SERVICE MANUAL

PM683

4822 725 50877

marantz®

model PM683

Stereo Amplifier

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, MARANTZ company has created the ultimate in stereo sound.
Only **original MARANTZ parts** can insure that your MARANTZ product will continue to perform to the specifications for which it is famous.

Parts for your MARANTZ equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS:

Parts can be ordered either by mail or by telex. In both cases, correct part number has to be specified.
The following information must be supplied to eliminate delays in processing your order:

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature: any order form or telex must be signed otherwise such part order will be considered as null and void.

MARANTZ INTERNATIONAL
Vestdijk 9
5600 MD Eindhoven
The Netherlands
Phone: +31/40.758290
Telefax: +31/40.75.82.99
Telex: 35000 PHTC NL routing IND NLMTFAT

PARTS ORDERING

Parts may be ordered at the following addresses:

AUSTRIA
HORNYPHON
Vertriebsgesellschaft GmbH
Wienerbergstrasse 1
A 1101 Wien
Austria
Telex: 132.332

BELGIUM
SVD DIVISION MARANTZ
Industrialaan 1
1720 Groot-Bijgaarden
Belgium
Telex: 24466

CHILE
MARANTZ
DIVISION OF PHILIPS S.A.
AV. Santa Maria, 0760
Casilla 2687
Santiago
Telex: 240.239

DENMARK
MARANTZ
DIVISION OF PHILIPS
SERVICE A/S
Prags Boulevard 80
Postbox 1919
DK-2300 København S
Denmark
Telex: 31201

FINLAND
MARANTZ
DIVISION OF OY PHILIPS Ab
Kaivokatu 8
00100 Helsinki
Finland
Telex: 124811

FRANCE
MARANTZ FRANCE
4 Rue Bernard Palissy
92600 Asnières
France
Telex: 611651

GERMANY
MARANTZ GERMANY GmbH
Max-Planck-Strasse 22
6072 Dreieich 1
Germany
Telex: 529821

THE NETHERLANDS
Elpro Marantz
Wint Hontlaan 28
3526 KV Utrecht
The Netherlands
Telex: 4748

NORWAY
MARANTZ
DIVISION OF PHILIPS A/S
Sandstuveien 40
0680 Oslo 6
Norway
Telex: 72640

GREAT BRITAIN
MARANTZ AUDIO U.K. Ltd
Unit 15/16
Saxon Way Industrial Estate
Moor Lane
Harmondsworth UB7 OLW
Great Britain
Telex: 935196

GREECE
SHERTON ELECTRONICS S.A.
P.O.Box 21025
Hippocratus Street 188
Athens 11471
Greece
Telex: 216.795

JAPAN
MARANTZ JAPAN, Inc.
35-1, 7-chome, Sagamiono
Sagamihara-shi, Kanagawa
Japan

KUWAIT
AL ALAMIAH ELECTRONICS
Ussama Building
Fahd al Saleem Street
P.O.Box 23781
Safat-Kuwait
Telex: 22694

ITALY
MARANTZ ITALIANA S.P.A.
Via Chiese, 74
20126 Milano
Italy

SAUDI ARABIA
AL ALAMIAH ELECTRONICS
P.O.Box 5954
University Street
Riyadh 11432
Saudi Arabia
Telex: 401530

SOUTH AFRICA
MARANTZ
DIVISION OF PHILIPS S.A.
Main Road Martindale
P.O. Box. 58088
Newville 21114
South Africa

SPAIN
PHONO S.A.
Ignacio Iglesias 10
Badalona (Barcelona)
Spain
Telex: 59355

SWEDEN
MARANTZ
DIVISION OF PHILIPS
Försäljning AB
Tegeluddsvägen 1
S-115 84 Stockholm
Sweden
Telex: 14060

SWITZERLAND
DYNAVOX ELECTRONICS
Route de Villars 105
1701 Fribourg
Switzerland
Telex: 942377

TURKEY
DOGRUOL Ltd.
I.M.C.
6 Blok N°6310
Unkapani
Istanbul
Turkey
Telex: 22085

MALTA
CACHIA & GALEA
Republic Street, 68D
Valetta
Telex: 1682

PORTUGAL
MARANTZ
Divisao philips S.A. service
Outurela-carnaxide
2795 LinDA-A-VELHA
Telex: 43906

All of the above locations are fully equipped to take care of your total service needs. Because various countries have differing configuration requirements, it is necessary that you contact the service facility in your particular country. In the event that there is no service location listed for your country, please, contact the nearest facility for the necessary assistance.

In case of difficulties, do not hesitate to contact the Technical Department at abovementioned address.

1. TEST EQUIPMENT REQUIRED FOR SERVICING

This table lists the test equipment required for servicing the Model PM683 Stereo Amplifier.

Item	Use
Distortion Analyzer	Distortion measurements
Audio Oscillator	Sinewave and squarewave signal source
ACVTVM	Voltage measurements (AC)
Oscilloscope	Waveform analysis and trouble shooting and ASO alignment
Circuit Tester	Trouble shooting
DCVTVM	Voltage measurements (DC)
AC Wattmeter	Monitors primary power to amplifier
Line Voltmeter	Monitors potential of primary power to amplifier
Variable Autotransformer (0 to 140V AC, 10A)	Adjust level of primery power to amplifier
Shorting Plug	Shorts amplifier input to eliminate noise pickup

2. P.W. BOARDS

As can be seen from the circuit diagram the chassis of Model PM683 consists of the following units. Each unit mounted on a printed circuit board is described within the square enclosed by a bold dotted line on the circuit diagram.

1. Relay ..... mounted on P.W. Board PA14
2. Connector ..... mounted on P.W. Board PJ14
3. Video Amp ..... mounted on P.W. Board PL04
4. Pin Jack/Switch ..... mounted on P.W. Board PL14
5. R.G.B. Connector ..... mounted on P.W. Board PL24
6. Selector ..... mounted on P.W. Board PS04
7. REC Selector ..... mounted on P.W. Board PS34
8. Speaker Switch ..... mounted on P.W. Board PS44
9. Function-1 ..... mounted on P.W. Board PS84
10. Speaker Terminal ..... mounted on P.W. Board PT04
11. U-COM FL Driver .... mounted on P.W. Board PU04
12. F.I.P. Circuit Board ... mounted on P.W. Board PU14
13. Tact Switch ..... mounted on P.W. Board PU24
14. Tact Switch ..... mounted on P.W. Board PU34
15. Dolby Sorround ..... mounted on P.W. Board P604
16. Power Amp Driver .... mounted on P.W. Board P704
17. Transistor (DOLBY) ... mounted on P.W. Board P714
18. Transistor (DOLBY) ... mounted on P.W. Board P724
19. Transistor (DOLBY) ... mounted on P.W. Board P734
20. Power Amp/Supply ... mounted on P.W. Board P754
21. Regulator ..... mounted on P.W. Board P801
22. Regulator ..... mounted on P.W. Board P802

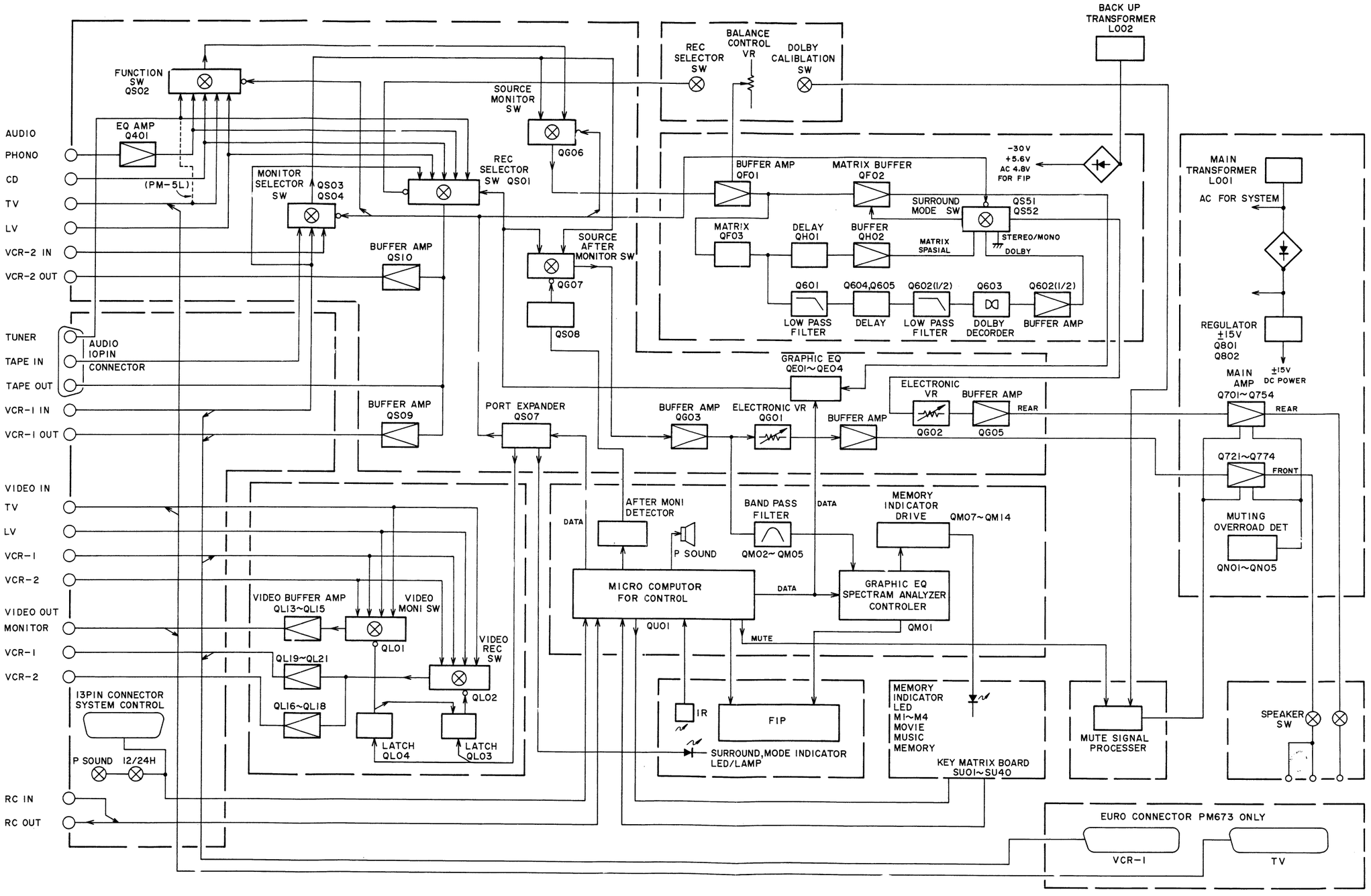
3. ADJUSTMENT PROCEDURES

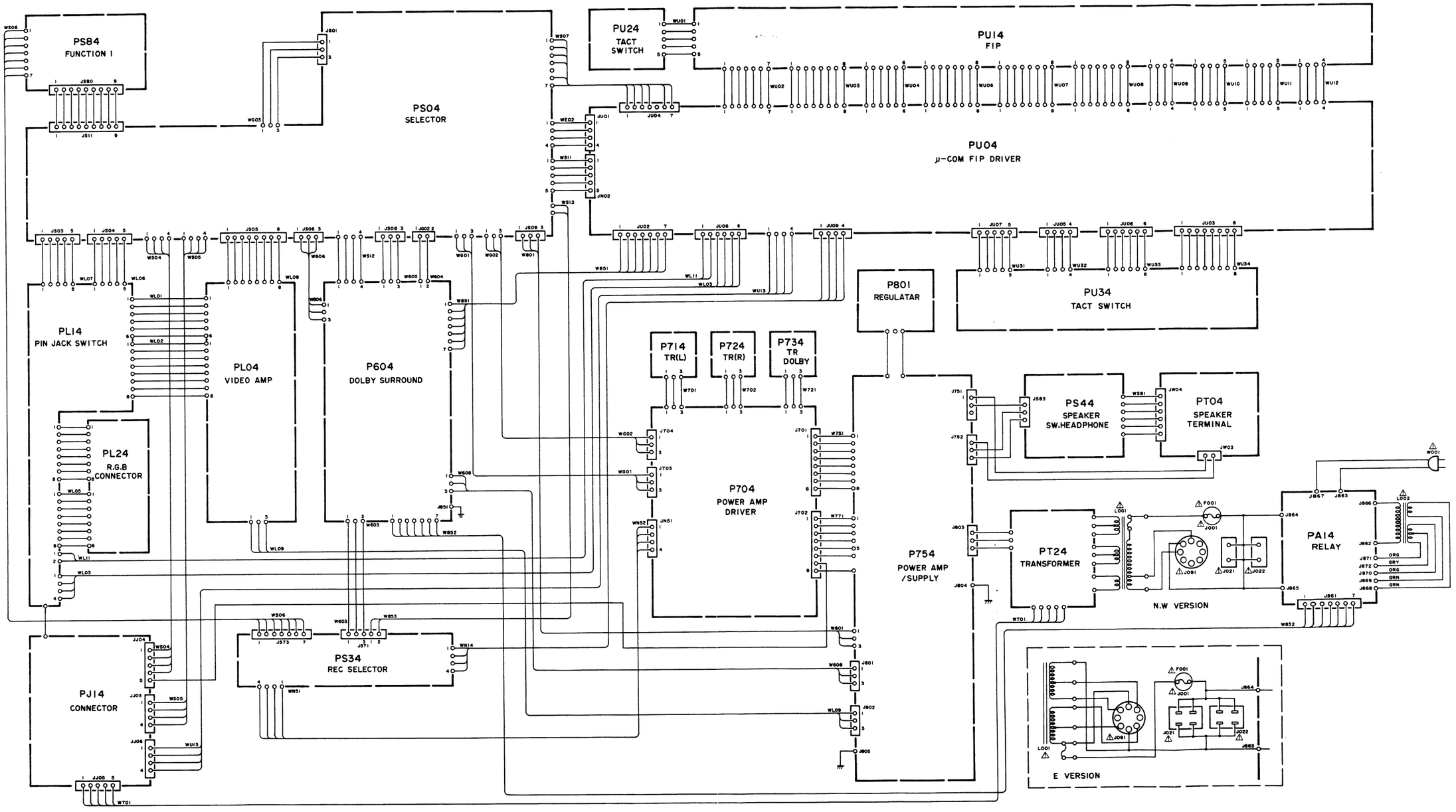
- **Adjustment of Main Amp Idling Current**

  Connect a digital voltmeter to the R755, R756, and R776 emitter resistor adjustment terminals, turn the power on, then adjust variable resistors R711, R712, and R731 when the power becomes stable so that the reading on the voltmeter is between 1 mV and 1.5 mV.

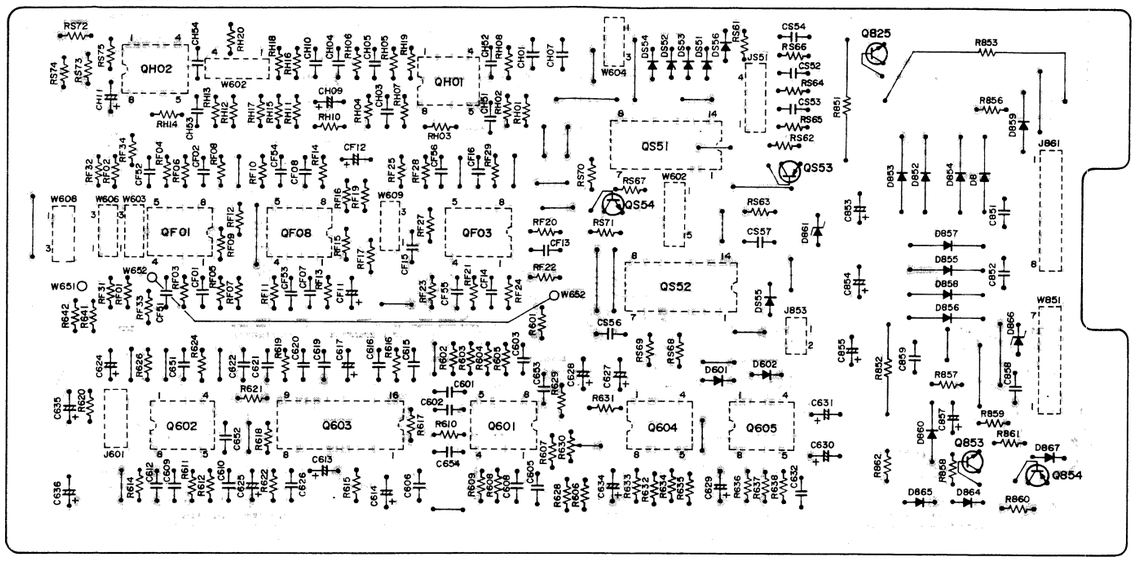
- **Adjustment of Dolby Surround Output Distortion**

  Input 1 kHz to the L or R input terminals, set the mode switch to Dolby Surround, increase the input for a voltage of 1.6 V at the test point (J601), then adjust variable resistor R630 so that the distortion is minimum.

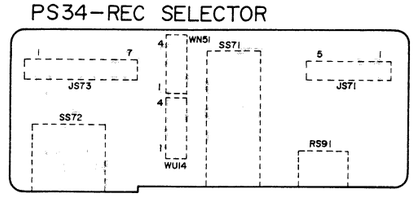

BACK UP TRANSFORMER L002
REC SELECTOR SW
BALANCE CONTROL VR
DOLBY CALIBLATION SW
FUNCTION SW QS02
SOURCE MONITOR SW
QG06
EQ AMP Q401
AUDIO
PHONO
CD
TV
LV
VCR-2 IN
VCR-2 OUT
(PM-5L)
MONITOR SELECTOR SW
QS03 QS04
REC SELECTOR SW QS01
BUFFER AMP QS10
SOURCE AFTER MONITOR SW
QG07
QS08
BUFFER AMP QF01
MATRIX BUFFER QF02
-30V
+5.6V
AC 4.8V FOR FIP
SURROUND MODE SW
QS51 QS52
MATRIX QF03
DELAY QH01
BUFFER QH02
MATRIX SPASIAL
STEREO/MONO
DOLBY
Q601
Q604,Q605
Q602(1/2)
Q603
Q602(1/2)
LOW PASS FILTER
DELAY
LOW PASS FILTER
DOLBY DECORDER
BUFFER AMP
MAIN TRANSFORMER L001
AC FOR SYSTEM
REGULATOR ±15V Q801 Q802
±15V DC POWER
MAIN AMP Q701~Q754
REAR
Q721~Q774
FRONT
MUTING OVERROAD DET
QN01~QN05
TUNER
TAPE IN
TAPE OUT
VCR-1 IN
VCR-1 OUT
AUDIO 10PIN CONNECTOR
GRAPHIC EQ QE01~QE04
ELECTRONIC VR
BUFFER AMP
QG02
QG05
REAR
BUFFER AMP QS09
PORT EXPANDER QS07
BUFFER AMP QG03
ELECTRONIC VR QG01
BUFFER AMP
VIDEO IN
TV
LV
VCR-1
VCR-2
VIDEO OUT
MONITOR
VCR-1
VCR-2
AFTER MONI DETECTOR
DATA
P SOUND
BAND PASS FILTER
QM02~QM05
DATA
MEMORY INDICATOR DRIVE
QM07~QM14
MICRO COMPUTOR FOR CONTROL
DATA
GRAPHIC EQ SPECTRAM ANALYZER CONTROLER
QM01
QU01
MUTE
VIDEO BUFFER AMP QL13~QL15
VIDEO MONI SW
QL01
VIDEO REC SW
QL19~QL21
QL02
QL16~QL18
LATCH QL04
LATCH QL03
13PIN CONNECTOR SYSTEM CONTROL
P SOUND
12/24H
IR
FIP
SURROUND,MODE INDICATOR LED/LAMP
MEMORY INDICATOR LED
M1~M4
MOVIE
MUSIC
MEMORY
KEY MATRIX BOARD SU01~SU40
MUTE SIGNAL PROCESSER
SPEAKER SW
RC IN
RC OUT
EURO CONNECTOR PM673 ONLY
VCR-1
TV


PS84
FUNCTION 1
PS04
SELECTOR
PU24
TACT SWITCH
PU14
FIP
PU04
μ-COM FIP DRIVER
PU34
TACT SWITCH
P801
REGULATAR
PL14
PIN JACK SWITCH
PL04
VIDEO AMP
P604
DOLBY SURROUND
PL24
R.G.B CONNECTOR
P714
TR(L)
P724
TR(R)
P734
TR DOLBY
P704
POWER AMP DRIVER
PS44
SPEAKER SW.HEADPHONE
PT04
SPEAKER TERMINAL
P754
POWER AMP /SUPPLY
PT24
TRANSFORMER
PA14
RELAY
N.W VERSION
E VERSION
PJ14
CONNECTOR
PS34
REC SELECTOR

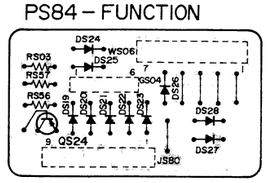
P604 - DOLBY SURROUND



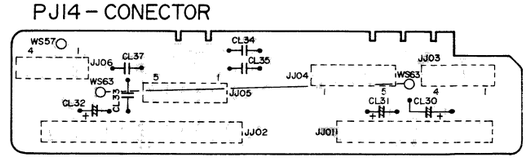
PS34 - REC SELECTOR



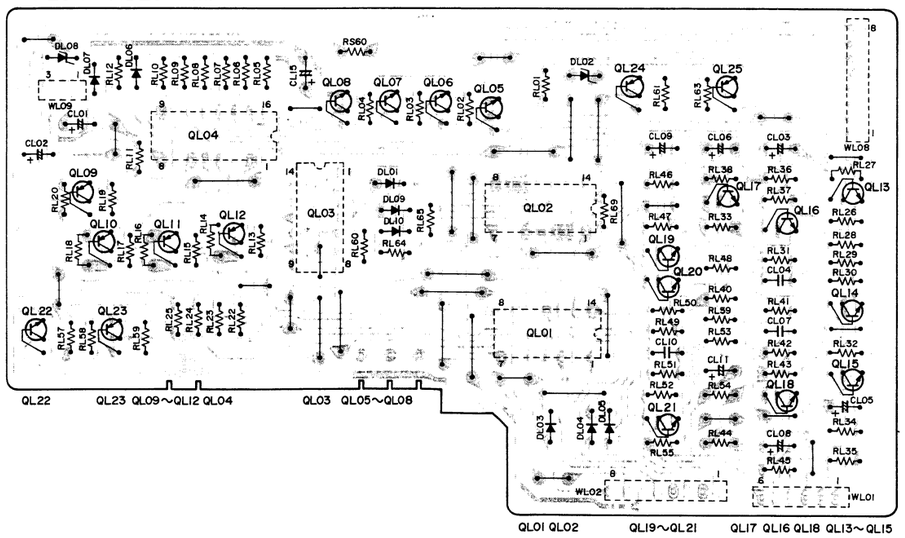
PS84 - FUNCTION



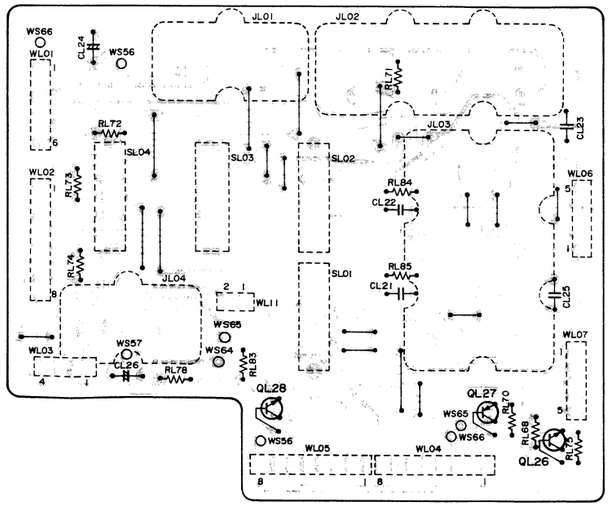
PJ14 - CONECTOR



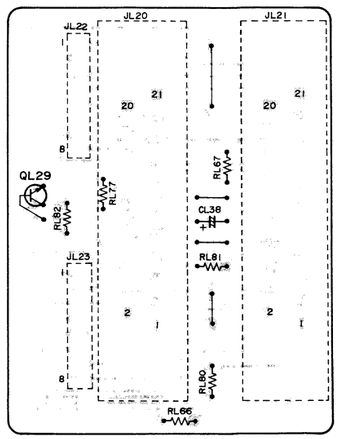
PL04 - VIDEO AMP



PL14 - PIN JACK SWITCH



PL24 - R.G.B. CONECTOR



PL04 VIDEO AMP

P604 DOLBY SURROUND

PL14 PIN JACK SWITCH

PJ14 CONNECTOR

PL24 R,G,B CONNETOR

PS34 REC SELECTOR

P604 DOLBY SURROUND

PS34 REC SELECTOR

Q601,Q602,QF01~QF03
QH01,QH02
HC10008090
NJM4558D-D

Q603
HC10058050
TA7629P

Q604
HC10043020
MN3007

Q605
HC10044020
MN3101

Q852
HT32458280
2SC2458(Y,GR)

Q853,QL05~QL08,QL28,QL29
QL13~QL22,QL26,QS54
HT30001000
2SC536SP(F,G)

Q854,QL09~QL12
QL23~QL25,QL27,QS53
HT10001000
2SA608SP(F,G)

QL01,QL02
HC406600B0
LC4066

QL03
HC400100B0
LC4001

QL04
HC10110050
TC9135P

QS51,QS52
HC10150030
LC4966

D601,D602,D864,D865
D867,DL01~DL06,DL09
DL10,DS51~DS56
HD20002000
1SS133,etc.

D851~D860
HD20003000
DSF10C,etc.

D861
HD30561000
5.6V

D866
HD31201000
12V

DL07,DL08
HD30681000
6.8V

TOP VIEW

NJM4558D-D

TOP VIEW

MN3007
MN3101

TOP VIEW

LC4966

TOP VIEW

LC4001
LC4066

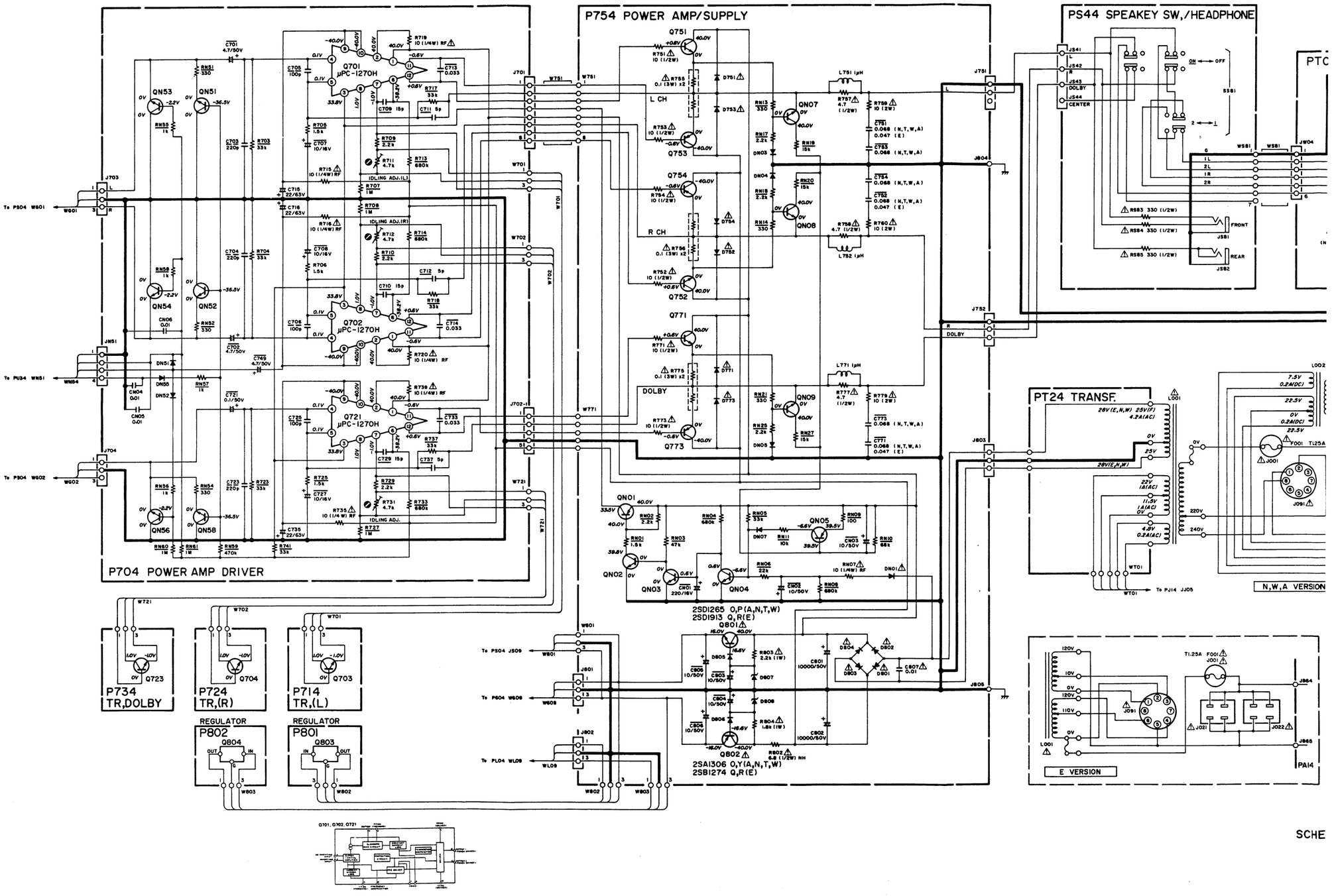
TOP VIEW

2SC536SP(F,G) 2SA608SP(F,G)

TA7629P
TA9135P

2SC2458(Y,GR)

MZ 2154


P704 POWER AMP DRIVER
P754 POWER AMP/SUPPLY
PS44 SPEAKEY SW,/HEADPHONE
PT24 TRANSF.
P734 TR,DOLBY
P724 TR,(R)
P714 TR,(L)
REGULATOR P802
REGULATOR P801
L CH
R CH
DOLBY
IDLING ADJ.(L)
IDLING ADJ.(R)
IDLING ADJ.
2SD1265 O,P(A,N,T,W)
2SD1913 Q,R(E)
2SA1306 O,Y(A,N,T,W)
2SB1274 Q,R(E)
N,W,A VERSION
E VERSION
SCHE

P754 POWER AMP/SUPPLY

PS44 SPEAKEY SW,/HEADPHONE

PT04 SPEAKER TERMINAL

PT24 TRANSF.

PA14 RELAY

N,W,A VERSION

E VERSION

2SD1265 O,P(A,N,T,W)
2SD1913 Q,R(E)

2SA1306 O,Y(A,N,T,W)
2SB1274 Q,R(E)

SCHEMATIC DIAGRAM OF PM683 (4/4)

Q701,Q702,Q721
HC10114060
μPC1270H

Q703,Q704,Q723
HT33419IY0
2SC3419(Y)

Q751,752,Q771
HT417142B0
2SD1714(S,P)

Q753,Q754,Q773
HT211592B0
2SB1159(S,P)

Q801
HT412652A0
2SD1265(R,P)

Q802
HT113062D0
2SA1306(O,Y)

Q803
HC38506090
NJM78M06A

QN01
HT10001000
2SA608SP(F,G)

QN02,QN07~QN09
HY327852D0
2SC2785(FF,EF)

QN03,QN04
HT30001000
2SC536SP(F,G)

QN05
HT111752D0
2SA1175(FF,EF)

QN51~QN54,QN56
QN58
HT328781A0
2SC2878(A)

Q804
HC39506090
NJM79M06

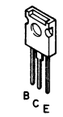
D751~D754,D771
D773,DN01,DN02
HD20003000
DSF10C,etc.

D801~D804
HD20011290
S3V20

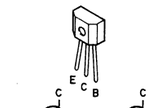
D805,D806
DN03~DN05,DN07
DN51~DN53
HD20002000
1SS133,etc.

D807,D808
HD31601000
16V

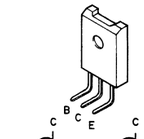
DN54
HD31201000
12V



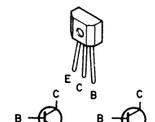
2SC3419



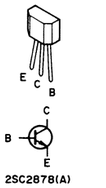
2SC536SP(F,G) 2SA608SP(F,G)



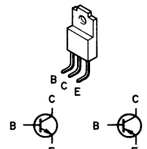
2SD1714(S,P) 2SB1159(S,P)



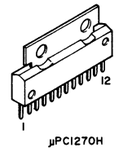
2SC2785(FF,EF) 2SA1175(FF,EF)



2SC2878(A)

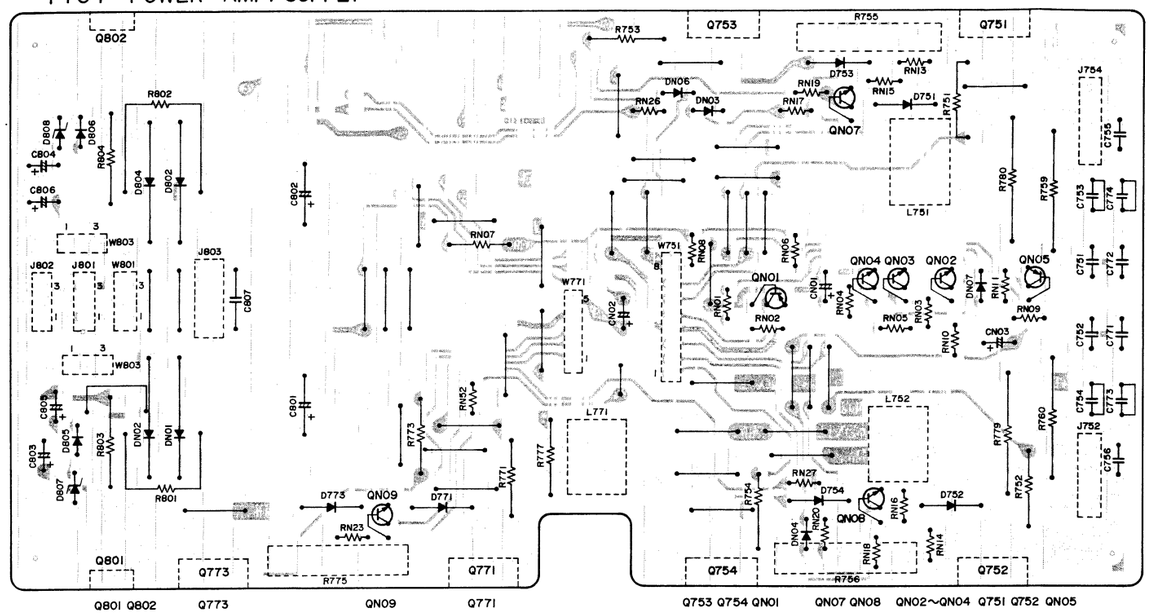


2SD1265(O,Y) 2SA1306(R,P)



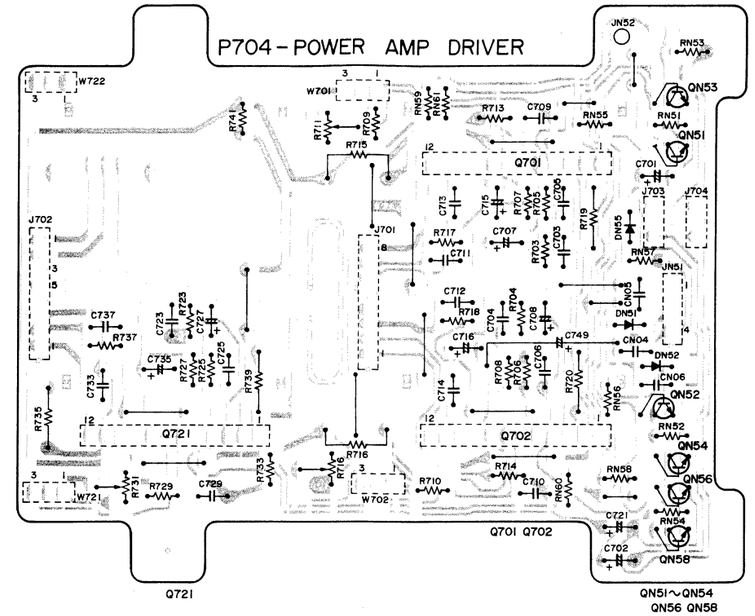
μPC1270H

P754 – POWER AMP/SUPPLY



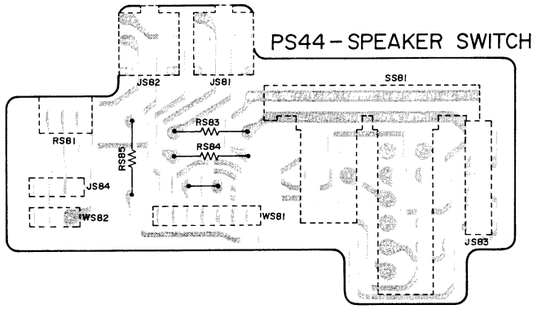
Q801 Q802 Q773 QN09 Q771 Q753 Q754 QN01 QN07 QN08 QN02~QN04 Q751 Q752 QN05

P704 – POWER AMP DRIVER

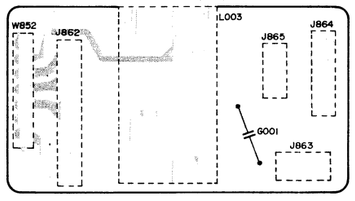


Q721 QN51~QN54 QN56 QN58

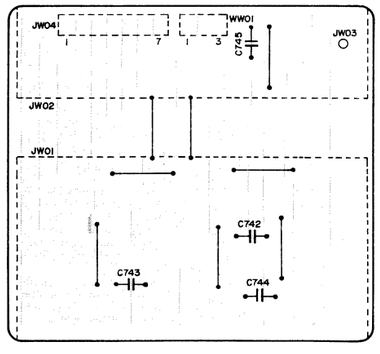
PS44 – SPEAKER SWITCH



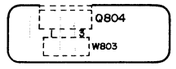
PA14 – RELAY (A,N,T,W) VERSION



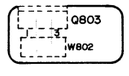
PT04 – SPEAKER TERMINAL



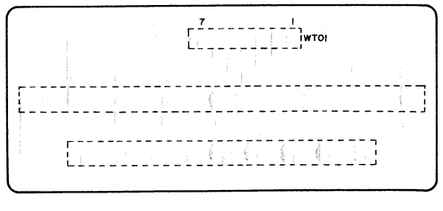
P802 – REG.



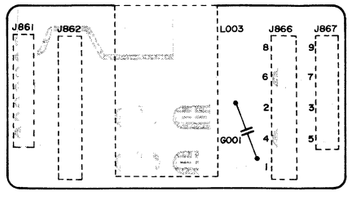
P801 – REG.



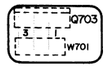
PT24 – TRANSF.



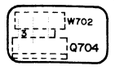
PA14 – RELAY (E) VERSION



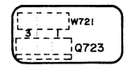
P714 – TR(L)

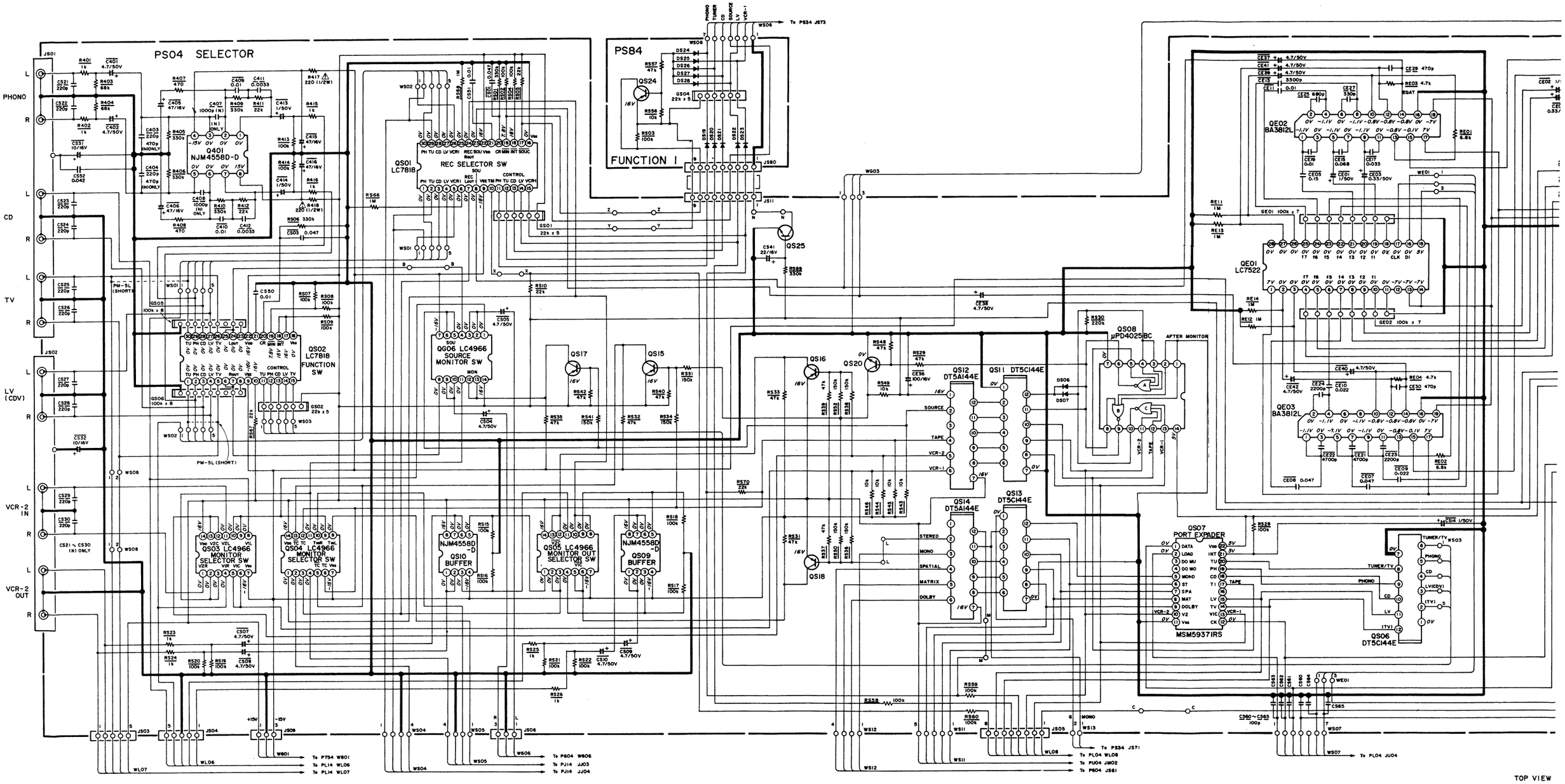


P724 – TR(R)

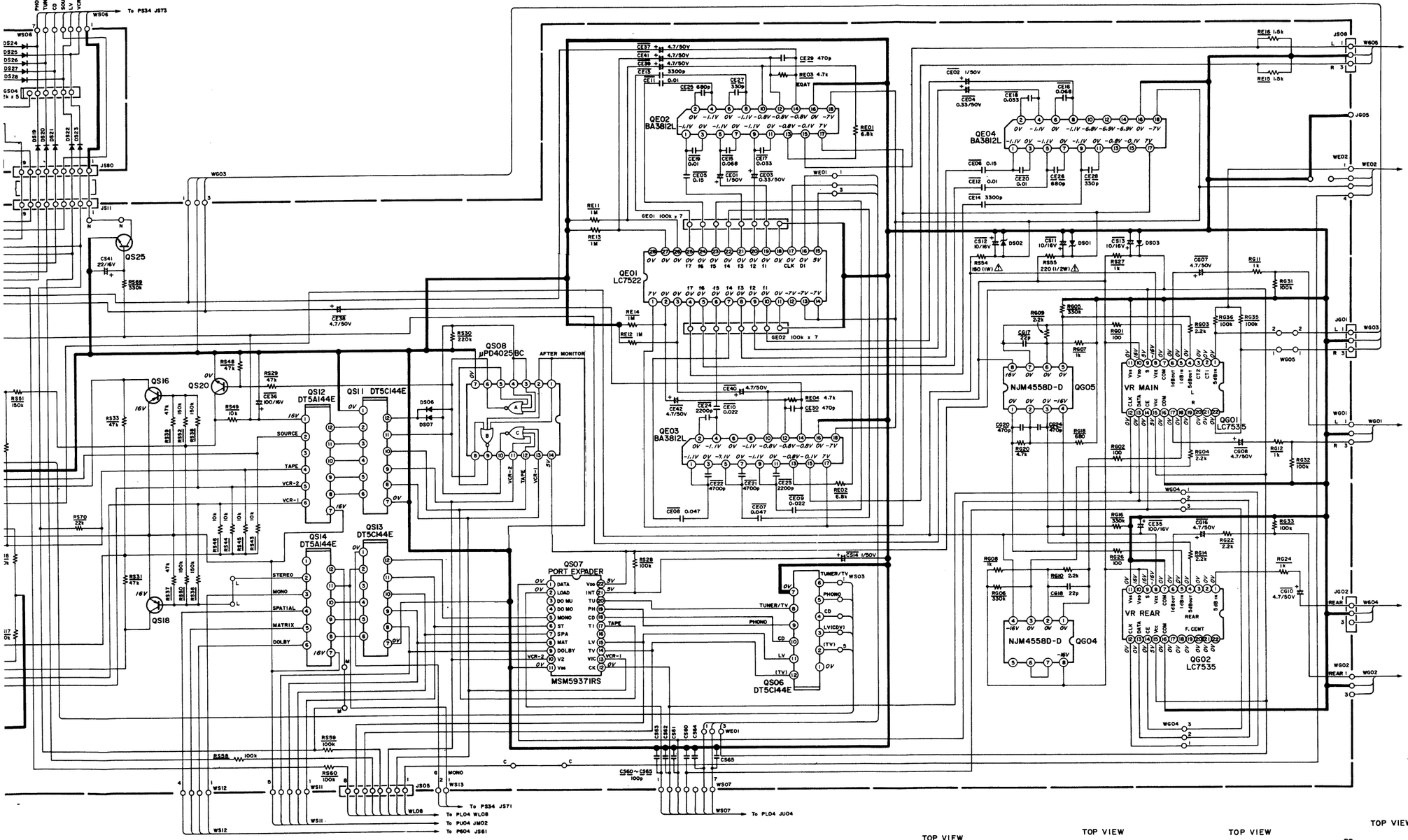


P734 – TR DOLBY




PS04 SELECTOR
PS84
FUNCTION I
QS01 LC7818
REC SELECTOR SW
QS02 LC7818 FUNCTION SW
QS06 LC4966 SOURCE MONITOR SW
Q401 NJM4558D-D
QS03 LC4966 MONITOR SELECTOR SW
QS04 LC4966 MONITOR SELECTOR SW
QS05 LC4966 MONITOR OUT SELECTOR SW
QS10 BUFFER
QS09 BUFFER
QS11 DT5C144E
QS12 DT5A144E
QS13 DT5C144E
QS14 DT5A144E
QS07 PORT EXPADER
MSM5937IRS
QS08 μPD4025BC
QS06 DT5C144E
QE01 LC7522
QE02 BA3812L
QE03 BA3812L
PHONO
CD
TV
LV (CDV)
VCR-2 IN
VCR-2 OUT
AFTER MONITOR
TOP VIEW
NJM4558D-
μPD4025B-

MZ 2157



QE01
HC10216030
LC7522

QE02~QE04
HC10052210
BA3812L

QG01
HC10217030
LC7535

QG04,QG05,QS09
QS10,Q401
HC10008090
NJM4558D-D

QG06
QS03~QS05
HC10150030
LC4966

QS01,QS02
HC10168030
LC7818

QS06,QS11,QS13
HC10069210
DT5C144E

QS07
HC10001260
MSM59371RS

QS08
HC40250080
μPD4025BC

QS12,QS14
HC10068210
DT5A144E

QS15~QS18
QS24
HT10001000
2SA608SP(F,G)

QS20,QS25
HT30001000
2SC536SP(F,G)

DS01,DS02
HD30681000
6.8V

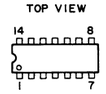
DS03
HD30511000
5.1V

DS04~DS07
DS19~DS28
HD20002000
1SS133,etc.

TOP VIEW

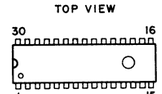
NJM4558D-D

TOP VIEW



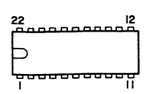
LC4966

TOP VIEW



LC7818

TOP VIEW



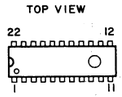
MSM59371RS

DT5C144E
DT5A144E

TOP VIEW

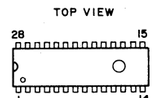
μPD4025BC

TOP VIEW

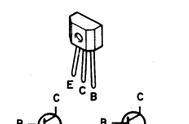


LC7535

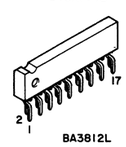
TOP VIEW



LC7522

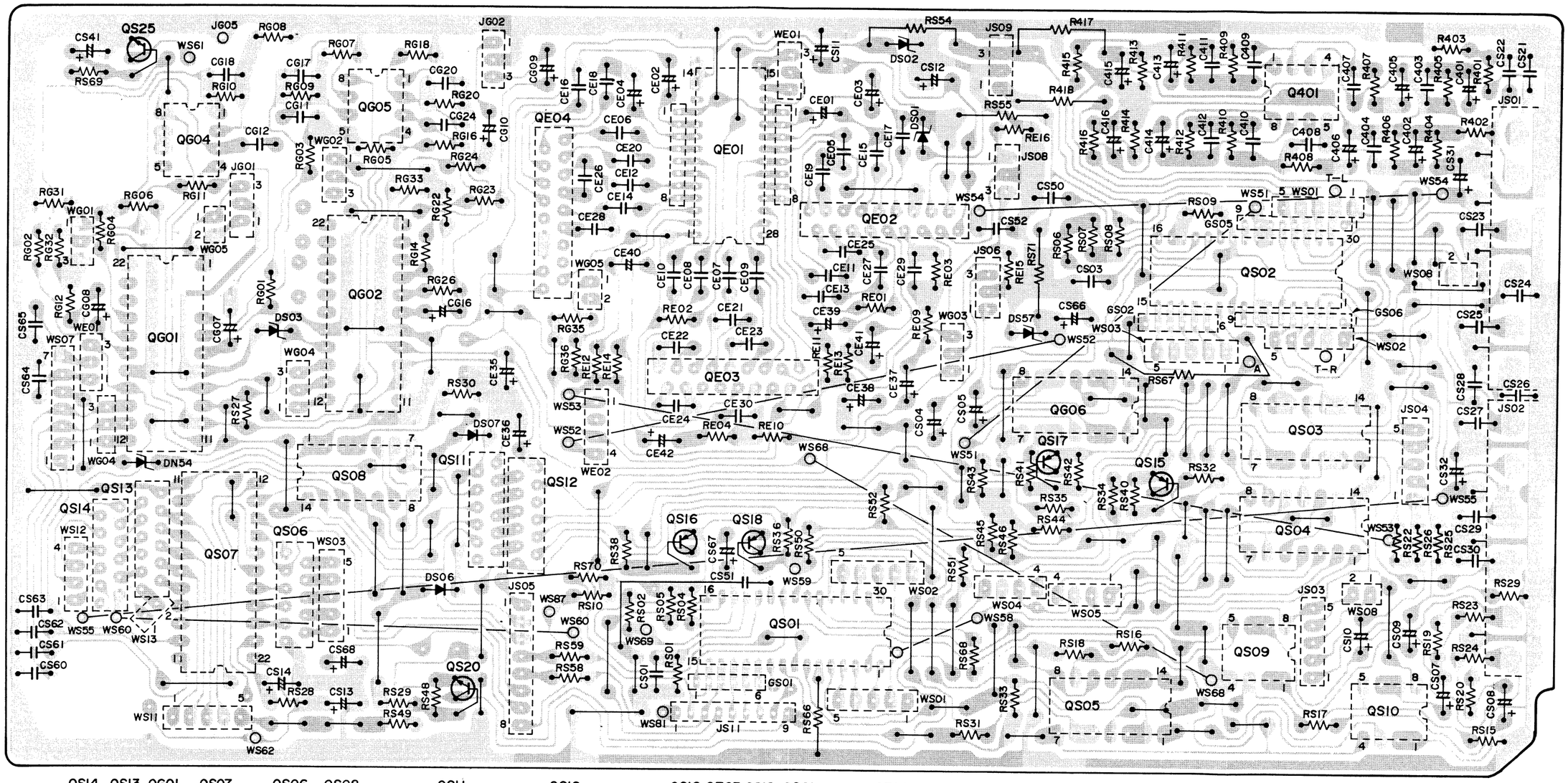


2SC536SP(F,G) 2SA608SP(F,G)



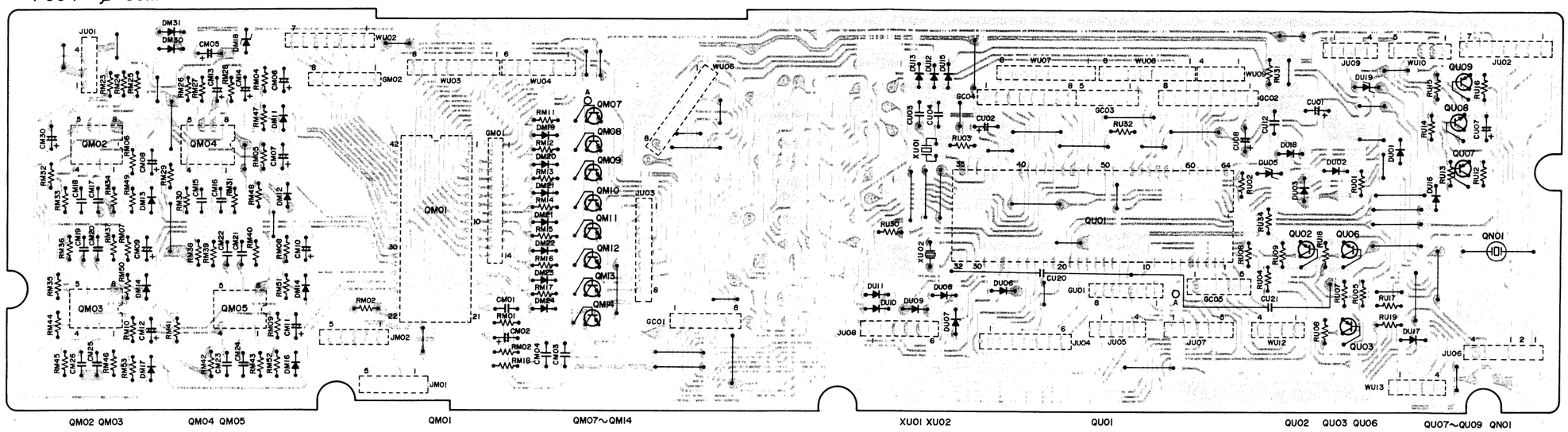
BA3812L

PS04 – SELECTOR



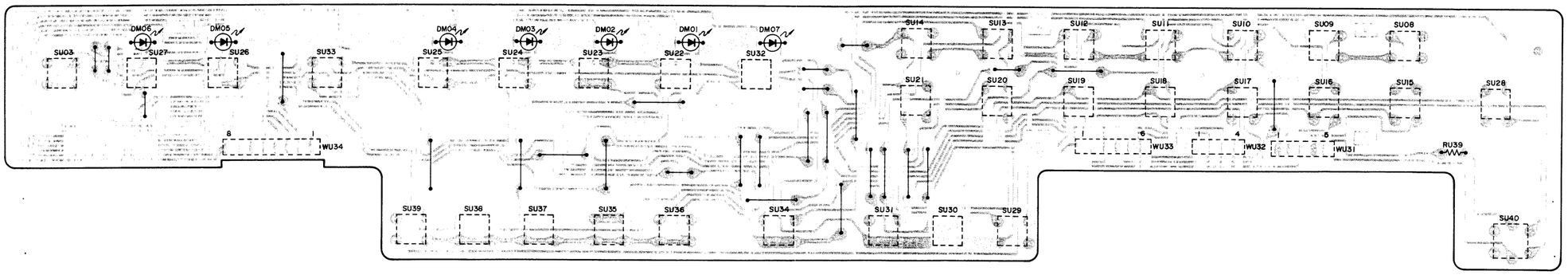
QS14 QS13 QG01 QS07 QS06 QS08 QS11 QS12 QS16 QE03 QS18 QS01 QE02 QS17 QG06 QS05 QS15 QS02~QS04 QS10
QS25 QG04 QG02 QG05 QS20 QE04 QE01 QS09 Q401

PU04 – μ-COM

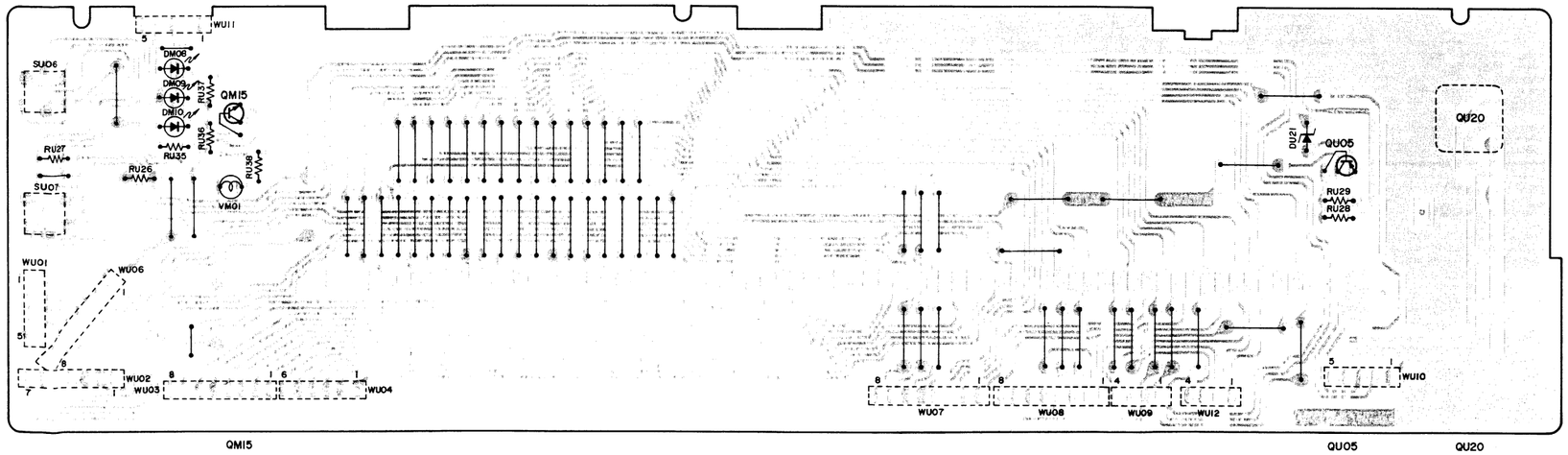


QM02 QM03 QM04 QM05 QM01 QM07~QM14 XU01 XU02 QU01 QU02 QU03 QU06 QU07~QU09 QN01

PU24 – TACT SWITCH

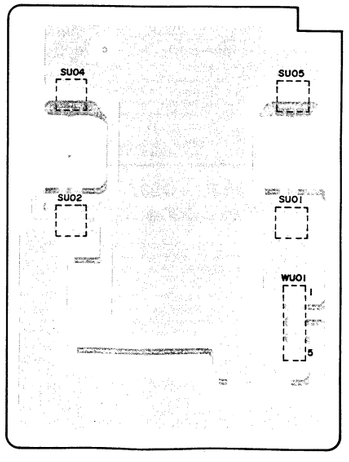


PU14 – FIP



QM15 QU05 QU20

PU34 – TACT SWITCH



PU14 FIP

VU01 DISPLAY UNIT

MUTING SU06

IR SENSOR QU20

VR PRESET SU07

STEREO DM08

MATRIX DM10

SPATIAL DM09

DOLBY VM01

QM15

QU05

PU34 TACT SWITCH

VR DOWN SU05

VR UP SU04

VIDEO FUNC SU02

AUDIO FUNC SU01

QU01 μPD75208(CW/G)

PU24 TACT SWITCH

MEMORY SU32

M1 SU22

M2 SU23

M3 SU24

M4 SU25

M5 SU26

M6 SU27

CLEAR SU33

SURROUND MODE SU03

EQ/SPEAKA SU28

EQ1 UP SU08

EQ2 UP SU09

EQ3 UP SU10

EQ4 UP SU11

EQ5 UP SU12

EQ6 UP SU13

EQ7 UP SU14

POWER SU40

EQ1 DOWN SU15

EQ2 DOWN SU16

EQ3 DOWN SU17

EQ4 DOWN SU18

EQ5 DOWN SU19

EQ6 DOWN SU20

EQ7 DOWN SU21

TIMER ADJ SU29

OTR SU30

SLEEP SU31

TPS SU34

− SU36

+ SU35

OK SU37

TIMER CL SU38

TIMER ON/OFF SU39

MEMORY

MUSIC

MOVIE

M4

M3

M2

M1

PU04 U-COM FIP DRIVER

To PS04 WS07

To PL14 WL11

To PL14 WL03

To PS34 WN14

To PJ14 JJ06

To P604 WB51

AUDIO MUTE

BUCKUP TUNER

RC OUT

EASY

VF

VF

-30V

POWER RELAY

5.8V

POWER DOWN

QN01 BUZZER

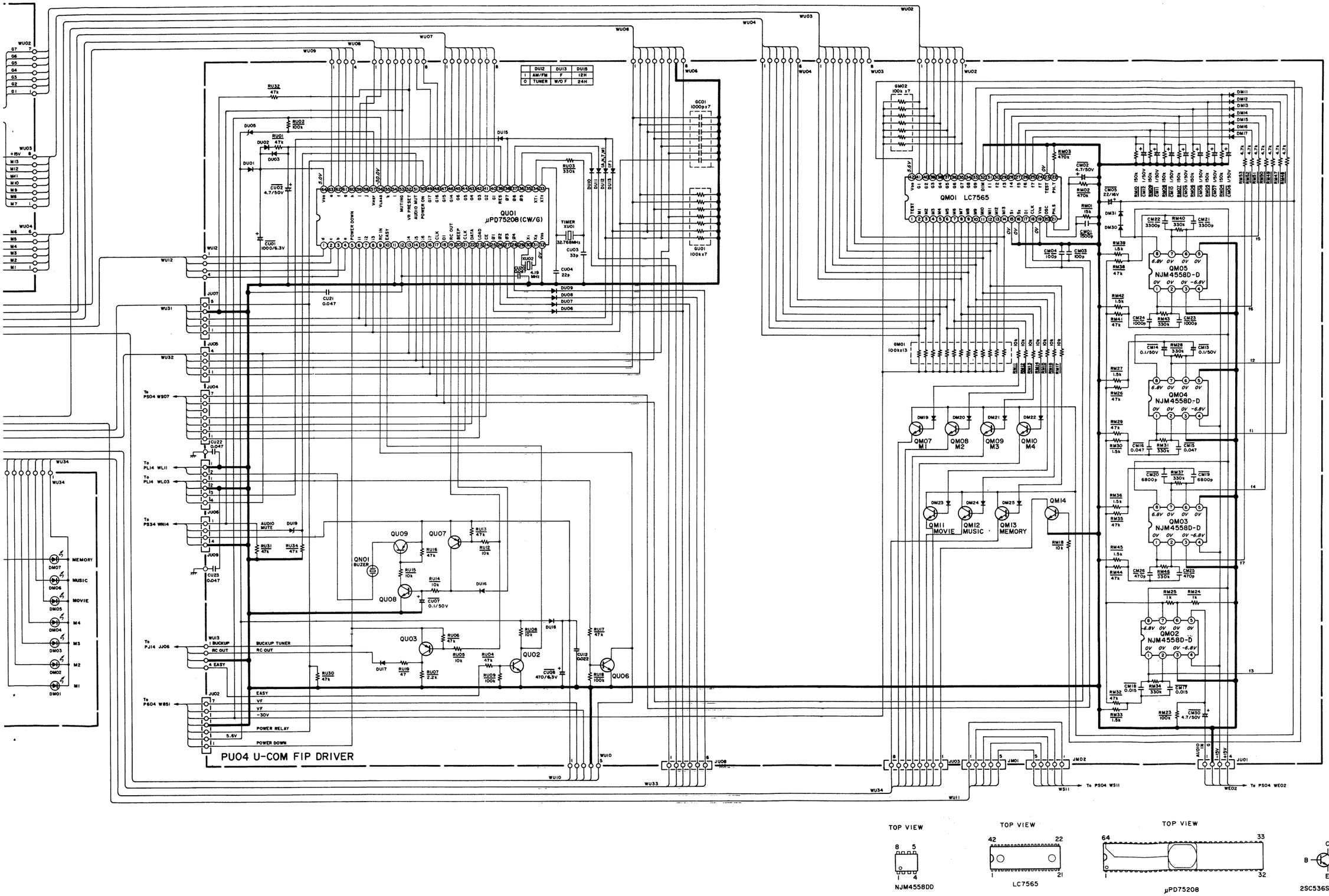
QU09

QU07

QU08

QU03

QU02



TOP VIEW

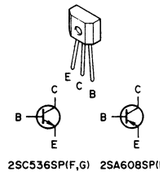
NJM4558DD

TOP VIEW

LC7565

TOP VIEW

μPD75208



2SC536SP(F,G) 2SA608SP(F,G)

MZ 2160

ASSIGNMENT OF COMMON PARTS CODES.

RESISTOR

R***: (1) GD05---140, Carbon film fixed resistor, ±5%, 1/4W
R***: (2) GD05---160, Carbon film fixed resistor, ±5%, 1/6W
① — Resistance value

Examples
① Resistance value

0.1Ω...001	10Ω...100	1kΩ...102	100kΩ...104
0.5Ω...005	18Ω...180	2.7kΩ...272	680kΩ...684
1Ω...010	100Ω...101	10kΩ...103	1MkΩ...105
6.8Ω...068	390Ω...391	22kΩ...223	4.7MkΩ...475

(Note) Please distinguish 1/4W from 1/6W by the shape of parts used actually.

C***: CERAMIC CAP.
(1) DD1---370, Ceramic condenser
Disc type
①② Temp. coeff. P350 ~ N1000, 50V
Capacity value
Tolerance

Examples
① Tolerance (Capacity deviation)
±0.25pF...0
±0.5pF...1
±5%...5
* Tolerance of COMMON PARTS handled here are as follows:
0.5pF ~ 5pF...±0.25pF
6pF ~ 10pF...±0.5pF
12pF ~ 560pF...±5%
② Capacity value

0.5pF...005	3pF...030	100pF...101
1pF...010	10pF...100	220pF...221
1.5pF...015	47pF...470	560pF...561

C***: CERAMIC CAP.
(1) DK16---300, High dielectric constant ceramic condenser
Disc type
① Temp. chara. 2B4, 50V
Capacity value

Example
② Capacity value

100pF...101	1000pF...102	10000pF...103
470pF...471	2200pF...222	

C***: ELECTROLY CAP. (⧧), FILM CAP. (⧦)
(1) EA------10, Electrolytic condenser
One-way lead type, Tolerance ±20%
①②
Dielectric strength
Capacity value

Examples
① Capacity value

0.1μF...104	4.7μF...475	100μF...107
0.33μF...334	10μF...106	330μF...337
1μF...105	22μF...226	1100μF...108
		2200μF...228

② Working voltage

6.3V...006	25V...025
10V...010	35V...035
16V...016	50V...050

(2) DF15---350, Plastic film condenser
One-way type, Mylar ±5% 50V
①
Capacity value

Examples
① Capacity value

0.001μF (1000pF)...102	0.1μF...104
0.0018μF.....182	0.56μF...564
0.01μF.....103	1μF...105
0.015μF.....153	

5. ELECTRICAL PARTS LIST

REF. DESIG.	PART NO.	DESCRIPTION
		PA14-RELAY CIRCUIT BOARD
G001	4822 122 40305	Ceramic Cap. 0.01μF 400V
L003	4822 280 70219	Relay [N, W, A]
	4822 280 70331	Relay [E]
		PJ14-CONNECTOR CIRCUIT BOARD
JJ01	4822 266 30305	Terminal, 10P
JJ02	4822 266 30306	Terminal, 13P
CL33	4822 122 40306	Ceramic Cap. 0.047μF +80% −20%
CL35	4822 122 40617	Ceramic Cap. 0.1μF +80% −20%
CL37	4822 122 40617	Ceramic Cap. 0.1μF +80% −20%
		PL04-VIDEO AMP CIRCUIT BOARD
		PL04-CAPACITOR
CL04	4822 122 40297	Ceramic 2pF ±0.25pF
CL07	4822 122 40297	Ceramic 2pF ±0.25pF
CL10	4822 122 40297	Ceramic 2pF ±0.25pF
		PL04-SEMICONDUCTORS
DL01	4822 130 33305	Diode 1SS133, etc.
DL02	4822 130 33305	Diode 1SS133, etc.
DL03	4822 130 33305	Diode 1SS133, etc.
DL04	4822 130 33305	Diode 1SS133, etc.
DL05	4822 130 33305	Diode 1SS133, etc.
DL06	4822 130 33305	Diode 1SS133, etc.
DL07	4822 130 33305	Diode 1SS133, etc.
DL09	4822 130 33305	Diode 1SS133, etc.
DL10	4822 130 33305	Diode 1SS133, etc.
QL01	4822 209 83067	IC LC4066B
QL02	4822 209 83067	IC LC4066B
QL03	4822 209 83832	IC LC4001B
QL04	4822 209 71781	IC TC9135P
QL05 ~ QL08	4822 130 42298	Transistor 2SC536SP(F, G), etc.
QL09 ~ QL12	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QL13 ~ QL22	4822 130 42298	Transistor 2SC536SP(F, G), etc.
QL23	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QL24	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QL25	4822 130 42715	Transistor 2SA608SP(F, G), etc.
		PL14-PIN JACK/SW. CIRCUIT BOARD
		PL14-SEMICONDUCTORS
QL26	4822 130 42298	Transistor 2SC536SP(F, G), etc.
QL27	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QL28	4822 130 42298	Transistor 2SC536SP(F, G), etc.
		PL14-MISCELLANEOUS
JL01	4822 266 30301	Terminal, 2P; RCA
JL02	4822 266 30302	Terminal, 3P; RCA
JL03	4822 266 30304	Terminal, 6P; RCA
JL04	4822 266 30236	Terminal, 2P; RCA
SL01	4822 277 21146	Slide Switch
SL02	4822 277 21146	Slide Switch
SL03	4822 277 21146	Slide Switch
SL04	4822 277 21146	Slide Switch

REF. DESIG.	PART NO.	DESCRIPTION
		PL24-R.G.B. CONNECTOR CIRCUIT BOARD
QL29	4822 130 42298	Transistor 2SC536SP(F, G), etc.
JL20	4822 266 30307	Terminal, 21P; RGB
JL21	4822 266 30307	Terminal, 21P; RGB
		PS04-SELECTOR CIRCUIT BOARD
		PS04-CAPACITORS
CS50	4822 122 32486	Ceramic 0.01μF +80% −20%
CS51	4822 122 32486	Ceramic 0.01μF +80% −20%
CS52	4822 122 40306	Ceramic 0.047μF +80% −20%
		PS04-RESISTORS
GE01	4822 111 91398	100KΩx7 Composite
GE02	4822 111 91398	100KΩx7 Composite
GS01	4822 111 91401	22KΩx5 Composite
GS02	4822 111 91401	22KΩx5 Composite
GS05	4822 111 91513	100KΩx8 Composite
GS06	4822 111 91513	100KΩx8 Composite
⚠RS54	4822 116 60337	150Ω ±5% 1W
⚠RS55	4822 116 52849	220Ω ±5% ½W
⚠RS71	4822 116 52849	220Ω ±5% ½W
⚠R417	4822 116 52849	220Ω ±5% ½W
⚠R418	4822 116 52849	220Ω ±5% ½W
		PS04-SEMICONDUCTORS
DS01	4822 130 80318	Zener RD6.8J
DS02	4822 130 80318	Zener RD6.8J
DS03	4822 130 80317	Zener RD5.1J
DS06	4822 130 33305	Diode 1SS133
DS07	4822 130 33305	Diode 1SS133
DS57	4822 130 80932	Zener RD6.2J
QE01	4822 209 71783	IC LC7522
QE02	4822 209 83338	IC BA3812L
QE03	4822 209 83338	IC BA3812L
QE04	4822 209 83338	IC BA3812L
QG01	4822 209 71784	IC LC7535
QG02	4822 209 71784	IC LC7535
QG04	4822 209 83631	IC NJM4558D-D
QG05	4822 209 83631	IC NJM4558D-D
QG06	4822 209 83804	IC LC4966
QS01	4822 209 83315	IC LC7818
QS02	4822 209 83315	IC LC7818
QS03	4822 209 83804	IC LC4966
QS04	4822 209 83804	IC LC4966
QS05	4822 209 83804	IC LC4966
QS06	4822 209 71779	IC DT5C144E
QS07	4822 209 83594	IC MSM59371RS
QS08	4822 209 83836	IC μPD4025BC
QS09	4822 209 83631	IC NJM4558D-D
QS10	4822 209 83631	IC NJM4558D-D
QS11	4822 209 71779	IC DT5C144E
QS12	4822 209 71778	IC DT5A144E
QS13	4822 209 71779	IC DT5C144E
QS14	4822 209 71778	IC DT5A144E
QS15	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QS16	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QS17	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QS18	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QS20	4822 130 42298	Transistor 2SC536SP(F, G), etc.
Q401	4822 209 83631	IC NJM4558D-D
		PS04-MISCELLANEOUS
JS01	4822 265 30457	Terminal, 6P; RCA
JS02	4822 265 30457	Terminal, 6P; RCA

REF. DESIG.	PART NO.	DESCRIPTION
		PS34-REC SELECTOR CIRCUIT BOARD
RS91	4822 100 20614	Bariable Resistor 100KΩ(B)
SS71	4822 276 20458	Push Switch, Surround
SS72	4822 273 70114	Rotary Switch, Speaker
		PS44-SPEAKER SW. CIRCUIT BOARD
⚠RS83	4822 111 90724	Resistor 330Ω ±5% ½W
⚠RS84	4822 111 90724	Resistor 330Ω ±5% ½W
⚠RS85	4822 111 90724	Resistor 330Ω ±5% ½W
JS81	4822 267 30834	Jack, Headphone
JS82	4822 267 30834	Jack, Headphone
SS81	4822 276 20459	Push Switch, Speaker
		PS84-FUNCTION-1 CIRCUIT BOARD
GS04	4822 111 91401	Resistor Composite 22KΩx5
DS19 ~ DS28	4822 130 33305	Diode 1SS133, etc.
QS24	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QS25	4822 130 42298	Transistor 2SC536SP(F, G), etc.
		PT04-SPEAKER TERMINAL CIRCUIT BOARD
C741 ~ [N]	4822 122 32486	Ceramic Cap. 0.01μF +80% −20%
C745 ~ C747	4822 122 32486	Ceramic Cap. 0.01μF +80% −20% [N]
C748	4822 122 32486	Ceramic Cap. 0.01μF +80% −20% [N]
JW01	4822 267 20233	Terminal, 8P; Speaker
JW02	4822 266 30308	Terminal, 4P; Speaker
		PU04-U-COM FL DRIVER CIRCUIT BOARD
		PU04-CAPACITORS
CU03	4822 122 32917	Ceramic 33pF ±5%
CU04	4822 122 32143	Ceramic 22pF ±5%
CU12	4822 122 40491	Ceramic 0.022μF +80% −20%
CU20	4822 122 40306	Ceramic 0.047μF +80% −20%
CU21	4822 122 40306	Ceramic 0.047μF +80% −20%
CU22	4822 122 40306	Ceramic 0.047μF +80% −20%
CU23	4822 122 40306	Ceramic 0.047μF +80% −20%
		PU04-RESISTORS
GC01	4822 111 91393	1000Px8 C.R. Composite
GM01	4822 111 91397	100KΩx13 Composite
GM02	4822 111 91398	100KΩx7 Composite
GU01	4822 111 91398	100KΩx7 Composite

REF. DESIG.	PART NO.
DM11 ~ DM17	4822 130 33305
DM19 ~ DM25	4822 130 33305
DM30	4822 130 33305
DM31	4822 130 33305
DU01	4822 130 33305
DU02	4822 130 33305
DU03	4822 130 33305
DU05	4822 130 80319
DU06 ~ DU12	4822 130 33305
DU15 ~ DU18	4822 130 33305
DU19	4822 130 80132
QM01	4822 209 71782
QM02	4822 209 80401
QM03	4822 209 80401
QM04	4822 209 80401
QM05	4822 209 80401
QM07 ~ QM14	4822 130 42298
QN01	4822 280 10191
QU01	4822 209 71787
QU02	4822 130 42298
QU03	4822 130 42715
QU06	4822 130 42298
QU07	4822 130 42715
QU08	4822 130 42298
QU09	4822 130 42715
JU01	4822 265 10105
JU02	4822 265 10064
JU03	4822 265 10059
JU04	4822 265 10064
JU05	4822 265 10105
JU06	4822 265 10063
JU07	4822 265 10061
JU08	4822 265 10063
JU09	4822 265 10105
JU10	4822 265 10105
JU13	4822 265 10105
XU01	4822 242 71775
XU02	4822 242 72194
DM08	4822 130 80326
DM09	4822 130 80326
DM10	4822 130 80326
DU21	4822 130 80316
QM15	4822 130 43299
QU05	4822 130 42715
QU20	4822 130 10009

IPTION
INECTOR
) 6SP(F, G), etc.
3B 3B
)
RS F +80% –20% F +80% –20% F +80% –20%
;
Composite Composite Composite Composite Composite Composite
1W ½W ½W ½W ½W
UCTORS .8J .8J .1J 133 133 .2J
522 812L 812L 812L
535 535 4558D-D 4558D-D 966
818 818 966 966 966 C144E 159371RS 4025BC 4558D-D 4558D-D
C144E A144E C144E A144E 608SP(F, G), etc. 608SP(F, G), etc. 608SP(F, G), etc. 608SP(F, G), etc. 536SP(F, G), etc.
4558D-D
NEOUS \ \

REF. DESIG.	PART NO.	DESCRIPTION
		PS34-REC SELECTOR CIRCUIT BOARD
RS91	4822 100 20614	Bariable Resistor 100KΩ(B)
SS71	4822 276 20458	Push Switch, Surround
SS72	4822 273 70114	Rotary Switch, Speaker
		PS44-SPEAKER SW. CIRCUIT BOARD
⚠RS83	4822 111 90724	Resistor 330Ω ±5% ½W
⚠RS84	4822 111 90724	Resistor 330Ω ±5% ½W
⚠RS85	4822 111 90724	Resistor 330Ω ±5% ½W
JS81	4822 267 30834	Jack, Headphone
JS82	4822 267 30834	Jack, Headphone
SS81	4822 276 20459	Push Switch, Speaker
		PS84-FUNCTION-1 CIRCUIT BOARD
GS04	4822 111 91401	Resistor Composite 22KΩx5
DS19 ~ DS28	4822 130 33305	Diode 1SS133, etc.
QS24	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QS25	4822 130 42298	Transistor 2SC536SP(F, G), etc.
		PT04-SPEAKER TERMINAL CIRCUIT BOARD
C741 ~ C745	4822 122 32486	Ceramic Cap. 0.01μF +80% –20% [N]
C747	4822 122 32486	Ceramic Cap. 0.01μF +80% –20% [N]
C748	4822 122 32486	Ceramic Cap. 0.01μF +80% –20% [N]
JW01	4822 267 20233	Terminal, 8P; Speaker
JW02	4822 266 30308	Terminal, 4P; Speaker
		PU04-U-COM FL DRIVER CIRCUIT BOARD
		PU04-CAPACITORS
CU03	4822 122 32917	Ceramic 33pF ±5%
CU04	4822 122 32143	Ceramic 22pF ±5%
CU12	4822 122 40491	Ceramic 0.022μF +80% –20%
CU20	4822 122 40306	Ceramic 0.047μF +80% –20%
CU21	4822 122 40306	Ceramic 0.047μF +80% –20%
CU22	4822 122 40306	Ceramic 0.047μF +80% –20%
CU23	4822 122 40306	Ceramic 0.047μF +80% –20%
		PU04-RESISTORS
GC01	4822 111 91393	1000Px8 C.R. Composite
GM01	4822 111 91397	100KΩx13 Composite
GM02	4822 111 91398	100KΩx7 Composite
GU01	4822 111 91398	100KΩx7 Composite

REF. DESIG.	PART NO.	DESCRIPTION
		PU04-SEMICONDUCTORS
DM11 ~ DM17	4822 130 33305	Diode 1SS133, etc.
DM19 ~ DM25	4822 130 33305	Diode 1SS133, etc.
DM30	4822 130 33305	Diode 1SS133, etc.
DM31	4822 130 33305	Diode 1SS133, etc.
DU01	4822 130 33305	Diode 1SS133, etc.
DU02	4822 130 33305	Diode 1SS133, etc.
DU03	4822 130 33305	Diode 1SS133, etc.
DU05	4822 130 80319	Zener RD9.1JB2
DU06 ~ DU12	4822 130 33305	Diode 1SS133, etc.
DU15 ~ DU18	4822 130 33305	Diode 1SS133, etc.
DU19	4822 130 80132	Zener RD3.9J
QM01	4822 209 71782	IC LC7565
QM02	4822 209 80401	IC NJM4558D-D
QM03	4822 209 80401	IC NJM4558D-D
QM04	4822 209 80401	IC NJM4558D-D
QM05	4822 209 80401	IC NJM4558D-D
QM07 ~ QM14	4822 130 42298	Transistor 2SC536SP(F, G), etc.
QN01	4822 280 10191	Elect Buzzer
QU01	4822 209 71787	Microprocessor μPD75208
QU02	4822 130 42298	Transistor 2SC536SP(F, G)
QU03	4822 130 42715	Transistor 2SA608SP(F, G)
QU06	4822 130 42298	Transistor 2SC536SP(F, G)
QU07	4822 130 42715	Transistor 2SA608SP(F, G)
QU08	4822 130 42298	Transistor 2SC536SP(F, G)
QU09	4822 130 42715	Transistor 2SA608SP(F, G)
		PU04-MISCELLANEOUS
JU01	4822 265 10105	Jack, 4P
JU02	4822 265 10064	Jack, 6P
JU03	4822 265 10059	Jack, 7P
JU04	4822 265 10064	Jack, 6P
JU05	4822 265 10105	Jack, 4P
JU06	4822 265 10063	Jack, 6P
JU07	4822 265 10061	Jack, 5P
JU08	4822 265 10063	Jack, 6P
JU09	4822 265 10105	Jack, 4P
JU10	4822 265 10105	Jack, 4P
JU13	4822 265 10105	Jack, 4P
XU01	4822 242 71775	Crystal 32.768KHz
XU02	4822 242 72194	Ceramic Bibrator 4.19MHz
		PU14-F.I.P. CIRCUIT BOARD
		PU14-SEMICONDUCTORS
DM08	4822 130 80326	L.E.D. LT3D8B
DM09	4822 130 80326	L.E.D. LT3D8B
DM10	4822 130 80326	L.E.D. LT3D8B
DU21	4822 130 80316	Zener MTZJ3.6A
QM15	4822 130 43299	Transistor 2SC2910(R, S)
QU05	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QU20	4822 130 10009	Photo Unit

REF. DESIG.	PART NO.	DESCRIPTION
		PU14-MISCELLANEOUS
SU06	4822 276 11656	Push Switch
SU07	4822 276 11656	Push Switch
VM01	4822 134 40853	Lamp 12V
VU01	4822 130 90435	Display Unit FIP18BMW24
WU01	4822 323 10159	Jumper Lead, 5P
WU02	4822 323 10117	Jumper Lead, 7P
WU04	4822 323 10169	Jumper Lead, 6P
WU07	4822 323 10183	Jumper Lead, 8P
WU08	4822 323 10183	Jumper Lead, 8P
WU10	4822 323 10159	Jumper Lead, 5P
WU11	4822 323 10159	Jumper Lead, 5P
WU12	4822 323 10111	Jumper Lead, 4P
		PU24-TACT SWITCH CIRCUIT BOARD
		PU24-SEMICONDUCTORS
DM01 ~ DM07	4822 130 80326	L.E.D. LT3D8B
		PU24-MISCELLANEOUS
SU03	4822 276 11559	Push Switch, Tact
SU08 ~ SU39	4822 276 11559	Push Switch, Tact
SU40	4822 276 11656	Push Switch, Tact REDLED
		PU34-TACT SWITCH CIRCUIT BOARD
SU01	4822 276 11559	Push Switch, Tact
SU02	4822 276 11559	Push Switch, Tact
SU04	4822 276 11559	Push Switch, Tact
SU05	4822 276 11559	Push Switch, Tact
		P604-DOLBY SURROUND CIRCUIT BOARD
		P604-CAPACITORS
C851	4822 122 32486	Ceramic 0.01μF +80% –20%
C852	4822 122 32486	Ceramic 0.01μF +80% –20%
C858	4822 122 40306	Ceramic 0.047μF +80% –20%
C859	4822 122 40306	Ceramic 0.047μF +80% –20%
		P604-RESISTORS
R630	4822 100 11372	47KΩ, Trimming
⚠R851	4822 116 60268	680Ω ±5% 2W
⚠R852	4822 111 90744	100Ω ±5% ¼W, Fusible
⚠R853	4822 116 60491	330Ω ±5% 3W
		P604-SEMICONDUCTORS
DS51 ~ DS56	4822 130 33305	Diode 1SS133, etc.
D601	4822 130 33305	Diode 1SS133, etc.
D602	4822 130 33305	Diode 1SS133, etc.
⚠D851	4822 130 32508	Diode DSF10C, etc.
⚠D852	4822 130 32508	Diode DSF10C, etc. [N, W, A]
⚠D853	4822 130 32508	Diode DSF10C, etc.
⚠D854	4822 130 32508	Diode DSF10C, etc. [N, W, A]
⚠D855	4822 130 32508	Diode DSF10C, etc.
⚠D856	4822 130 32508	Diode DSF10C, etc. [N, W, A]
⚠D857	4822 130 32508	Diode DSF10C, etc.
⚠D858	4822 130 32508	Diode DSF10C, etc. [N, W, A]
D859	4822 130 32508	Diode DSF10C, etc.
D860	4822 130 32508	Diode DSF10C, etc.

REF. DESIG.	PART NO.	DESCRIPTION
D861	4822 130 33948	Zener RD5.6J
D864	4822 130 33305	Diode 1SS133, etc.
D865	4822 130 33305	Diode 1SS133, etc.
D866	4822 130 80091	Zener RD12J
D867	4822 130 33305	Diode 1SS133, etc.
QF01	4822 209 83631	IC NJM4558D-D
QF02	4822 209 83631	IC NJM4558D-D
QF03	4822 209 83631	IC NJM4558D-D
QH01	4822 209 83631	IC NJM4558D-D
QH02	4822 209 83631	IC NJM4558D-D
QS51	4822 209 83804	IC LC4966
QS52	4822 209 83804	IC LC4966
QS53	4822 130 42715	Transistor 2SA608SP(F, G), etc.
QS54	4822 130 42298	Transistor 2SC536SP(F, G), etc.
Q601	4822 209 83631	IC NJM4558D-D
Q602	4822 209 83631	IC NJM4558D-D
Q603	4822 209 82826	IC TA7629P
Q604	4822 209 71777	IC MN3007
Q605	4822 209 81763	IC MN3101
Q852	4822 130 43299	Transistor 2SC2910(R, S)
Q853	4822 130 42298	Transistor 2SC536SP(F, G), etc.
Q854	4822 130 42715	Transistor 2SA608SP(F, G), etc.
		P704-POWER AMP DRIVER CIRCUIT BOARD
		P704-CAPACITORS
CN04 ~ CN06	4822 122 32486	Ceramic 0.01μF +80% –20%
C715	4822 124 41312	Elect 23μF 63V
C716	4822 124 41312	Elect 23μF 63V
C735	4822 124 41312	Elect 23μF 63V
		P704-RESISTORS
R711	4822 100 20524	4.7KΩ, Trimming
R712	4822 100 20524	4.7KΩ, Trimming
⚠R715	4822 116 60314	10Ω ±5% ¼W, Fusible
⚠R716	4822 116 60314	10Ω ±5% ¼W, Fusible
⚠R719	4822 116 60314	10Ω ±5% ¼W, Fusible
⚠R720	4822 116 60314	10Ω ±5% ¼W, Fusible
R731	4822 100 20524	4.7KΩ, Trimming
⚠R735	4822 116 60314	10Ω ±5% ¼W, Fusible
⚠R739	4822 116 60314	10Ω ±5% ¼W, Fusible
		P704-SEMICONDUCTORS
DN51	4822 130 33305	Diode 1SS133, etc.
DN52	4822 130 33305	Diode 1SS133, etc.
DN55	4822 130 33305	Diode 1SS133, etc.
QN51 ~ QN54	4822 130 43818	Transistor 2SC2878(A)
QN56	4822 130 43818	Transistor 2SC2878(A)
QN58	4822 130 43818	Transistor 2SC2878(A)
Q701	4822 209 83779	IC μPC1270H
Q702	4822 209 83779	IC μPC1270H
Q721	4822 209 83779	IC μPC1270H

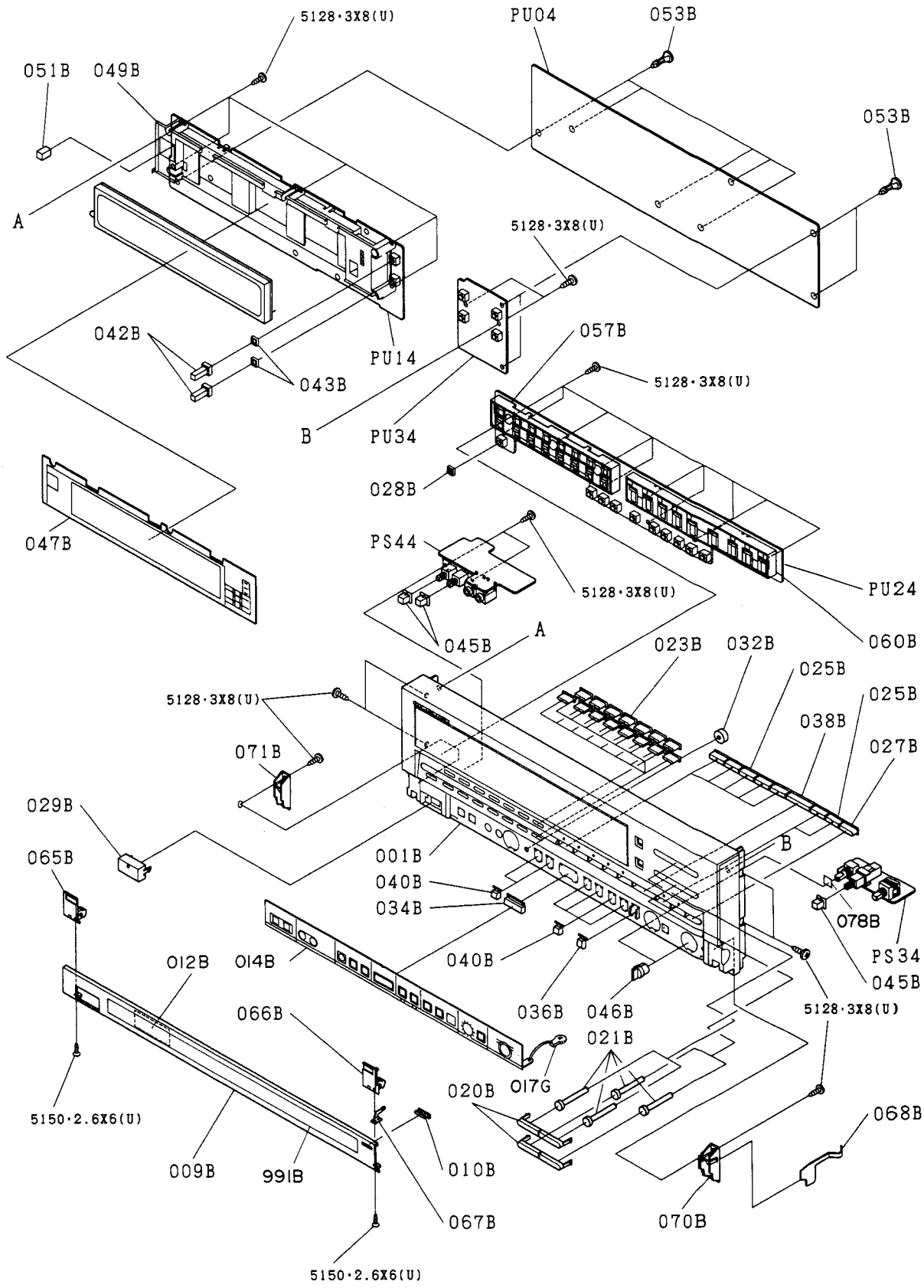
REF. DESIG.	PART NO.	DESCRIPTION
		P714-TRANSISTOR (L-CH) CIRCUIT BOARD
Q703	4822 130 60117	Transistor 2SC3419(Y)
		P724-TRANSISTOR (R-CH) CIRCUIT BOARD
Q704	4822 130 60117	Transistor 2SC3419(Y)
		P734-TRANSISTOR (DOLBY) CIRCUIT BOARD
Q723	4822 130 60117	Transistor 2SC3419(Y)
		P754-POWER AMP/SUPPLY CIRCUIT BOARD
		P754-CAPACITORS
C801	4822 124 21861	Elect 10000μF 50V
C802	4822 124 21861	Elect 10000μF 50V
⚠C807	4822 122 30043	Ceramic 0.01μF +80% −20%
		P754-RESISTORS
⚠RN07	4822 116 60314	10Ω ±5% ¼W, Fusible
⚠R751	4822 116 52332	10Ω ±5% ½W
⚠R752	4822 116 52332	10Ω ±5% ½W
⚠R753	4822 116 52332	10Ω ±5% ½W
⚠R754	4822 116 52332	10Ω ±5% ½W
⚠R755	4822 111 91402	0.1Ω×2 3W
⚠R756	4822 111 91402	0.1Ω×2 3W
⚠R757	4822 116 52858	4.7Ω ±5% ½W
⚠R758	4822 116 52858	4.7Ω ±5% ½W
⚠R759	4822 111 90726	10Ω ±5% 2W
⚠R760	4822 111 90726	10Ω ±5% 2W
⚠R771	4822 116 52332	10Ω ±5% ½W
⚠R773	4822 116 52332	10Ω ±5% ½W
⚠R775	4822 111 91402	0.1Ω×2 3W
⚠R777	4822 116 52858	4.7Ω ±5% ½W
⚠R779	4822 111 90726	10Ω ±5% 2W
⚠R802	4822 111 20384	6.8Ω ±5% ½W, Fusible
⚠R803	4822 116 60346	2.2KΩ ±5% 1W
⚠R804	4822 116 60343	1.8KΩ ±5% 1W
		P754-SEMICONDUCTORS
⚠DN01	4822 130 32508	Diode DSF10C, etc.
DN03	4822 130 33305	Diode 1SS133, etc.
DN04	4822 130 33305	Diode 1SS133, etc.
DN05	4822 130 33305	Diode 1SS133, etc.
DN07	4822 130 33305	Diode 1SS133, etc.
⚠D751	4822 130 32508	Diode DSF10C, etc.
⚠D752	4822 130 32508	Diode DSF10C, etc.
⚠D753	4822 130 32508	Diode DSF10C, etc.
⚠D754	4822 130 32508	Diode DSF10C, etc.
⚠D771	4822 130 32508	Diode DSF10C, etc.
⚠D773	4822 130 32508	Diode DSF10C, etc.
⚠D801	4822 130 33074	Diode 30DF-2
⚠D802	4822 130 33074	Diode 30DF-2
⚠D803	4822 130 33074	Diode 30DF-2
⚠D804	4822 130 33074	Diode 30DF-2
D805	4822 130 33305	Diode 1SS133, etc.
D806	4822 130 33305	Diode 1SS133, etc.
D807	4822 130 80498	Zener RD16J
D808	4822 130 80498	Zener RD16J

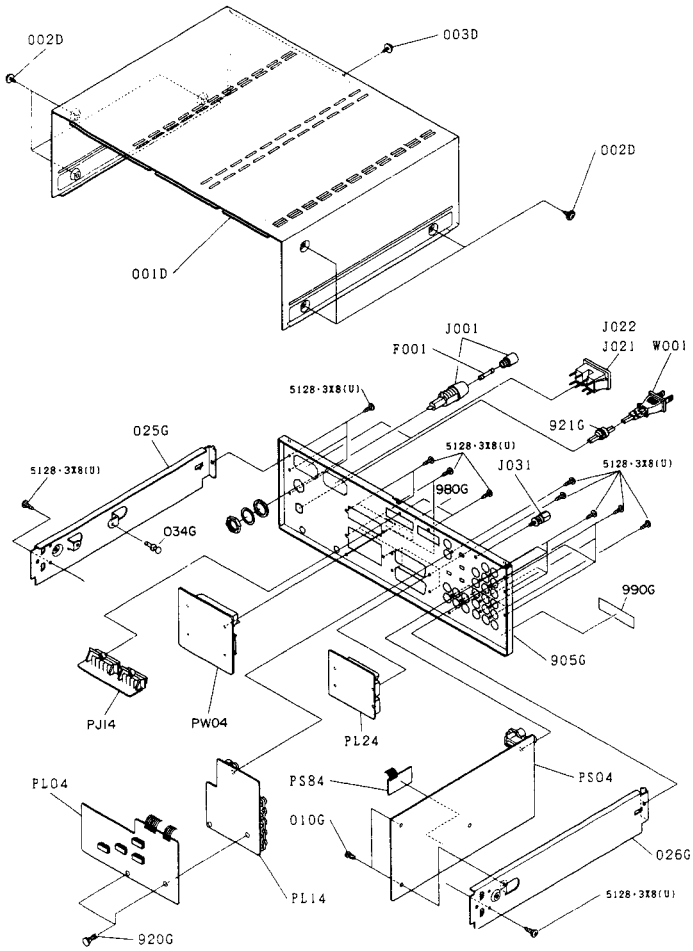
REF. DESIG.	PART NO.	DESCRIPTION
QN01	4822 130 42715	Transistor 2SA608SP(F, G)
QN02	4822 130 42052	Transistor 2SC2785(FF, EF)
QN03	4822 130 42298	Transistor 2SC2458, etc.
QN04	4822 130 42298	Transistor 2SC2458, etc.
QN05	4822 130 42591	Transistor 2SA1175(FF, EF)
QN07	4822 130 42052	Transistor 2SC2785(FF, EF)
QN08	4822 130 42052	Transistor 2SC2785(FF, EF)
QN09	4822 130 42052	Transistor 2SC2785(FF, EF)
Q751	4822 130 60698	Transistor 2SD1714(S, P)
Q752	4822 130 60698	Transistor 2SD1714(S, P)
Q753	4822 130 60695	Transistor 2SB1159(S, P)
Q754	4822 130 60695	Transistor 2SB1159(S, P)
Q771	4822 130 60698	Transistor 2SD1714(S, P)
Q773	4822 130 60695	Transistor 2SB1159(S, P)
⚠Q801	4822 130 42073	Transistor 2SD1265(O,P)[N,W,A]
	4822 130 61364	Transistor 2SD1913(Q,R)[E]
⚠Q802	4822 130 43023	Transistor 2SA1306(O,Y)[N,W,A]
	4822 130 61359	Transistor 2SB1274(Q,R)[E]
		P754-MISCELLANEOUS
L751	4822 157 51739	Coil, 1μH
L752	4822 157 51739	Coil, 1μH
L771	4822 157 51739	Coil, 1μH
		P801-REGULATOR CIRCUIT BOARD
⚠Q803	4822 209 83821	IC NJM78M06FA
		P802-REGULATOR CIRCUIT BOARD
⚠Q804	4822 209 72332	IC NJM79M06FA

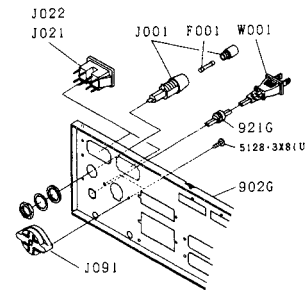
NOTE ON SAFETY:
Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol ⚠ . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

REF. DESIG.	PART NO.	DESCRIPTION
001B	4822 443 40758	Front Panel Assembly
009B	4822 454 11967	Escutcheon, Hinge
010B	4822 412 20998	Knob, Hinge
014B	4822 454 30391	Indicator Assembly
020B	4822 410 25819	Button, Volume
021B	4822 535 71094	Pin, Volume
023B	4822 410 25821	Button, EQ
025B	4822 410 25822	Button, Surround
027B	4822 410 25823	Button, Mode
028B	4822 532 51719	Bushing, Power Switch
029B	4822 410 25829	Button K, Power Switch
032B	4822 410 25825	Button, Timer
034B	4822 410 25826	Button, Timer Mode
036B	4822 410 25827	Button, Clear
038B	4822 410 25828	Button, EQ Flat
040B	4822 410 25782	Button, Tact
042B	4822 381 10895	Lens, Muting
043B	4822 532 51719	Bushing, Muting
045B	4822 410 25783	Button, Push
046B	4822 412 20997	Knob, Volume
051B	4822 466 61642	Spacer
065B	4822 417 10985	Hinge, Left
066B	4822 417 10986	Hinge, Right
067B	4822 278 80277	Contactor
068B	4822 278 80281	Contactor
070B	4822 526 50097	Click, Right
071B	4822 526 50096	Click, Left

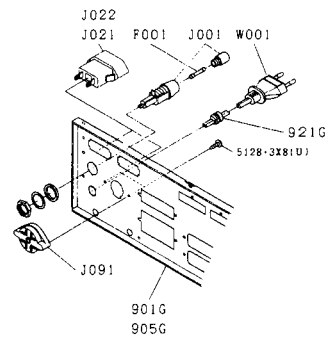
4. EXPLODED VIEW AND PARTS LIST







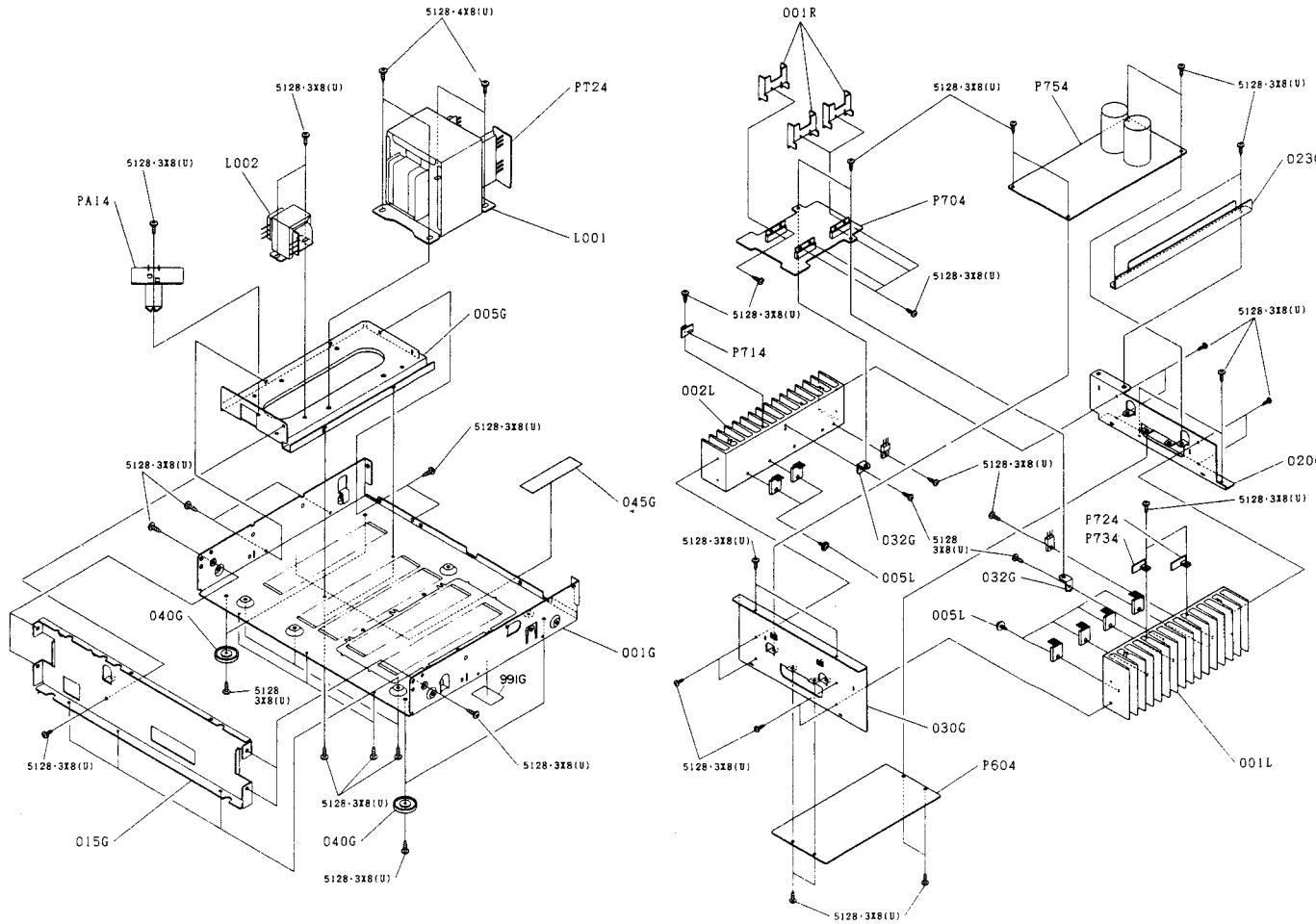
(E) TYPE



(N,W) TYPE

REF. DESIG.	PART NO.	DESCRIPTION
001D	4822 426 51233	Lid, Top Cover
002D	4822 502 12355	B.T. Screw B3 x 8
003D	4822 502 12355	B.T. Screw B3 x 8
⚠ F001	4822 253 30022	Fuse T1.25A 250V
⚠ J001	4822 256 30233	Jack, Fuse Holder
⚠ J021	4822 267 30597	Jack, AC Outlet [N, W, A]
	4822 265 10091	Jack, AC Outlet [E]
⚠ J022	4822 267 30597	Jack, AC Outlet [N, W, A]
	4822 265 10091	Jack, AC Outlet [E]
J031	4822 290 40297	Terminal, GND
⚠ J091	4822 272 10236	Voltage Selector [N, W, A]
	4822 272 10235	Voltage Selector [E]

REF. DESIG.	PART NO.	DESCRIPTION
001T	4822 736 20153	User Manual
Z004	4822 218 10203	Remocon Unit (RMC-73)
Z006	4822 138 10155	Battery, SUM-3
Z007	4822 321 22384	Connective Cord, 10P
Z008	4822 321 22385	Connective Cord, 13P
Z009	4822 253 30026	Fuse [E]
Z010	4822 265 10092	Jack, AC Adaptor [E]



REF. DESIG.	PART NO.	DESCRIPTION
040G	4822 462 41186	Leg

REF. DESIG.	PART NO.	DESCRIPTION
⚠L001	4822 148 60173	Power Transformer, Main [N,W,A]
	4822 148 60175	Power Transformer, Main [E]
⚠L002	4822 148 60166	Power Transformer, Sub [N,W,A]
	4822 148 60174	Power Transformer, Sub [E]