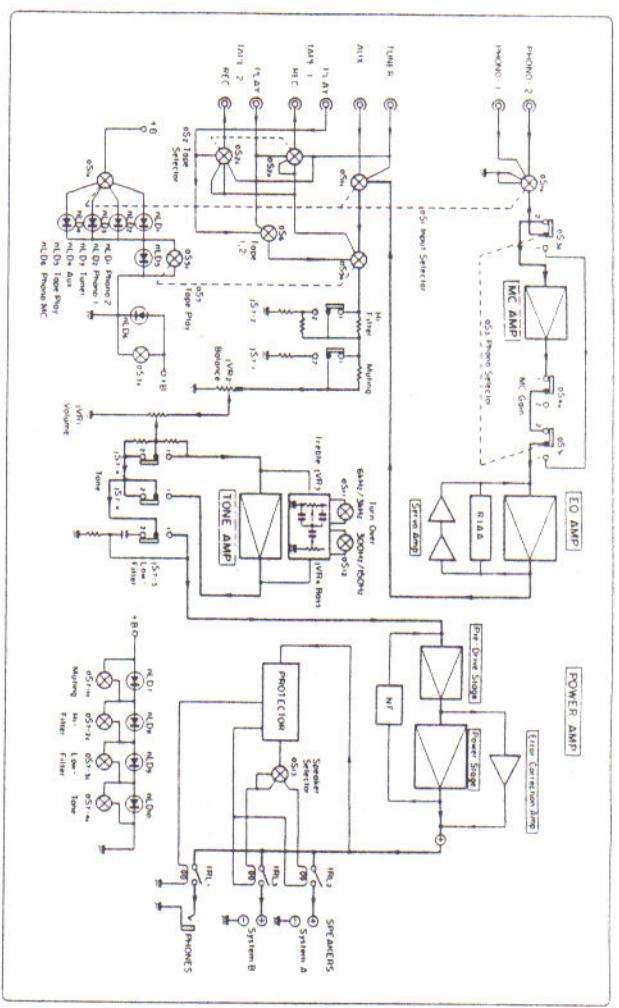
INDICATOR (n)



SELECTOR (o)



1. BLOCK DIAGRAM



2. ADJUSTMENT

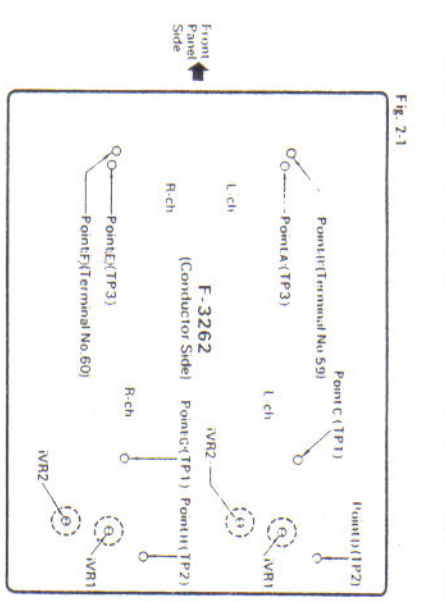
- Notes: 1. Before adjusting, set the unit in horizontally.
 2. Master Volume Minimum
 3. Room Temperature 18°C ~ 28°C (65°F ~ 83°F)
 4. For this adjustment, run the unit for more than 3 minutes after the power is switched ON.

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))	hV1 <L-CH>, F-3380	DC 0V	Before turning ON power switch, set hV1 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	hV1 <L-CH>, F-3262
2	Center DC 0V Adj. <R-CH>	Between Point (E) (TP3) and Point (F) (GND), R-CH	hV1 <R-CH>, F-3262
3	DC 0V Adj. (Servo), <L-CH>	Between Point (A) (TP3) and Point (B) (GND), L-CH	hV2 <L-CH>, F-3262
4	DC 0V Adj. (Servo), <R-CH>	Between Point (E) (TP3) and Point (F) (GND), R-CH	hV2 <R-CH>, F-3262

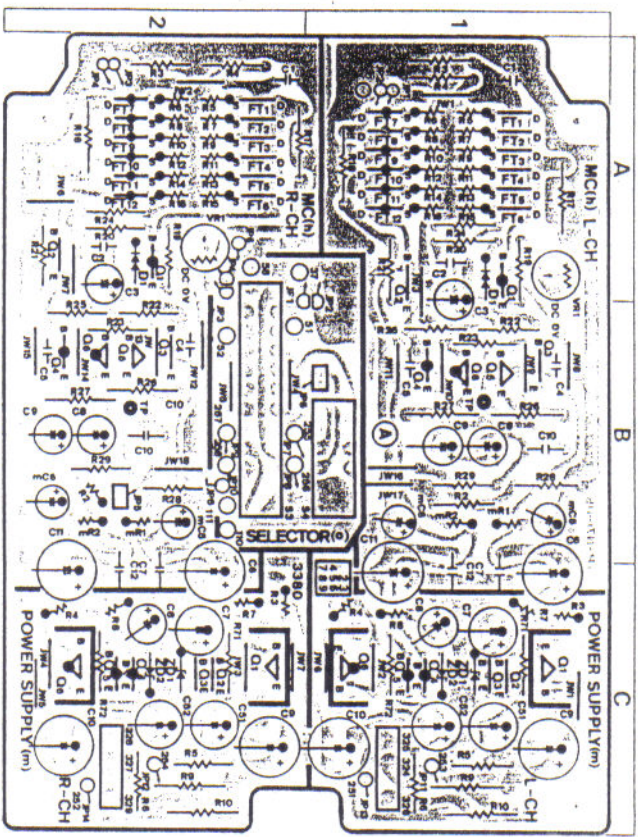


2-3. F-3262, F-3265 Power Amp. Circuit Adjustment (See Top View on page 1)

STEP	SUBJECT	MEASURE OUTPUT	ADJUST	A
1	Center DC 0V Adj. <L-CH>	Speaker Terminal <L-CH>	hV1 <L-CH>, F-3263	DC
2	Center DC 0V Adj. <R-CH>	Speaker Terminal <R-CH>	hV1 <R-CH>, F-3263	DC
3	Bias Current Adj. <L-CH>	TP Terminal (A) and (B) of F-3265	hV2 <L-CH>, F-3265	6 ± 1
4	Bias Current Adj. <R-CH>	TP Terminal (C) and (D) of F-3265	hV2 <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 BL1, BL2
	07107703	ZSJ74 BL3, BL4
	07107704	ZSJ74 V1
hFT11	07107701	ZSJ74 GR2, GR3
	07107702	ZSJ74 BL1, BL2
hFT12	07107701	ZSJ74 GR2, GR3

•Varistor

NQ1	03401500	NV-12
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Parts No. Stock No. Description

•Zener Diode

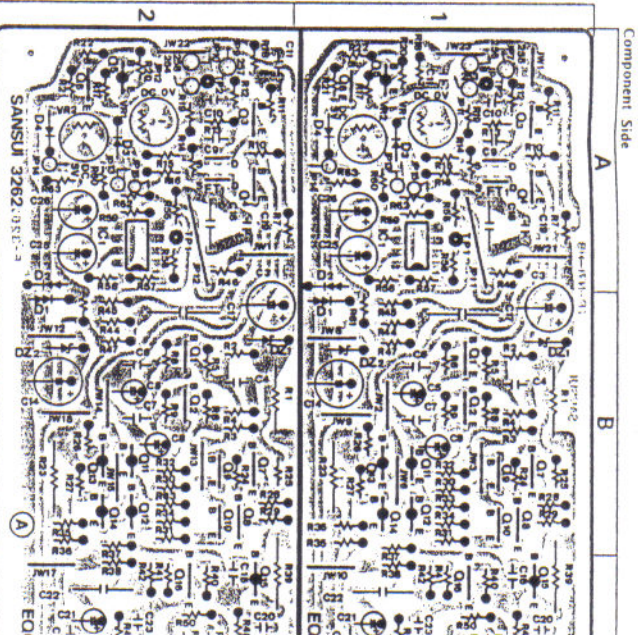
RDZ1	03162400	RDZ 1E-C
mDZ2	03162400	RDZ 1E-C
mR9	00184300	68Ω 1W N.I.R.
mR10	00184300	68Ω 1W N.I.R.

•HVRI

hVR1	10341800	Semi Variable Resistor, 330Ω (B)
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•Transistor

HC2	00441900	0.15μF 250V P.C.
HC4	00371700	33pF 125V P.C.
HC5	00371700	33pF 125V P.C.
HC7	00406400	0.22μF 100V M.C.
HC10	00406400	0.22μF 100V M.C.
HC12	00406400	0.22μF 100V M.C.



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	03010901	ZSA992
IQ20	03068901	ZSC2071
IQ21	03010301	ZSA939

•Zener Diode

IDZ1	03162400	RDZ 1E-C
IDZ2	03162400	RDZ 1E-C

•HVRI

hVR1	10341800	Semi Variable Resistor, 330Ω (B)
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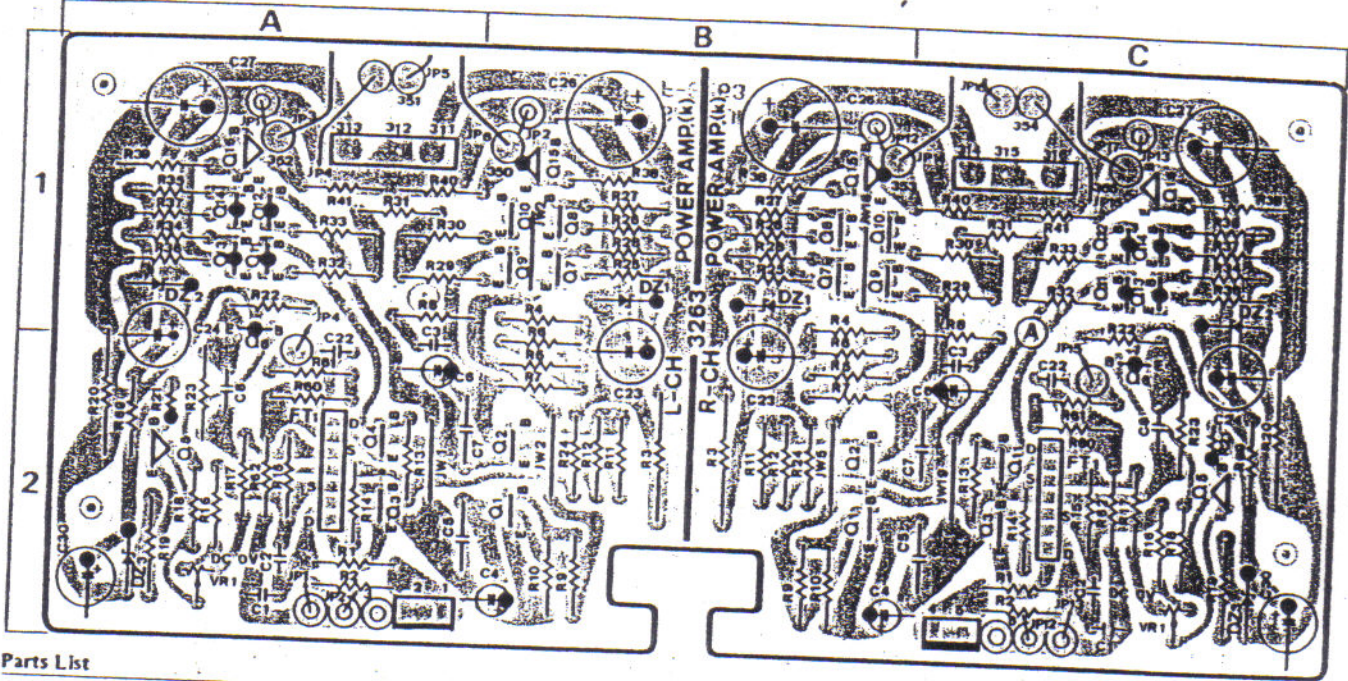
Parts No. Stock

•FET

hFT1	03703500	ZSK146
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3-3. F-3263 Driver Amp. Circuit Board (Stock No. 07085301)

Component Side



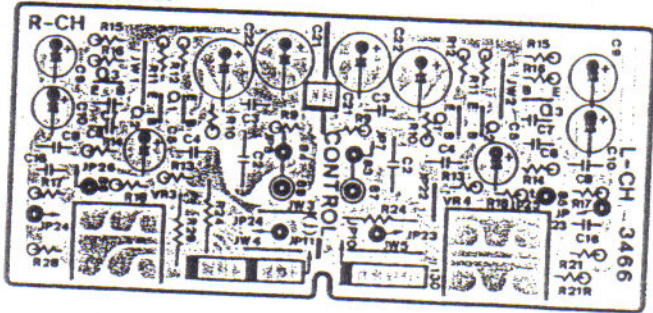
Parts List

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	μPA68H L, M

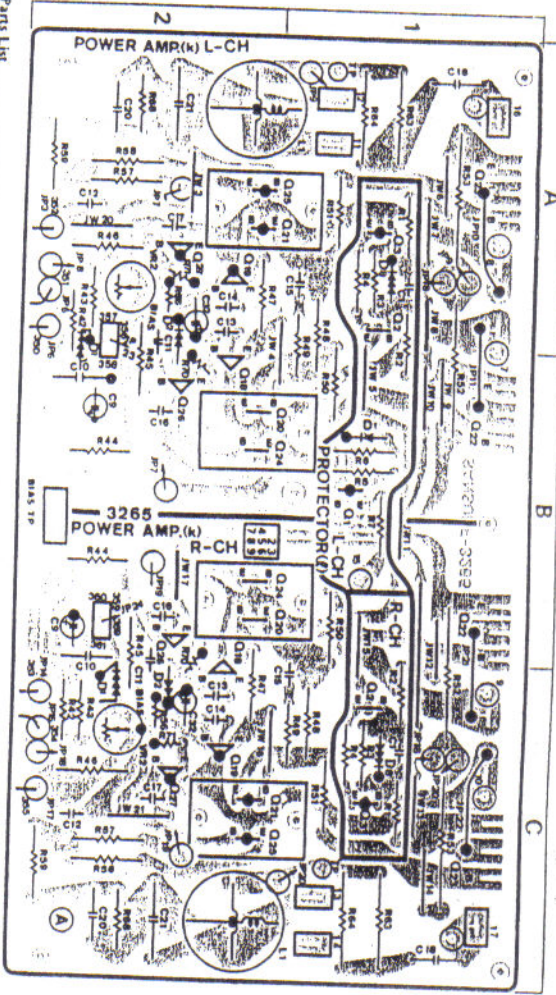
Parts No.	Stock No.	Description
•Zener Diode		
kDZ1	03171900	RD27F-B
kDZ2	03171900	RD27F-B
kDZ3	03163100	RD13E-B
kR3	00186900	1.5kΩ 2W N.I.R.
kR20	00186900	1.5kΩ 2W N.I.R.
kC1	00371200	22pF 125V P.C.
kC2	00371200	22pF 125V P.C.
kC5	00407400	0.033μF 100V M.C.
kC7	00407400	0.033μF 100V M.C.
kC8	00403800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

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

Component Side



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

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.

Varistor

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

Parts No. Stock No. Description

KL1	46027200	Inductor 2.5µH
KVRZ	10342100	Semi Variable Resistor 1KΩ (B), bias adj.

Diode

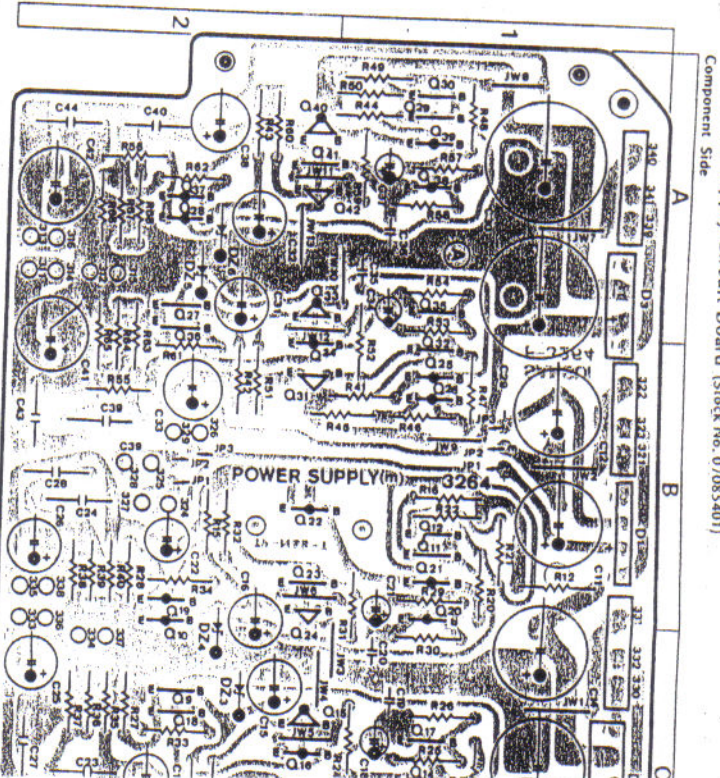
ID1	03111600	1S2473D
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Varistor

ID8	03401700	MV-103
-----	----------	--------

- 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
-----------	-----------	-------------

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
mQ30	03067401	ZSC1845

Parts No. Stock No. Description

Diode

mQ37	03010901	ZSA992
mQ38	03010901	ZSA992
mQ39	03010901	ZSA992
mQ40	03010501	ZSA988
mQ41	03067401	ZSC1845
mQ42	03064501	ZSD356

Diode

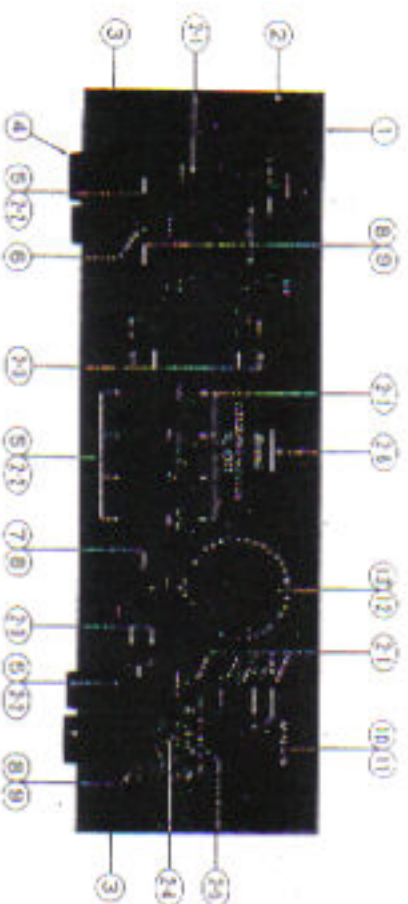
mD1	07193300	UB-152LF
mD2	07193300	UB-152LF
mD3	07193300	UB-152LF

Diode

mD37	03163100	RD13E-B
mD38	03163100	RD13E-B
mD39	03163100	RD13E-B
mD40	03163100	RD13E-B
mD41	03163100	RD13E-B
mD42	03163100	RD13E-B

Diode

mD43	07258800	Z2PF 200
mD44	07258800	Z2PF 200
mD45	07262600	100µF 50V
mD46	07262600	100µF 50V
mD47	07258800	Z2PF 200
mD48	07258800	Z2PF 200



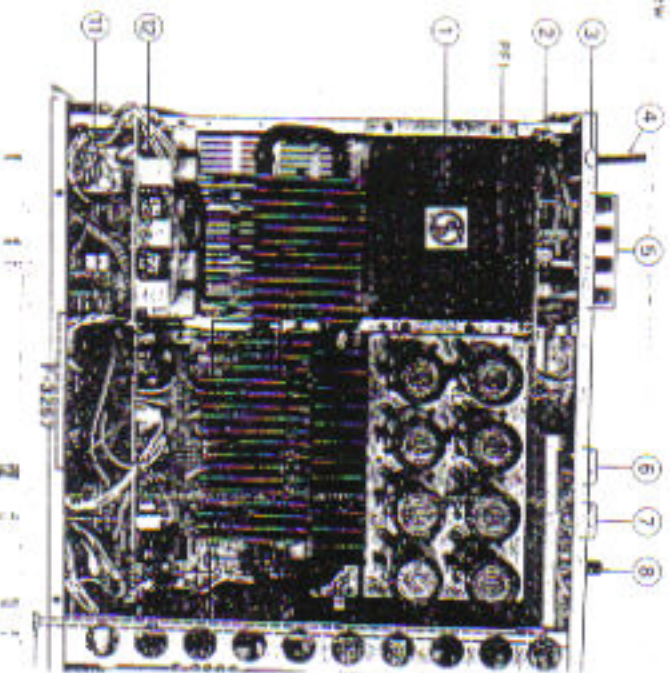
Part List -Front View-

Part No.	Stock No.	Description
1	02080010	Wind Burner
2	02072000	Flyer Panel Assy
2-1	02071000	Indicator Panel Assy
2-2	02081200	Push Knob Control, POWER II, TONE
2-3	02079000	FILTERS, MOUNTING, TAPE PLAYS
2-4	11081200	Push Knob Assy, PHONO SELECTOR
2-5	02078100	MC GAIN
2-6	02082700	Indicator Push (4-eyes)
3	02071200	Power Sop Frame
4	02072000	Leg
5	02080000	Push Knob, POWER II, TONE
6	02071000	FILTERS, MOUNTING, TAPE PLAYS
7	02071000	Head Phone Jack
8	02082000	Knob, BALANCE
9	02072000	Knob, INPUT SELECTOR
10	02080000	Knob, SPEAKERS
11	02080000	Knob, REC SELECTOR, TREBLE
12	02080000	Knob, VOLUME
13	02082000	Knob, REC SELECTOR, BASS
14	02082000	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 I, 2
8	22000000	Ground Terminal
9	02080010	Connector, pilot light
10	02080010	Connector, pilot light
11	00280000	DL14P 120V C.C.
12	02280000	Power Switch, power
13	22000000	40 Input Terminal, voice 2
14	22000000	40 Input Terminal, phone 1

W-CMD-48 07200000 8200W 71V E.C.
 #P1 07180000 Fuse 10A, 250V (110V - 120V)
 07180100 Fuse 5A, 250V (220 - 240V)



4-3. Bottom View

