ORDER NO. MD9705043C1
A6

Service Manual

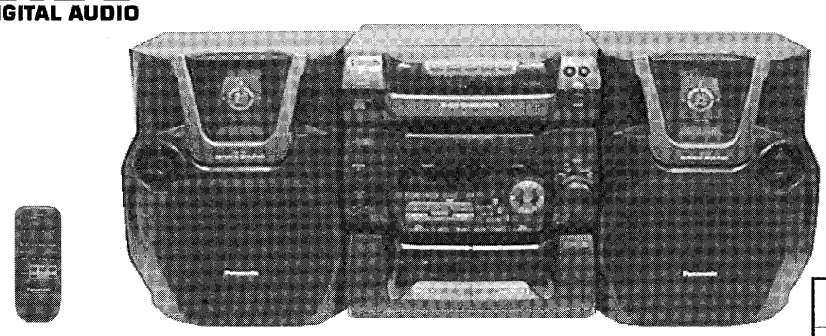
COMPACT disc DIGITAL AUDIO

MASH* multi-stage noise shaping

** DOLBY B NR

CD Stereo System

SA-AK40



Remote Control Transmitter | SB-AK40 | SA-AK40 | SB-AK40

Colour

(K) ... Black Type

Area

Suffix for Model No.	Area	Colour
(PC)	Canada	(K)

System	Music Center	Speaker
SC-AK40 (PC)	SA-AK40 (PC)	SB-AK40 (P)

* MASH is a trademark of NTT.

** Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

TAPE SECTION : AR2 MECHANISM SERIES
CD SECTION : RAE0150Z TRAVERSE DECK SERIES

■ Specifications

■ Amplifier Section

Rated minimum sine wave RMS/FTS power output	
50 Hz – 12 kHz both channels driven	
0.9% total hamonic distortion	2 x 60W (6 Ω)
1kHz continuous power output, both channels driven 0.9% total hamonic distortion	2 x 70W (6 Ω)
Total harmonic distortion half power at 1 kHz	0.10% (6 Ω)
Frequency response	
CD, AUX	60 Hz – 20 kHz(-3 dB)
Input sensitivity	
AUX	250 mV(57 mV, IHF '66)
Input impedance	
AUX	57 kΩ
Tone Controls	
6 EQ SPACE	HEAVY, CLEAR, SOFT, DISCO, LIVE, HALL
Load impedence	6 Ω

■ FM Tuner Section

Frequency range	87.5 – 108.0 MHz
Sensitivity	23.3 dBf(4.0μV, IHF '58)
Total harmonic distortion	
MONO	0.3 %
STEREO	0.5 %
S/N(MONO)	60 dB
Image rejection at 98.1 MHz	35 dB
Stereo separation at 1 kHz	35 dB
Antenna terminal(s)	75 Ω (unbalanced)

■ AM Tuner Section

Frequency range	520 – 1710 kHz
Sensitivity (For 500 mW)	250 μV/m

■ CD Section

Sampling frequency	44.1 kHz
Decoding	16 bit linear
Beam source/wave length	Semiconductor laser / 780 nm
Number of channels	Stereo
S/N ratio	
CD UNIT OUT	95 dB (JIS A)
SP OUT	87 dB (JIS A)
Wow and flutter	Unmeasurable
Digital filter	8 fs
D/A converter	MASH (1 bit DAC)

■ Cassette Deck Section

Track system	4 track, 2 channel
Heads	
Playback	Solid permalloy head(Rotary)
Record/Playback	Solid permalloy head(Rotary)
Erasure	Double gap ferrite head
Motor	DC servo motor
Recording system	AC bias 100 kHz
Erasing system	AC erase, 100 kHz
Tape speed	4.8 cm/s (1⅞ ips)
Frequency response	
NORMAL	35 Hz – 14 kHz
CrO_2	35 Hz – 14 kHz
S/N ratio (CrO_2 type tape)	
Dolby NR off	50 dB (A weighted)
Dolby NR on	60 dB (CCIR)
Wow and flutter	0.18 % (WRMS)
Fast forward and rewind times	Approx. 120 seconds with C-60 cassette tape

■ General

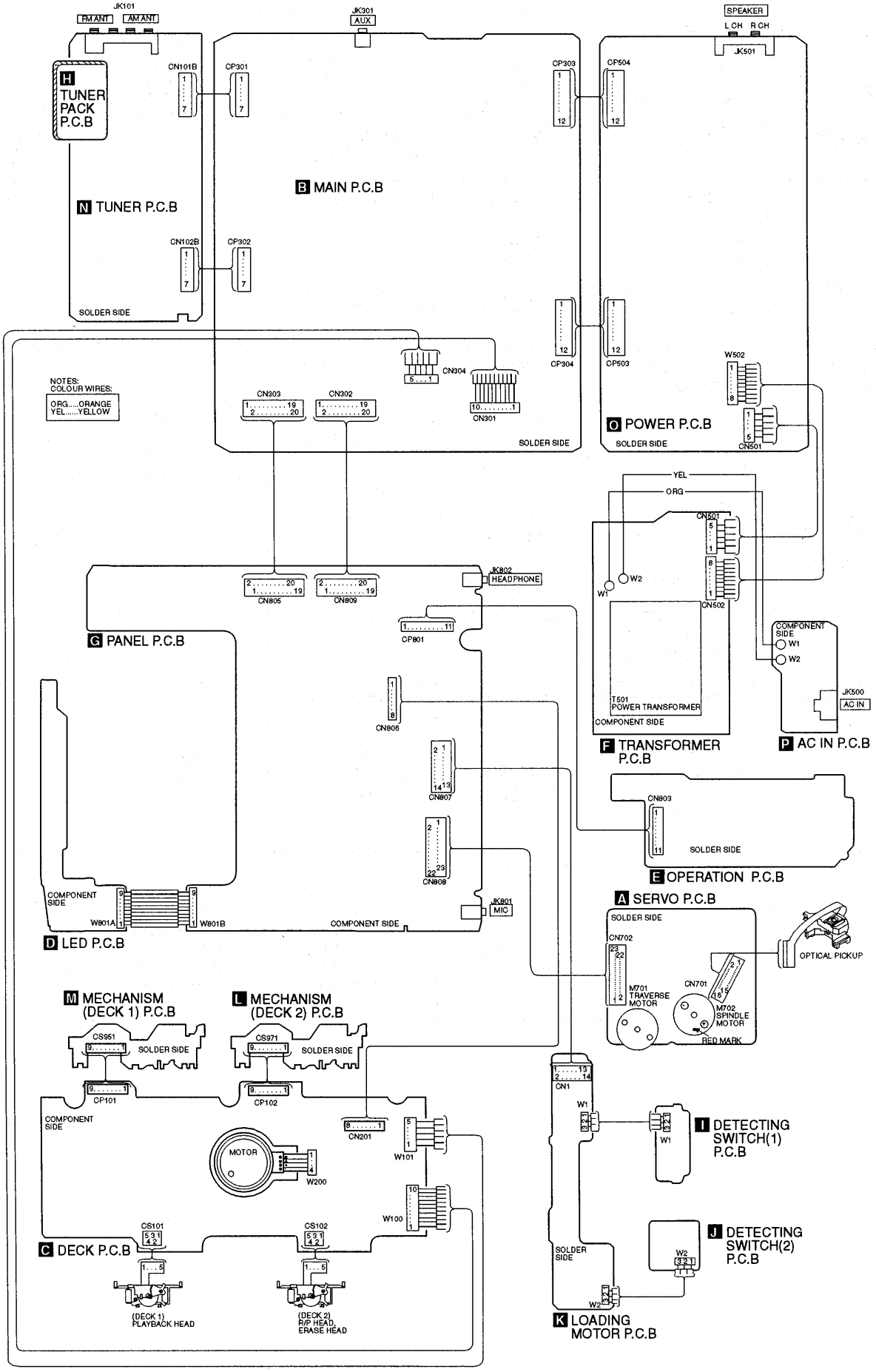
Power consumption	
System	110 W
Power OFF	9.1 W
Power supply	AC 120 V, 60 Hz
Dimensions (W x H x D)	270 x 330 x 339 mm (10⅝" x 13" x 13⅜")
Weight	7.3 kg (16.1lb.)

Notes :

1. Specifications are subject to change without notice. Weight and dimensions are approximate.
2. Total harmonic distortion is measured by the digital spectrum analyzer.

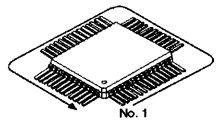
Panasonic®

■ Wiring Connection Diagram

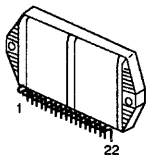


■ Terminal Guide of ICs, Transistors and Diodes

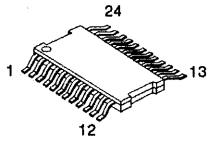
M38197MA194F(100P)
MN662741RPA(80P)



RSN308M24-P

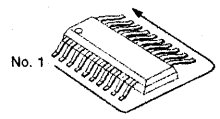


AN8389SE1

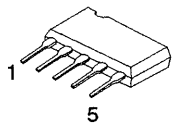


BA3835F-E2(18P)
AN8835SBE1(28P)
BU2040F-E2(16P)
BU2090F-E2(16P)
BU4052BCF-E2(16P)
M51167BFP-TB(36P)
BH3854AFS-E2(32P)

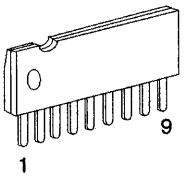
BA3838FE2(16P)
BU4066BCF-E2(14P)
CXA1102M-T2(16P)
LA1832MLSTEL(24P)
LC7218M-TE-L(24P)



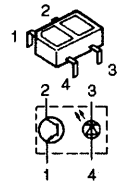
BA7755A



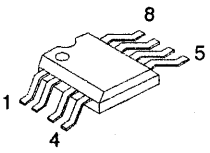
BA6418N



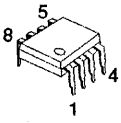
0N2180RLC



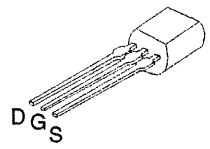
BA4558FE2



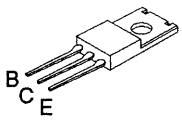
M5218AP



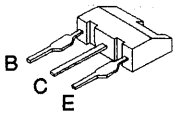
2SK301QTA



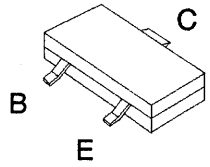
2SD2395E
2SB1566E



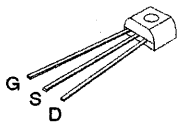
2SB1238Q
2SD1859QRTV2



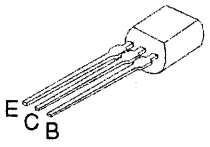
2SB709S



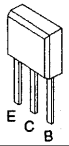
2SK544F-AC



2SC1684RTA
2SC2001KTA
2SB621RTA
2SD1302STA
2SD965RTA
KSD471ACYGTA

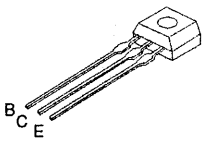


2SC2784FTA
BA1A4MTA
2SD1450STA

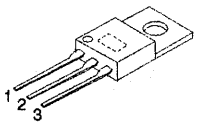


2SA933SSTA
RVTDTA143XST
2SC1740SLNET
RVTDTC144TST
2SC1740SSTA
RVTDTA114EST
RVTDTC144EST

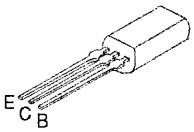
2SC2786MTA
2SC2785FTA
2SC2787LTA
2SC2787FL1TA
2SD1020HTA
BA1A4ZTA



AN78M05AB

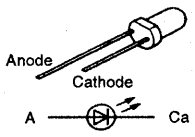


2SC3940AQSTA

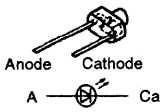


2SJ164QRTA

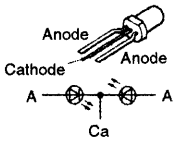
SLR325DCT31



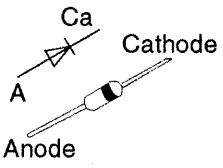
SLR-325MC



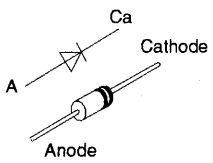
SPR505MDTT



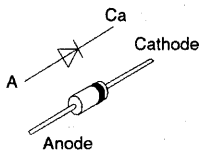
1SS254TA
1SS291TA
MA165TA



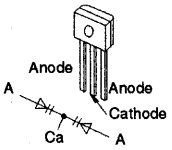
RK306LFU1



1D3E
1N5402BM21

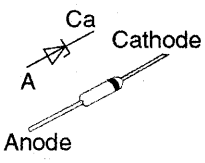


SVC211SPA-AL

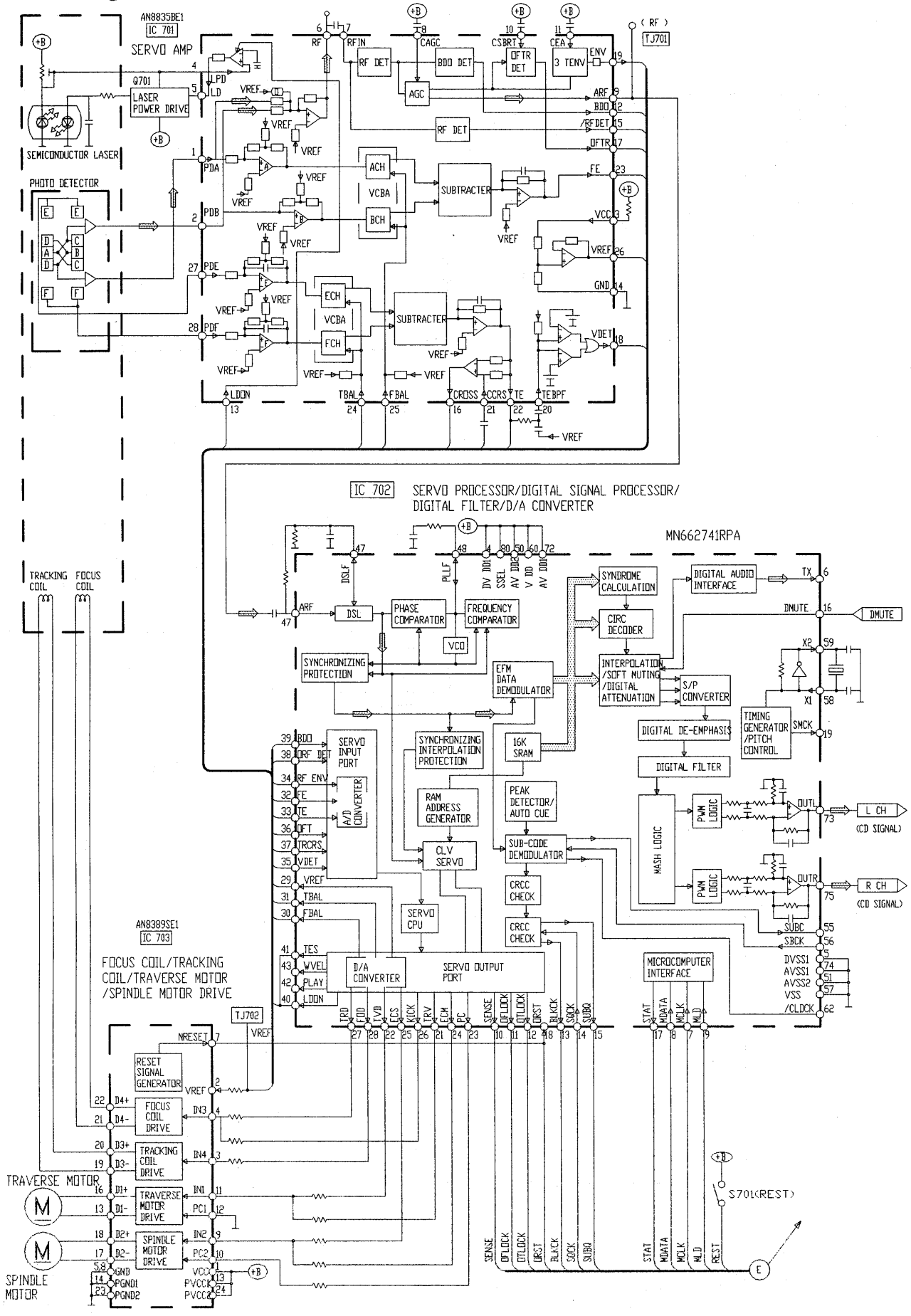


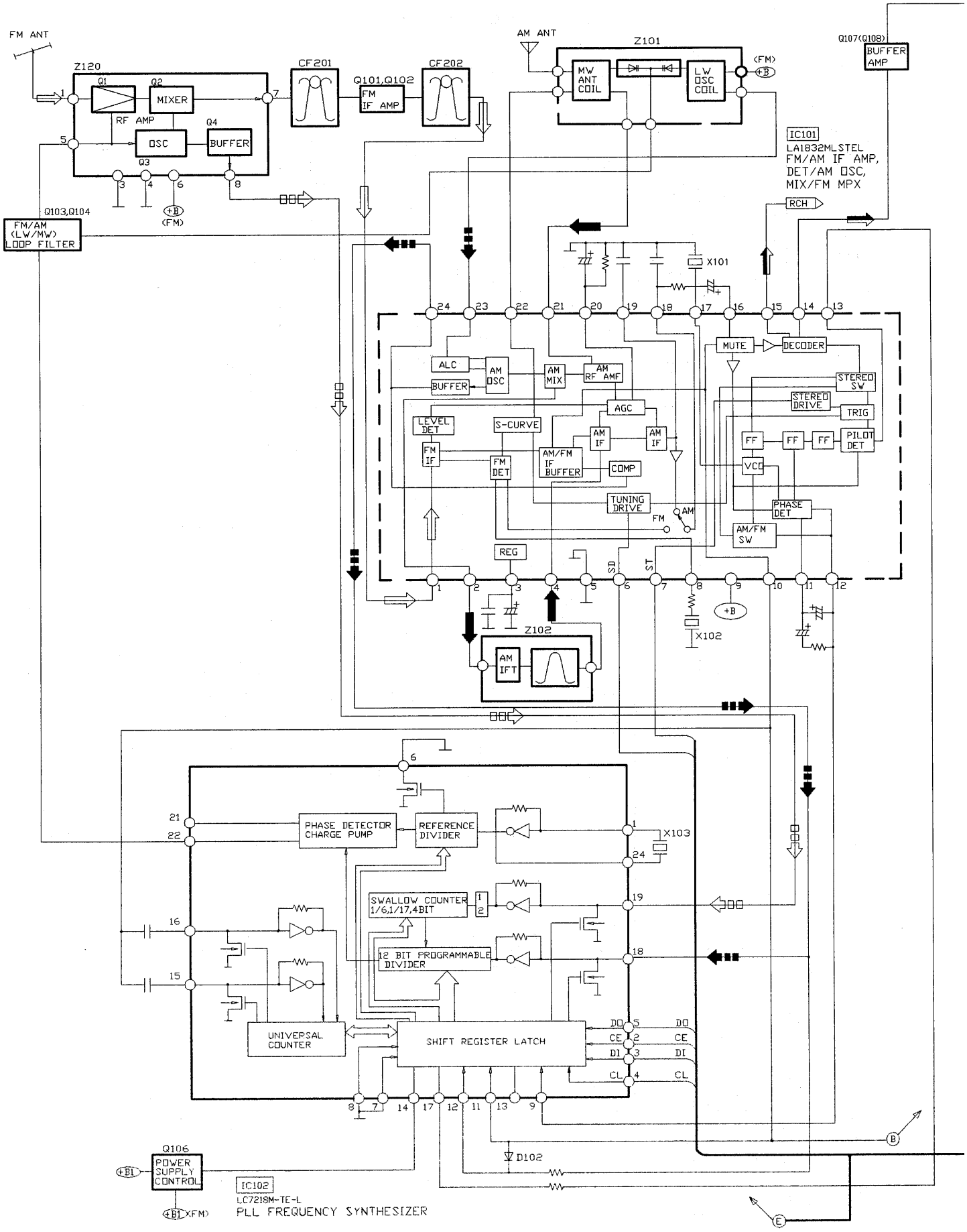
MTZJ11CTA
MTZJ24DTA
MTZJ3R6BTA
MTZJ4R7BTA
MTZJ5R1BTA
MTZJ36ATA

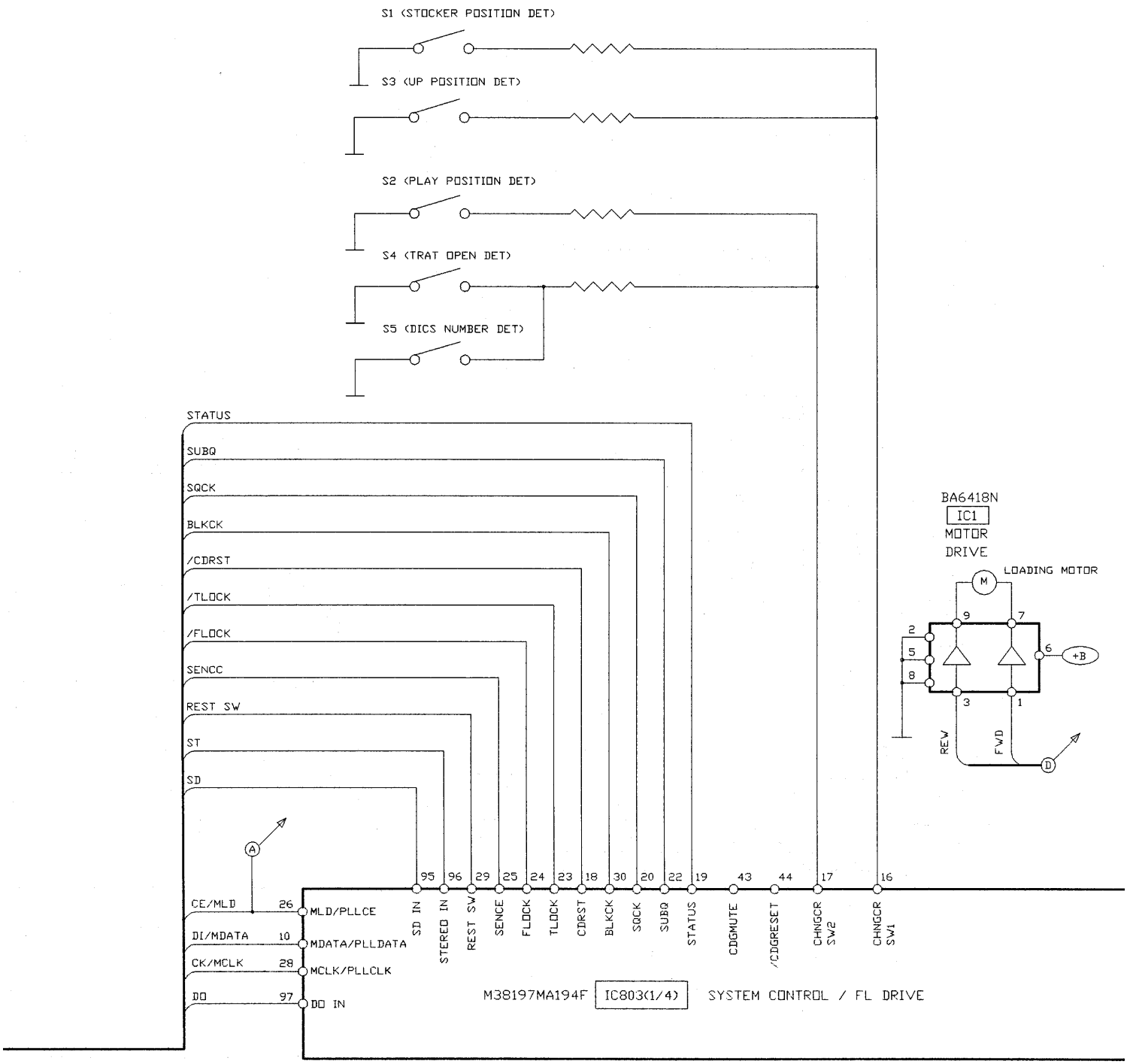
MTZJ16ATA
MTZJ5R1CTA
MTZJ5R6BTA
MTZJ6R8BTA
MTZJ8R2BTA
MTZJ9R1CTA

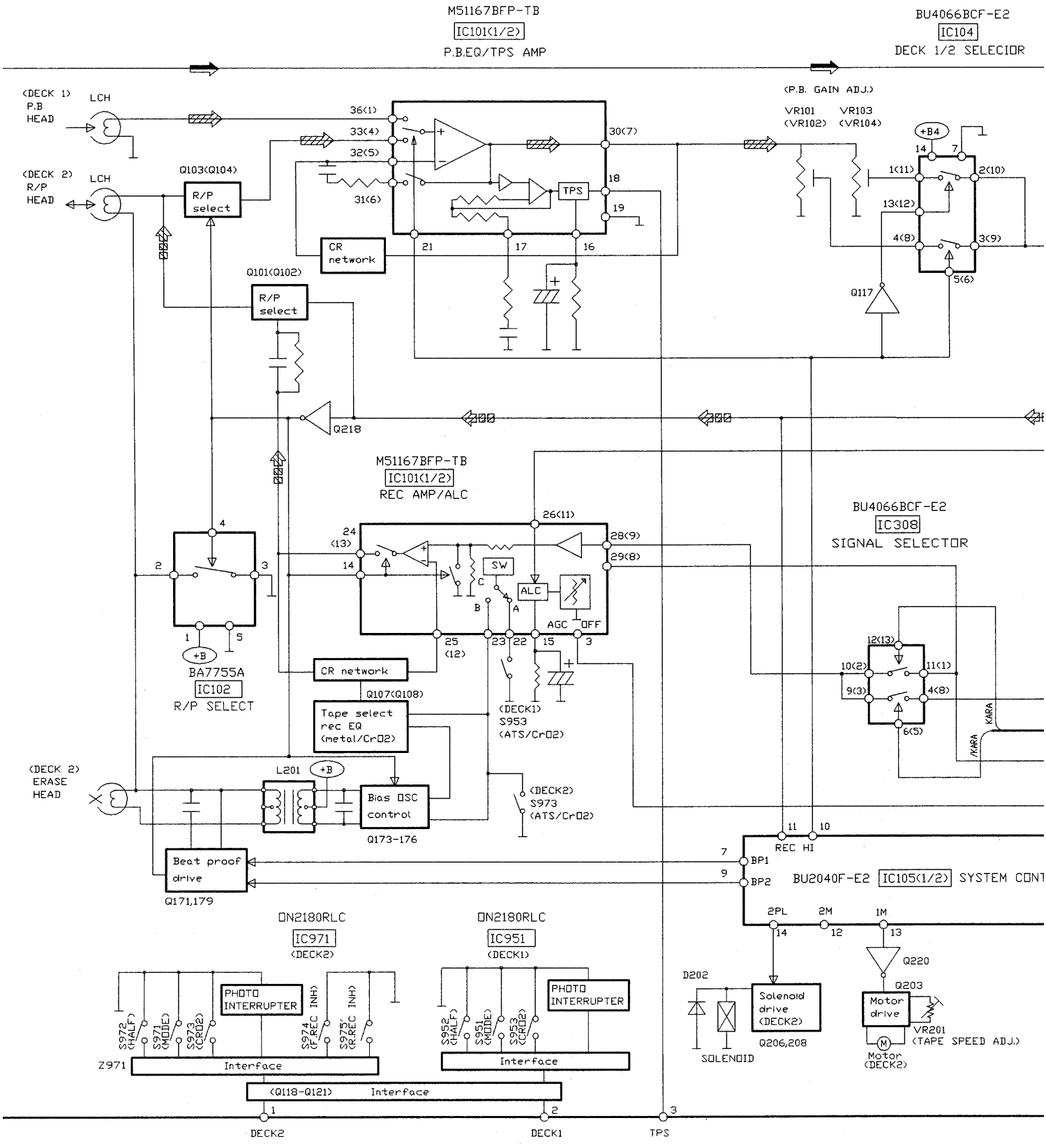


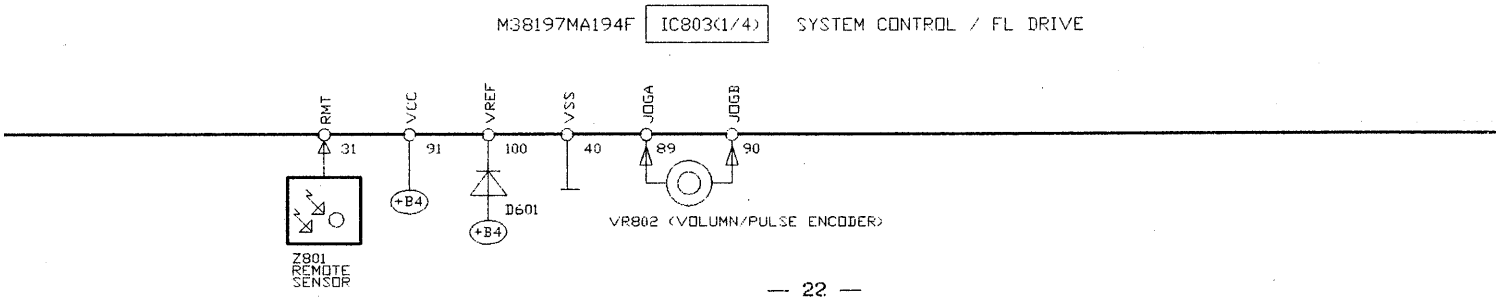
■ Block Diagram

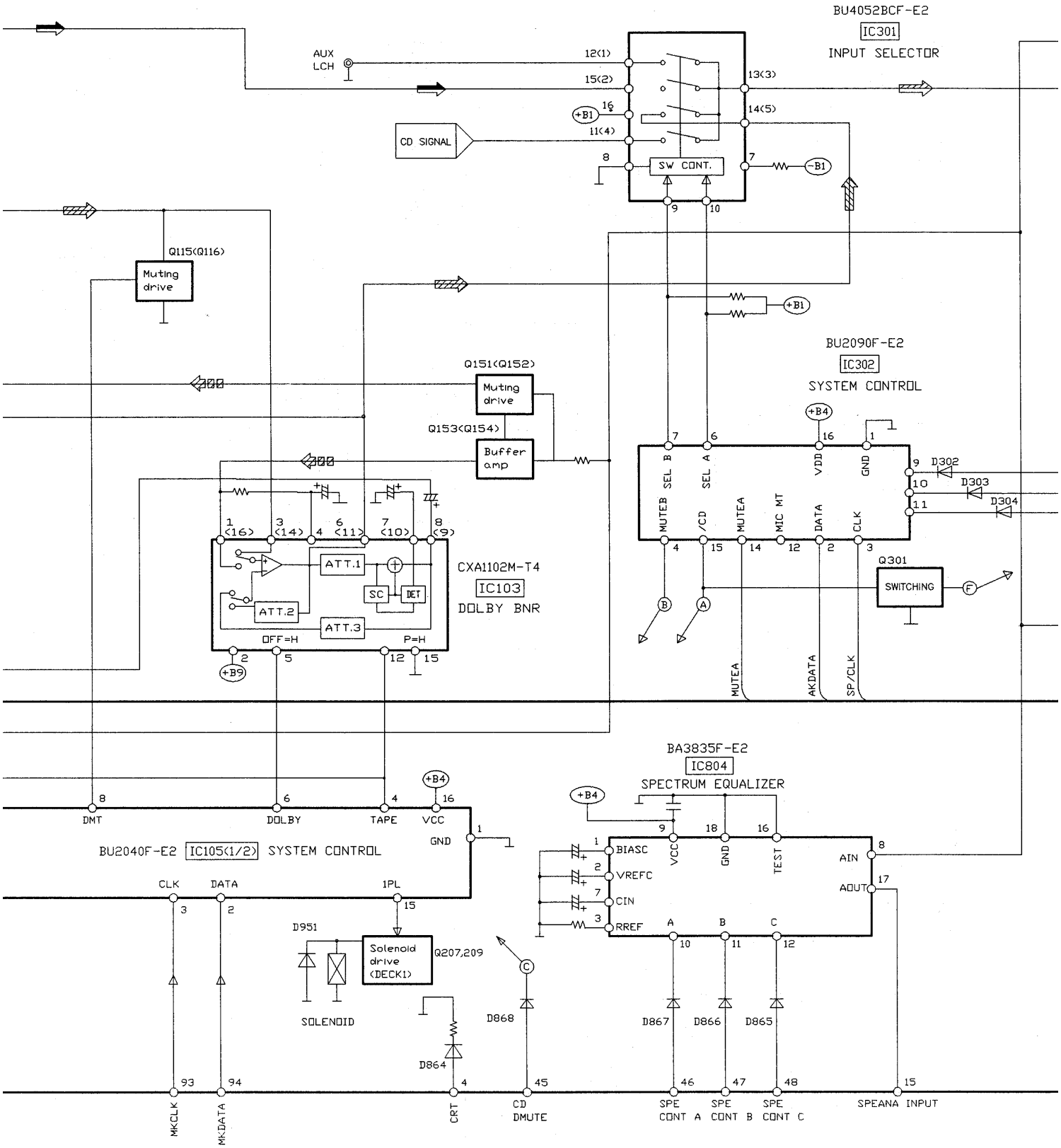


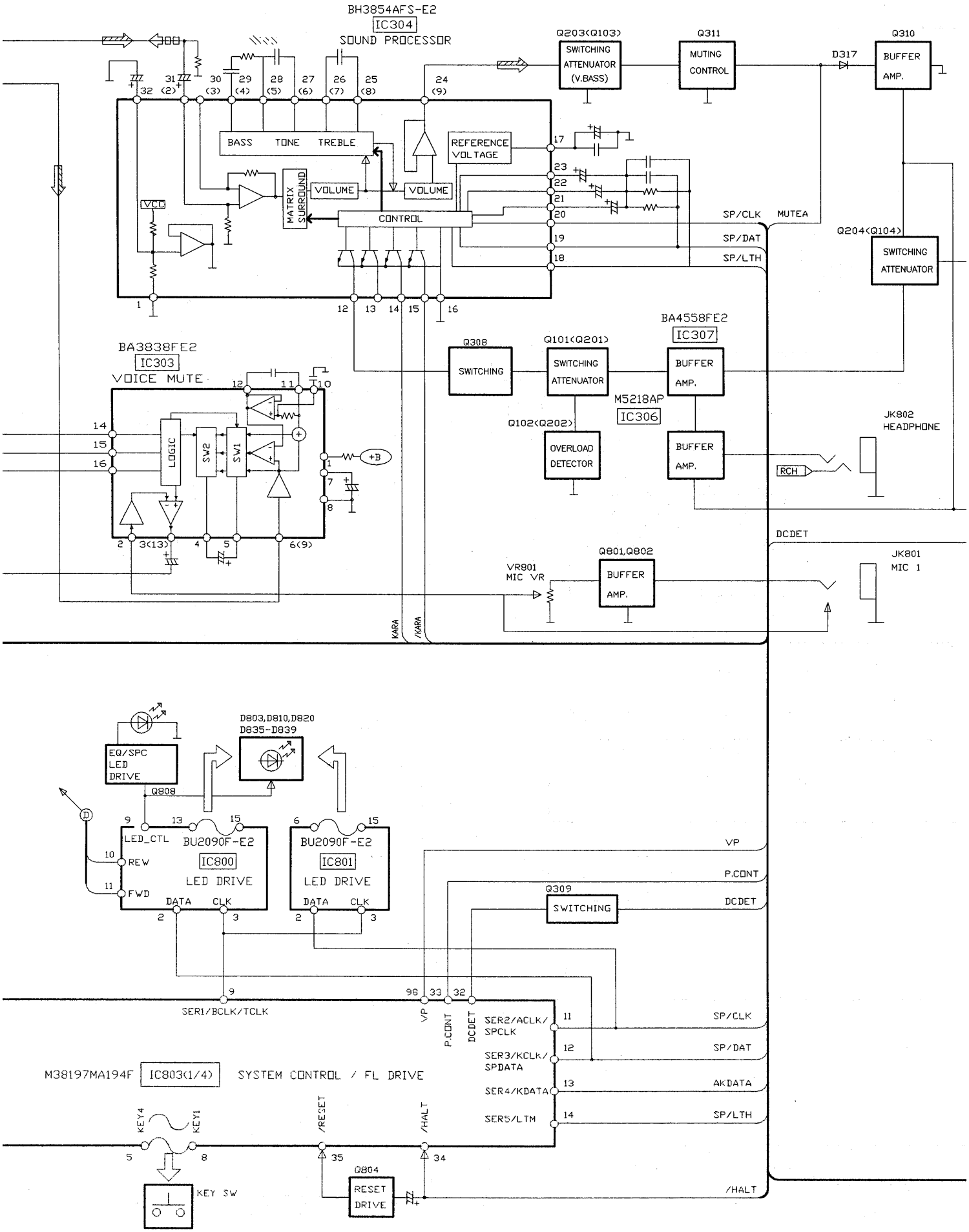

FM ANT
Z120
Q1
Q2
MIXER
RF AMP
Q4
OSC
BUFFER
Q3
CF201
Q101,Q102
FM IF AMP
CF202
AM ANT
Z101
MW ANT COIL
LW OSC COIL
(FM)
+B
Q107(Q108)
BUFFER AMP
IC101
LA1832ML,STEL
FM/AM IF AMP, DET/AM OSC, MIX/FM MPX
RCH
Q103,Q104
FM/AM (LW/MW) LOOP FILTER
X101
MUTE
DECODER
ALC
AM OSC
BUFFER
AM MIX
AM RF AMP
STEREO SW
STEREO DRIVE
TRIG
AGC
LEVEL DET
S-CURVE
AM IF
FM IF
FM DET
AM/FM IF BUFFER
COMP
FF
PILOT DET
VCO
TUNING DRIVE
PHASE DET
AM/FM SW
REG
Z102
AM IFT
X102
PHASE DETECTOR CHARGE PUMP
REFERENCE DIVIDER
X103
SWALLOW COUNTER 1/6,1/17,4BIT
12 BIT PROGRAMMABLE DIVIDER
UNIVERSAL COUNTER
SHIFT REGISTER LATCH
DO
CE
DI
CL
Q106
POWER SUPPLY CONTROL
+B1
+B1 X(FM)
D102
IC102
LC7218M-TE-L
PLL FREQUENCY SYNTHESIZER

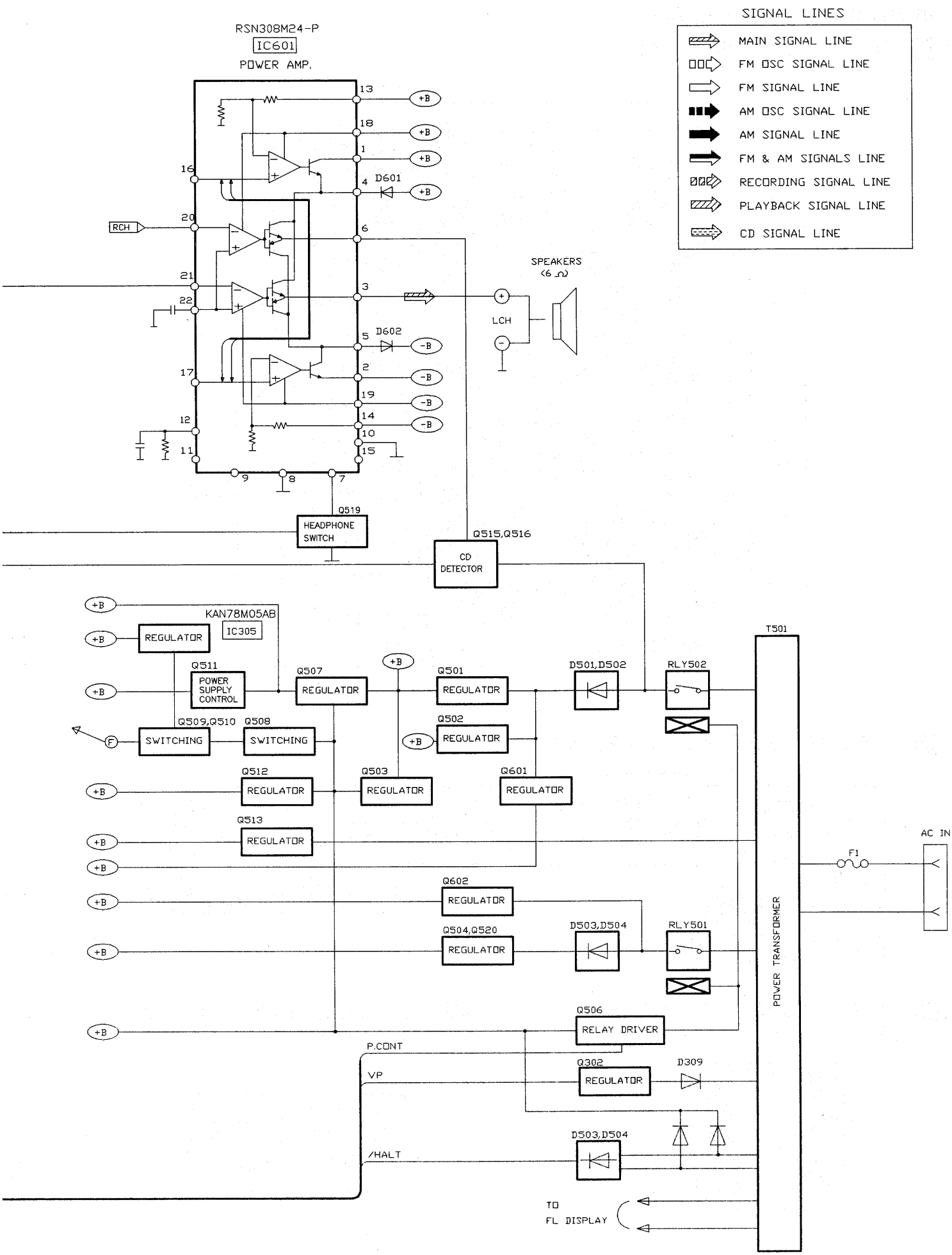

S1 (STOCKER POSITION DET)
S3 (UP POSITION DET)
S2 (PLAY POSITION DET)
S4 (TRAT OPEN DET)
S5 (DICS NUMBER DET)
STATUS
SUBQ
SQCK
BLKCK
/CDRST
/TLOCK
/FLOCK
SENCC
REST SW
ST
SD
BA6418N
IC1
MOTOR
DRIVE
LOADING MOTOR
M
+B
REV
FWD
D
A
CE/MLD 26 MLD/PLLCE
DI/MDATA 10 MDATA/PLLDATA
CK/MCLK 28 MCLK/PLLCLK
DO 97 DO IN
95 SD IN
96 STEREO IN
29 REST SW
25 SENCE
24 FLOCK
23 TLOCK
18 CDRST
30 BLKCK
20 SQCK
22 SUBQ
19 STATUS
43 CDGMUTE
44 /CDGRESET
17 CHNGCR SW2
16 CHNGCR SW1
M38197MA194F
IC803(1/4)
SYSTEM CONTROL / FL DRIVE

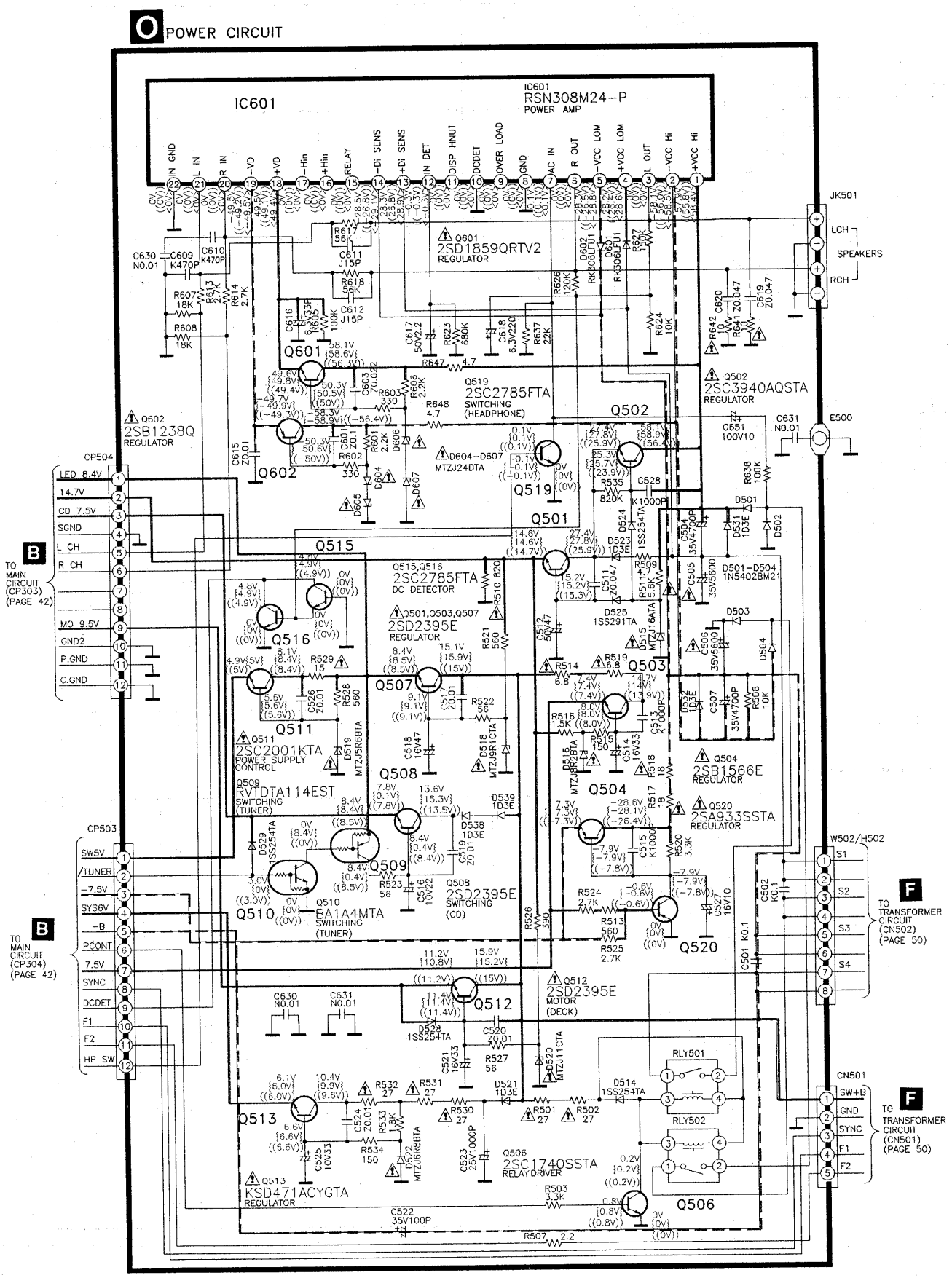

M51167BFP-TB
IC101(1/2)
P.B.EQ/TPS AMP
BU4066BCF-E2
IC104
DECK 1/2 SELECTOR
(DECK 1) P.B HEAD
LCH
(DECK 2) R/P HEAD
LCH
Q103(Q104)
R/P select
CR network
Q101(Q102)
R/P select
Q218
TPS
(P.B. GAIN ADJ.)
VR101 (VR102)
VR103 (VR104)
Q117
M51167BFP-TB
IC101(1/2)
REC AMP/ALC
SW
ALC
AGC OFF
BA7755A
IC102
R/P SELECT
CR network
Q107(Q108)
Tape select rec EQ (metal/CrO2)
(DECK1) S953 (ATS/CrO2)
BU4066BCF-E2
IC308
SIGNAL SELECTOR
KARA
/KARA
(DECK 2) ERASE HEAD
L201
+B
Bias OSC control
Q173-176
(DECK2) S973 (ATS/CrO2)
Beat proof drive
Q171,179
REC HI
BP1
BP2
BU2040F-E2 IC105(1/2) SYSTEM CONT
DN2180RLC
IC971
(DECK2)
DN2180RLC
IC951
(DECK1)
PHOTO INTERRUPTER
S972 (HALF)
S971 (MODE)
S973 (CRO2)
S974 (F.REC INH)
S975 (R.REC INH)
Z971
Interface
S952 (HALF)
S951 (MODE)
S953 (CRO2)
Interface
(Q118-Q121) Interface
D202
Solenoid drive (DECK2)
Q206,208
SOLENOID
Q220
Q203
Motor drive
VR201 (TAPE SPEED ADJ.)
Motor (DECK2)
DECK2
DECK1
TPS


M38197MA194F IC803(1/4) SYSTEM CONTROL / FL DRIVE
RMT
VCC
VREF
VSS
JOGA
JOGB
Z801 REMOTE SENSOR
D601
VR802 (VOLUMN/PULSE ENCODER)

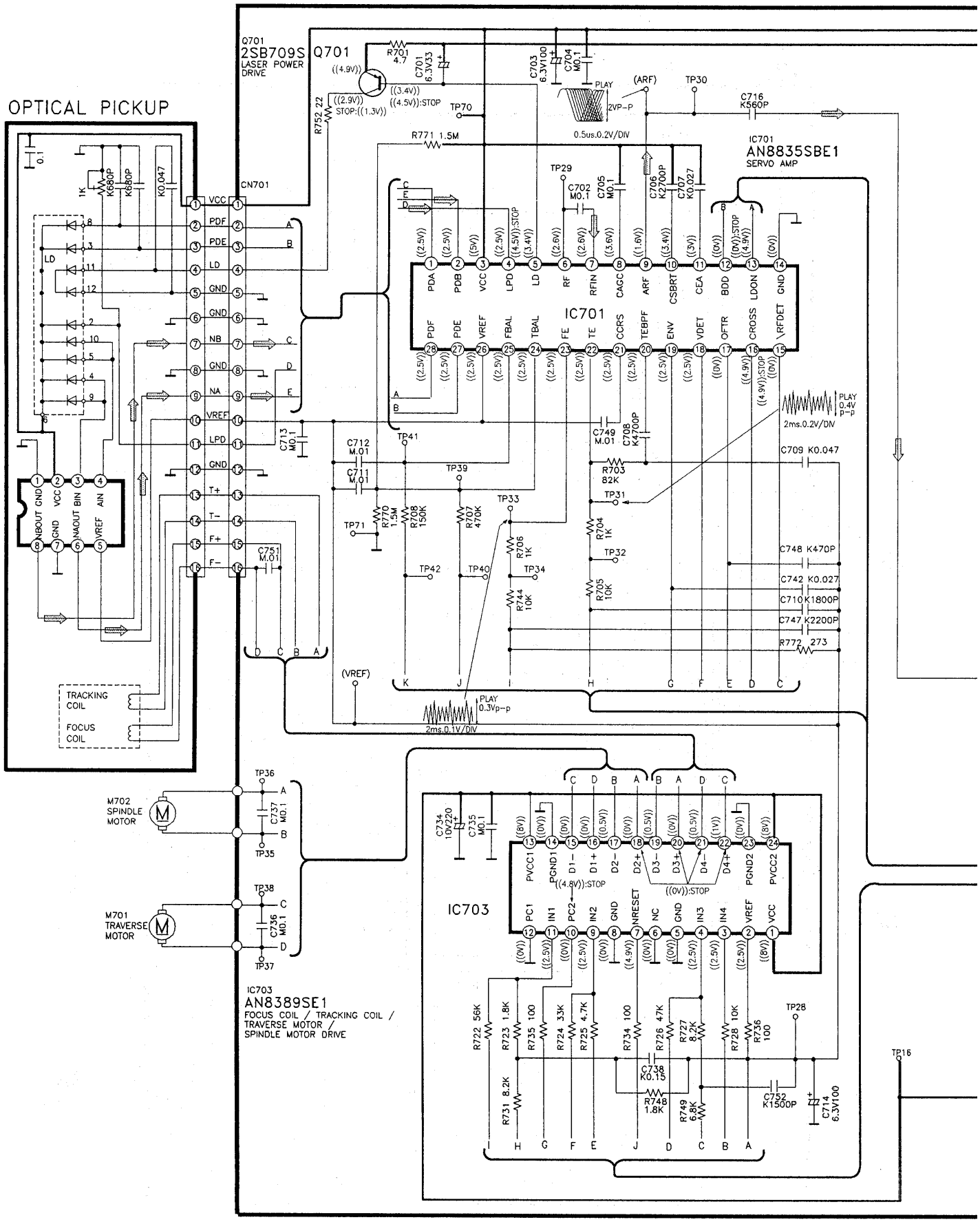

BU4052BCF-E2
IC301
INPUT SELECTOR
AUX
LCH
CD SIGNAL
SW CONT.
Q115(Q116)
Muting drive
Q151(Q152)
Muting drive
Q153(Q154)
Buffer amp
BU2090F-E2
IC302
SYSTEM CONTROL
SEL B
SEL A
VDD
GND
MUTEB
/CD
MUTEA
MIC MT
DATA
CLK
D302
D303
D304
Q301
SWITCHING
CXA1102M-T4
IC103
DOLBY BNR
ATT.1
ATT.2
ATT.3
SC
DET
OFF=H
P=H
MUTEA
AKDATA
SP/CLK
BA3835F-E2
IC804
SPECTRUM EQUALIZER
BIASC
VREFC
CIN
RREF
VCC
GND
TEST
AIN
AOUT
DMT
DOLBY
TAPE
VCC
GND
BU2040F-E2 IC105(1/2) SYSTEM CONTROL
CLK
DATA
1PL
D951
SOLENOID
Solenoid drive (DECK1)
Q207,209
D868
D864
D867
D866
D865
MKCLK
MKDATA
CRT
CD DMUTE
SPE CONT A
SPE CONT B
SPE CONT C
SPEANA INPUT
M38197MA194F IC803(1/4) SYSTEM CONTROL / FL DRIVE
MBP2
MBP1
XOUT
XIN
X'TAL CONTROL
Q806,807
X802(6MHz)
XCOUT
XCIN
X801(32.7KHz)
GRID16
GRID1
ANID1
ANID24
Q800,803
POWER SUPPLY FOR FL800
FL DISPLAY FL800
FROM POWER TRANSFORMER

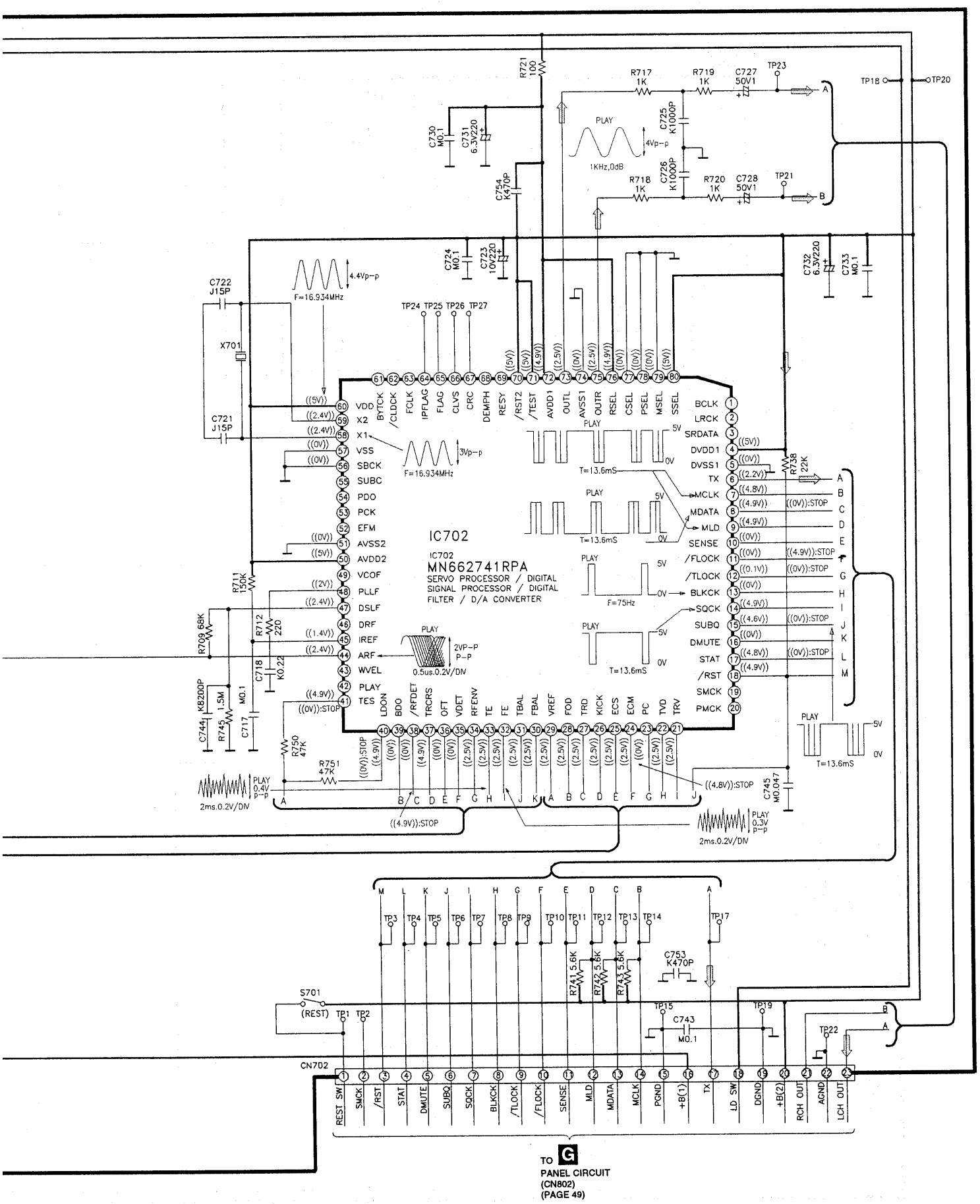

BH3854AFS-E2
IC304
SOUND PROCESSOR
BASS
TONE
TREBLE
VOLUME
VOLUME
MATRIX SURROUND
CONTROL
REFERENCE VOLTAGE
VCC
Q203(Q103)
SWITCHING ATTENUATOR (V.BASS)
Q311
MUTING CONTROL
D317
Q310
BUFFER AMP.
SP/CLK
MUTEA
SP/DAT
SP/LTH
Q204(Q104)
SWITCHING ATTENUATOR
BA4558FE2
IC307
Q308
SWITCHING
Q101(Q201)
SWITCHING ATTENUATOR
BUFFER AMP.
M5218AP
IC306
Q102(Q202)
OVERLOAD DETECTOR
BUFFER AMP.
JK802
HEADPHONE
RCH
BA3838FE2
IC303
VOICE MUTE
LOGIC
SW2
SW1
+B
DCDET
Q801,Q802
VR801
MIC VR
BUFFER AMP.
JK801
MIC 1
KARA
/KARA
D803,D810,D820
D835-D839
EQ/SPC LED DRIVE
Q808
LED_CTL
REW
FWD
DATA
CLK
BU2090F-E2
IC800
LED DRIVE
BU2090F-E2
IC801
LED DRIVE
VP
P.CONT
Q309
SWITCHING
DCDET
SER1/BCLK/TCLK
SER2/ACLK/SPCLK
SER3/KCLK/SPDATA
SER4/KDATA
SER5/LTM
SP/CLK
SP/DAT
AKDATA
SP/LTH
M38197MA194F
IC803(1/4)
SYSTEM CONTROL / FL DRIVE
KEY4
KEY1
KEY SW
/RESET
/HALT
Q804
RESET DRIVE
/HALT

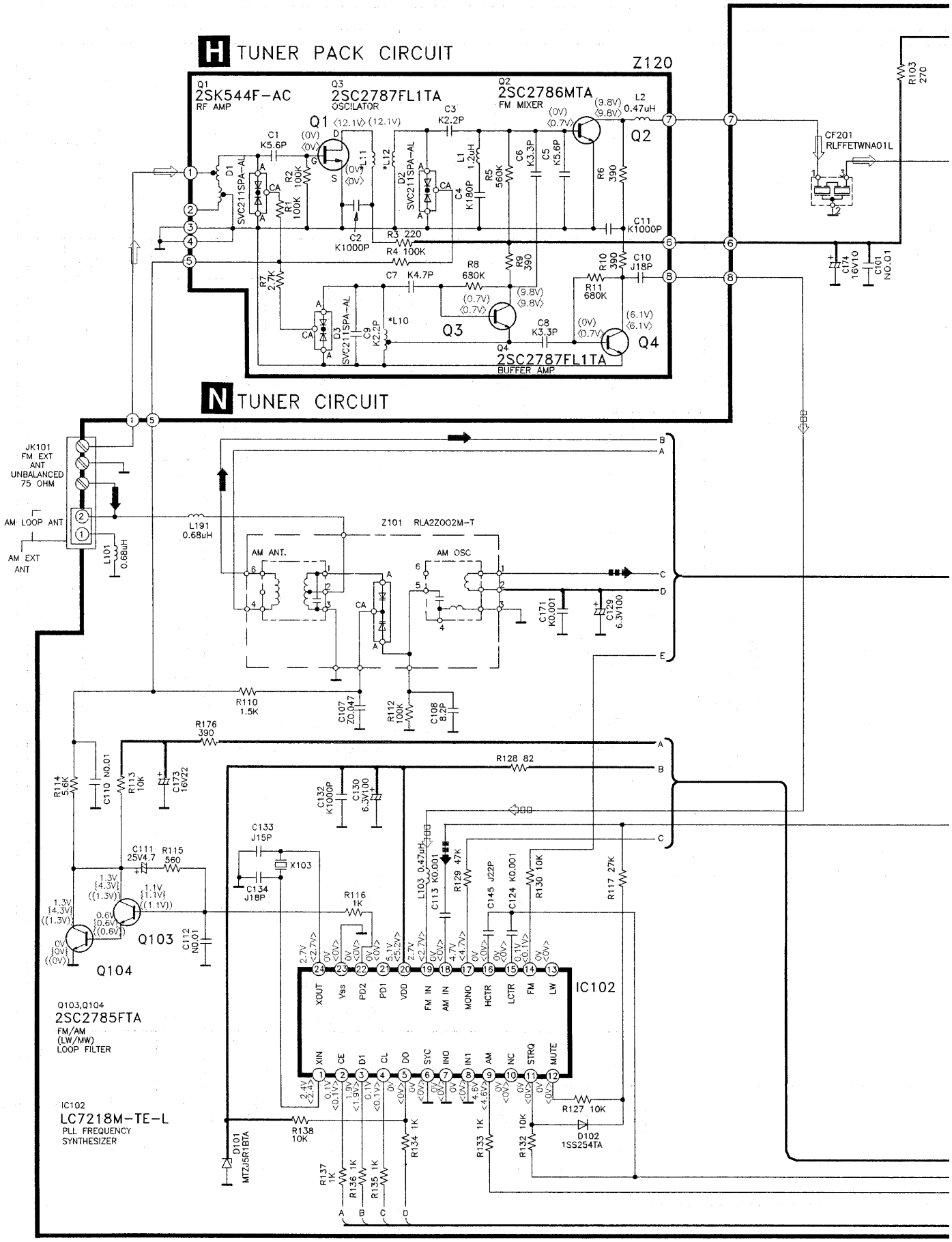

SIGNAL LINES
MAIN SIGNAL LINE
FM OSC SIGNAL LINE
FM SIGNAL LINE
AM OSC SIGNAL LINE
AM SIGNAL LINE
FM & AM SIGNALS LINE
RECORDING SIGNAL LINE
PLAYBACK SIGNAL LINE
CD SIGNAL LINE
RSN308M24-P
IC601
POWER AMP.
D601
D602
RCH
LCH
SPEAKERS
(6Ω)
Q519
HEADPHONE SWITCH
Q515,Q516
CD DETECTOR
KAN78M05AB
IC305
REGULATOR
Q511
POWER SUPPLY CONTROL
Q507
Q501
Q502
Q509,Q510
SWITCHING
Q508
Q512
Q503
Q601
Q513
Q602
Q504,Q520
D501,D502
RLY502
D503,D504
RLY501
T501
POWER TRANSFORMER
AC IN
F1
Q506
RELAY DRIVER
P.CONT
VP
/HALT
Q302
D309
TO
FL DISPLAY

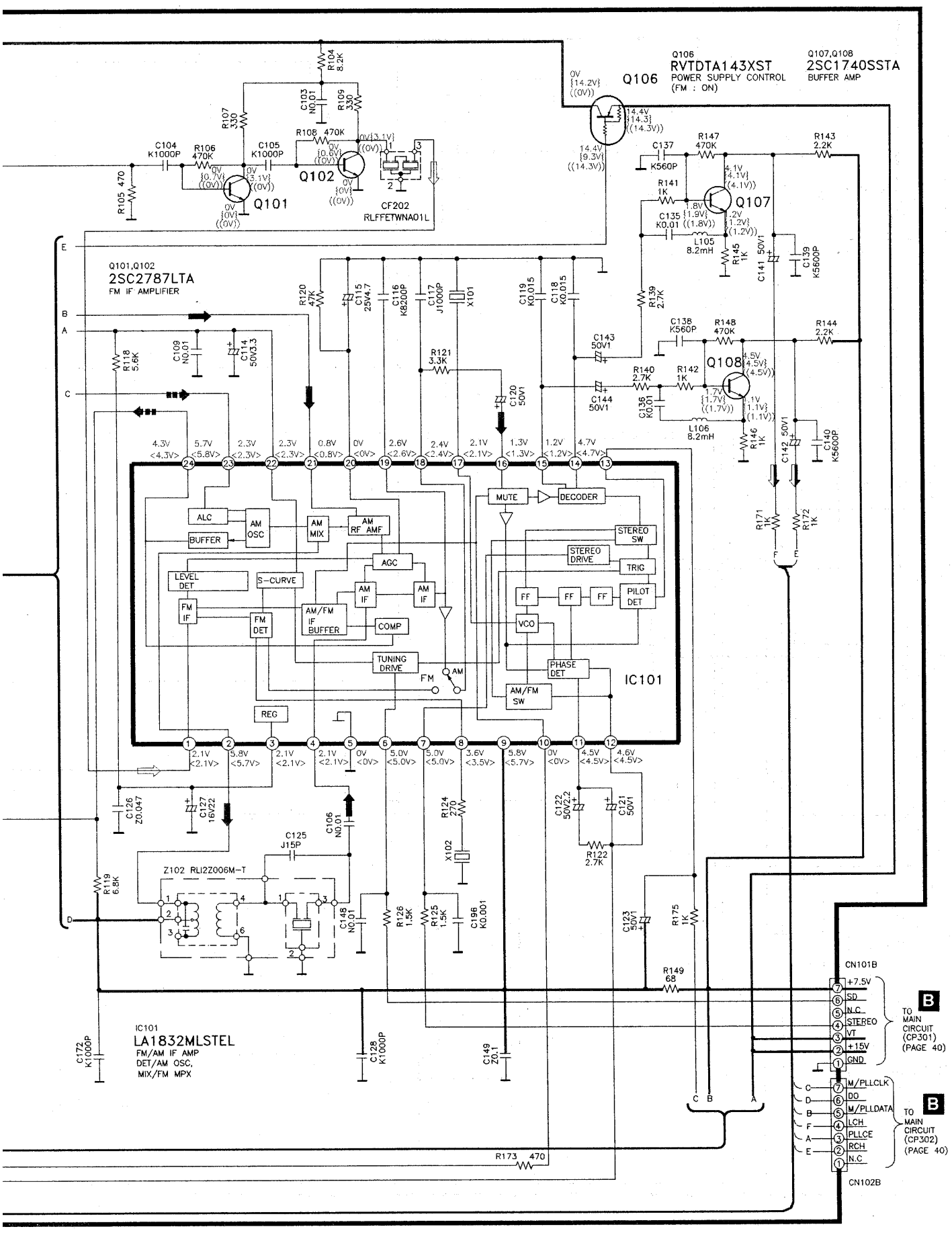

O POWER CIRCUIT
IC601
RSN308M24-P
POWER AMP
JK501
LCH
SPEAKERS
RCH
Q601
2SD1859QRTV2
REGULATOR
Q602
2SB1238Q
REGULATOR
Q519
2SC2785FTA
SWITCHING
(HEADPHONE)
Q502
2SC3940AQSTA
REGULATOR
Q515,Q516
2SC2785FTA
DC DETECTOR
Q501,Q503,Q507
2SD2395E
REGULATOR
Q511
2SC2001KTA
POWER SUPPLY
CONTROL
Q509
RVTDTA114EST
SWITCHING
(TUNER)
Q510
BA1A4MTA
SWITCHING
(TUNER)
Q508
2SD2395E
SWITCHING
(CD)
Q504
2SB1566E
REGULATOR
Q520
2SA933SSTA
REGULATOR
Q512
2SD2395E
MOTOR
(DECK)
Q513
KSD471ACYGTA
REGULATOR
Q506
2SC1740SSTA
RELAY DRIVER
D604–D607
MTZJ24DTA
D501–D504
1N5402BM21
CP504
LED 8.4V
14.7V
CD 7.5V
SGND
L CH
R CH
MO 9.5V
GND2
P.GND
C.GND
CP503
SW5V
TUNER
–7.5V
SYS6V
–B
PCONT
7.5V
SYNC
DCDET
F1
F2
HP SW
B
TO MAIN CIRCUIT (CP303) (PAGE 42)
B
TO MAIN CIRCUIT (CP304) (PAGE 42)
W502/H502
S1
S2
S3
S4
F
TO TRANSFORMER CIRCUIT (CN502) (PAGE 50)
CN501
SW+B
GND
SYNC
F1
F2
F
TO TRANSFORMER CIRCUIT (CN501) (PAGE 50)
RLY501
RLY502
E500

A SERVO CIRCUIT

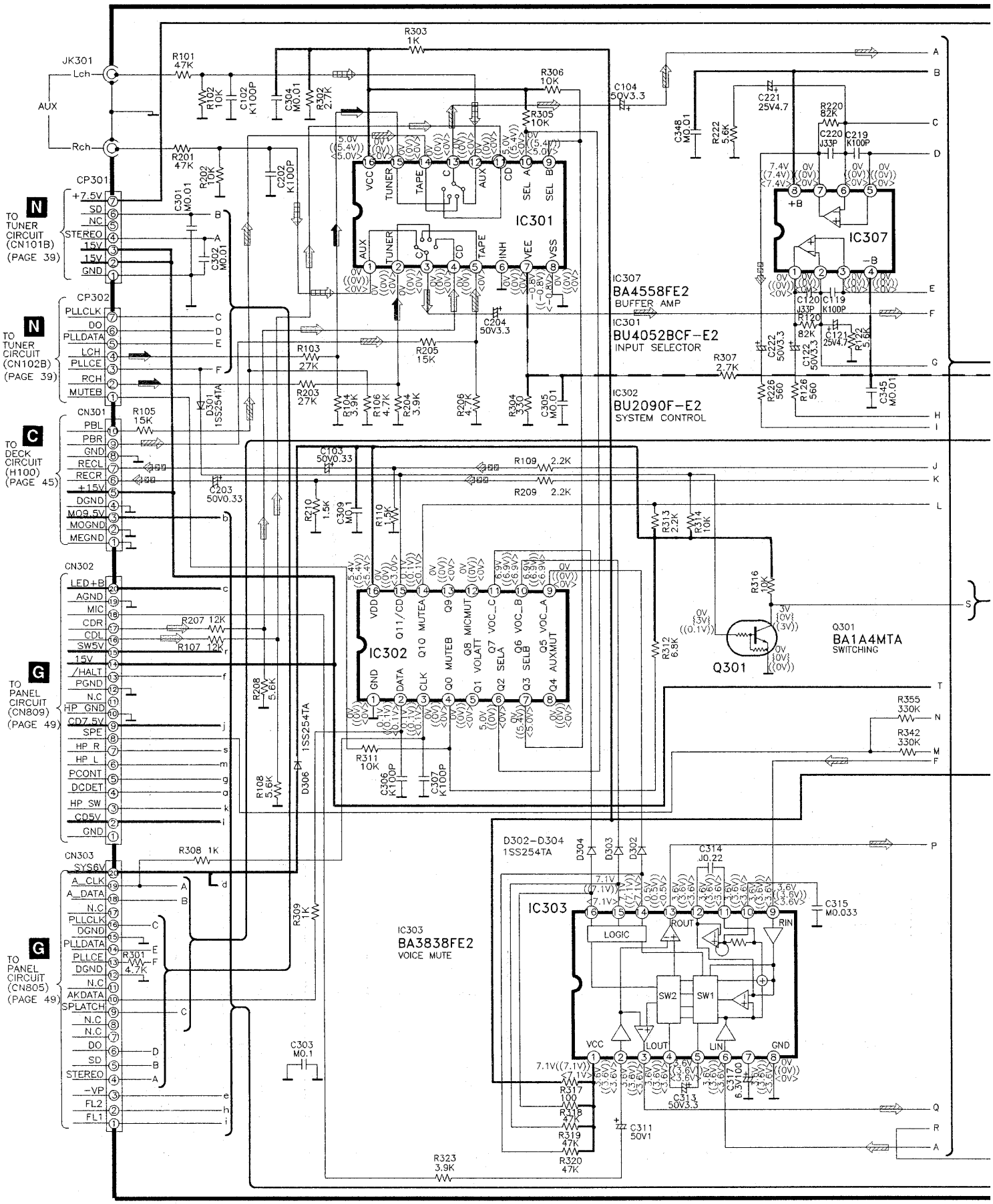


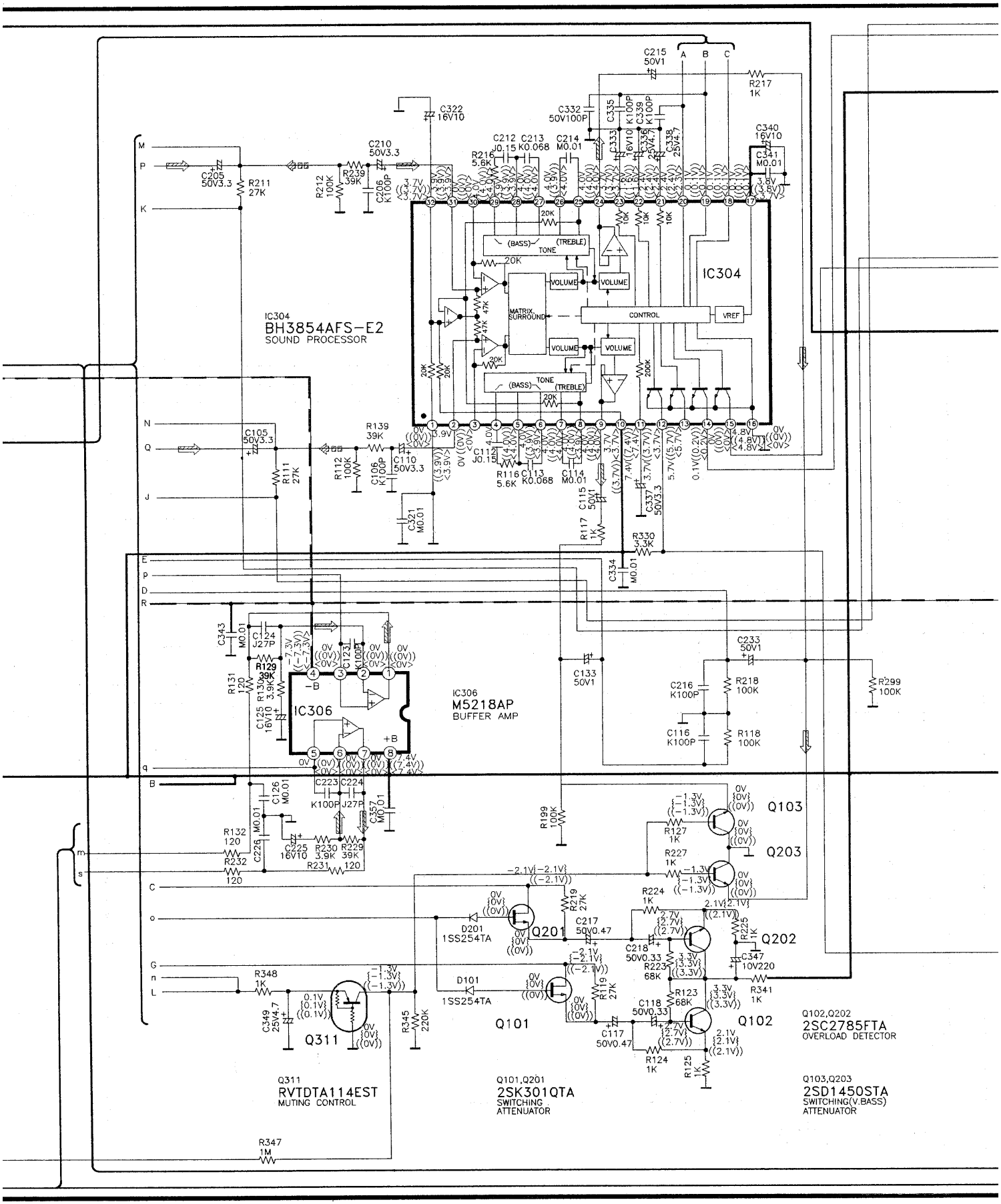

IC702
IC702
MN662741RPA
SERVO PROCESSOR / DIGITAL
SIGNAL PROCESSOR / DIGITAL
FILTER / D/A CONVERTER
X701
F=16.934MHz
4.4Vp-p
3Vp-p
2VP-P
P-P
0.5us,0.2V/DIV
2ms,0.2V/DIV
PLAY
T=13.6mS
F=75Hz
1KHz,0dB
4Vp-p
S701
(REST)
CN702
REST SW
SMCK
/RST
STAT
DMUTE
SUBQ
SQCK
BLKCK
/TLOCK
/FLOCK
SENSE
MLD
MDATA
MCLK
PGND
+B(1)
TX
LD SW
DGND
+B(2)
RCH OUT
AGND
LCH OUT
TO G
PANEL CIRCUIT
(CN802)
(PAGE 49)

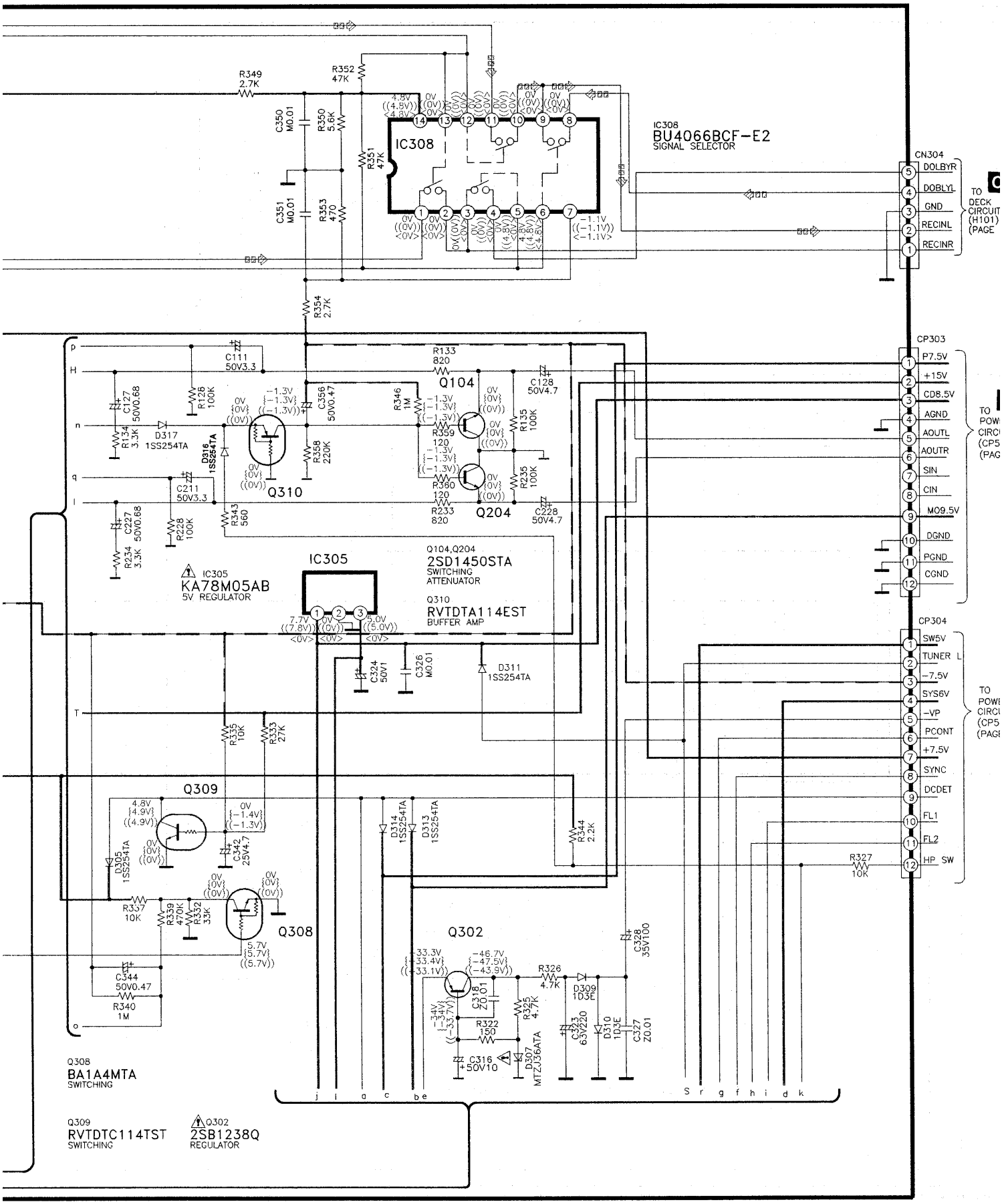

H TUNER PACK CIRCUIT
Z120
Q1
2SK544F-AC
RF AMP
Q3
2SC2787FL1TA
OSCILATOR
Q2
2SC2786MTA
FM MIXER
Q4
2SC2787FL1TA
BUFFER AMP
N TUNER CIRCUIT
JK101
FM EXT ANT
UNBALANCED
75 OHM
AM LOOP ANT
AM EXT ANT
Z101 RLA2Z002M-T
AM ANT.
AM OSC
IC102
LC7218M-TE-L
PLL FREQUENCY SYNTHESIZER
Q103,Q104
2SC2785FTA
FM/AM
(LW/MW)
LOOP FILTER
CF201
RLFFETWNA01L
D101
MTZJ5R1BTA
D102
1SS254TA


Q106
RVTDTA143XST
POWER SUPPLY CONTROL
(FM : ON)
Q107,Q108
2SC1740SSTA
BUFFER AMP
Q101,Q102
2SC2787LTA
FM IF AMPLIFIER
IC101
LA1832MLSTEL
FM/AM IF AMP
DET/AM OSC,
MIX/FM MPX
CF202
RLFFETWNA01L
Z102 RLI2Z006M-T
MUTE
DECODER
ALC
AM OSC
BUFFER
AM MIX
AM RF AMF
STEREO SW
STEREO DRIVE
TRIG
AGC
LEVEL DET
S-CURVE
AM IF
FM IF
FM DET
AM/FM IF BUFFER
COMP
FF
PILOT DET
VCO
TUNING DRIVE
PHASE DET
AM/FM SW
REG
CN101B
+7.5V
SD
N.C
STEREO
VT
+15V
GND
TO MAIN CIRCUIT (CP301) (PAGE 40)
M/PLLCLK
DO
M/PLLDATA
LCH
PLLCE
RCH
N.C
TO MAIN CIRCUIT (CP302) (PAGE 40)
CN102B

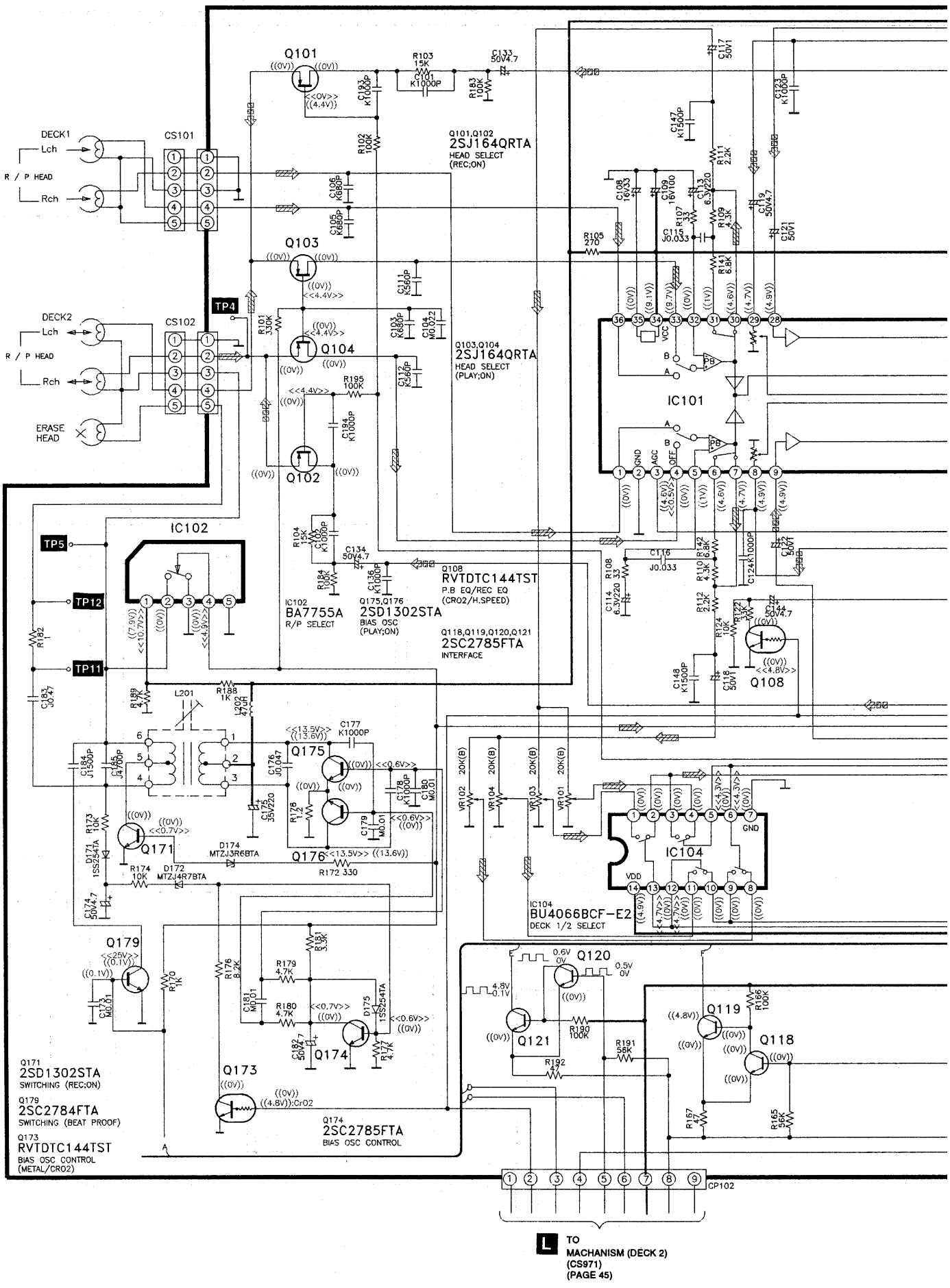
B MAIN CIRCUIT

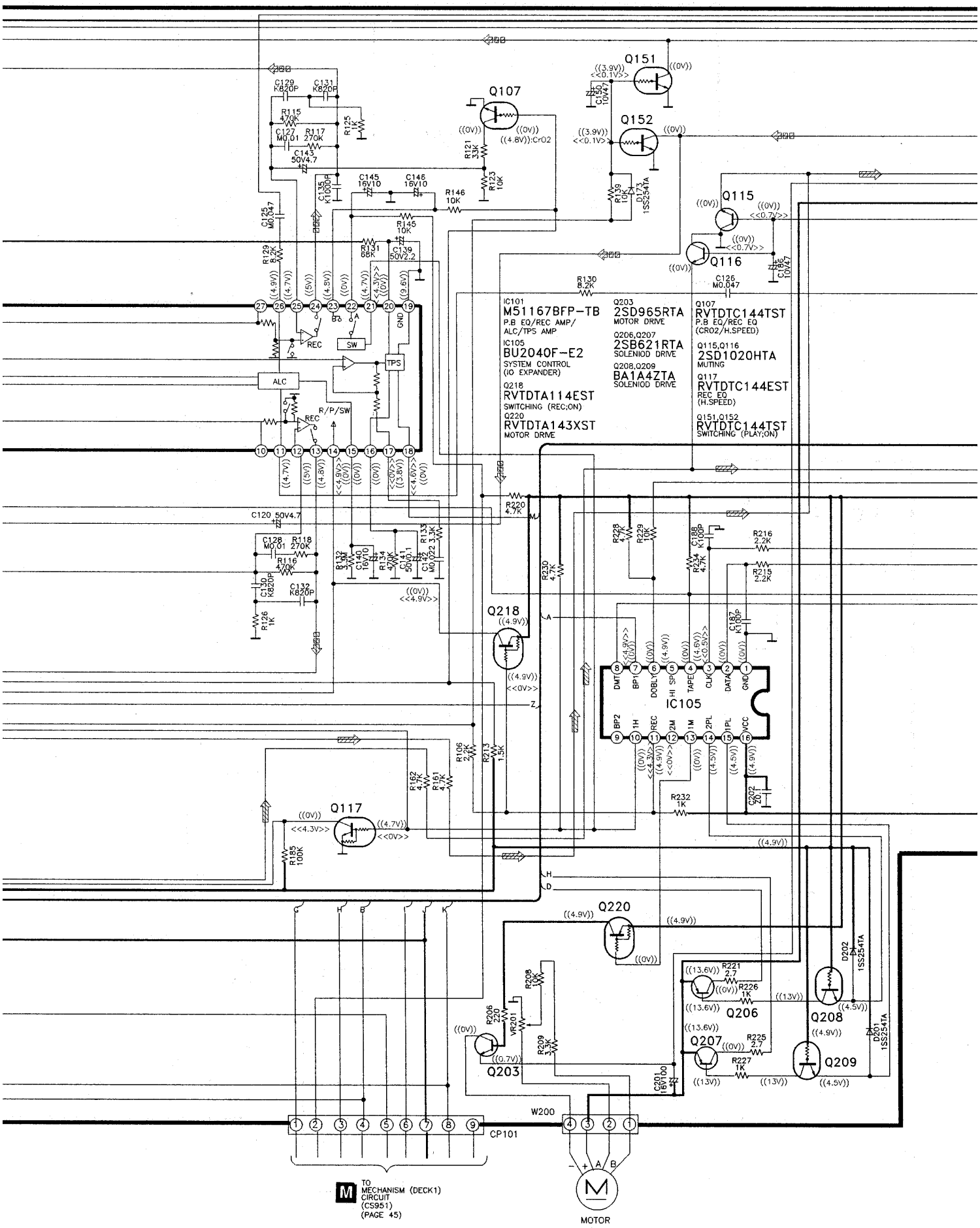


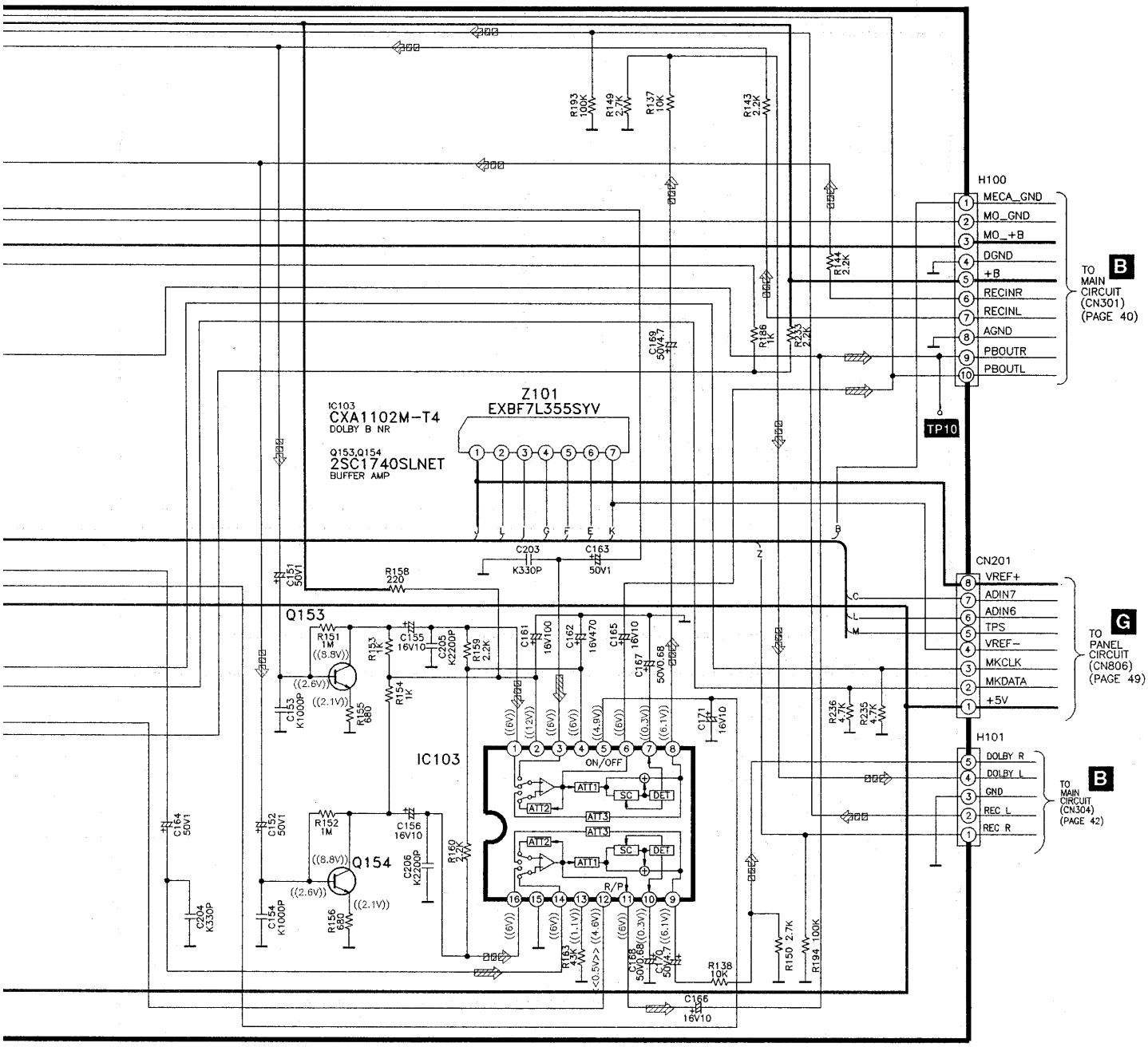

IC304
BH3854AFS-E2
SOUND PROCESSOR
IC306
M5218AP
BUFFER AMP
Q311
RVTDTA114EST
MUTING CONTROL
Q101,Q201
2SK301QTA
SWITCHING
ATTENUATOR
Q102,Q202
2SC2785FTA
OVERLOAD DETECTOR
Q103,Q203
2SD1450STA
SWITCHING(V.BASS)
ATTENUATOR
D201
1SS254TA
D101
1SS254TA


IC308
BU4066BCF-E2
SIGNAL SELECTOR
CN304
DOLBYR
DOBLYL
GND
RECINL
RECINR
TO DECK CIRCUIT (H101) (PAGE
CP303
P7.5V
+15V
CD8.5V
AGND
AOUTL
AOUTR
SIN
CIN
MO9.5V
DGND
PGND
CGND
CP304
SW5V
TUNER L
-7.5V
SYS6V
-VP
PCONT
+7.5V
SYNC
DCDET
FL1
FL2
HP SW
IC305
KA78M05AB
5V REGULATOR
Q104,Q204
2SD1450STA
SWITCHING ATTENUATOR
Q310
RVTDTA114EST
BUFFER AMP
Q308
BA1A4MTA
SWITCHING
Q309
RVTDTC114TST
SWITCHING
Q302
2SB1238Q
REGULATOR

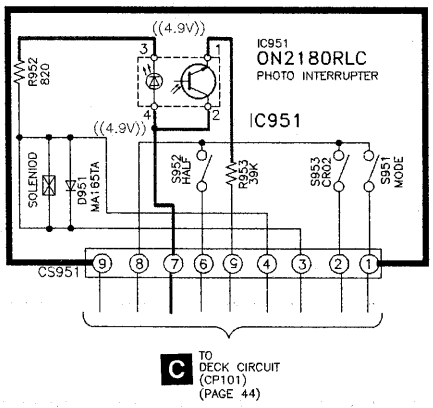
C DECK CIRCUIT



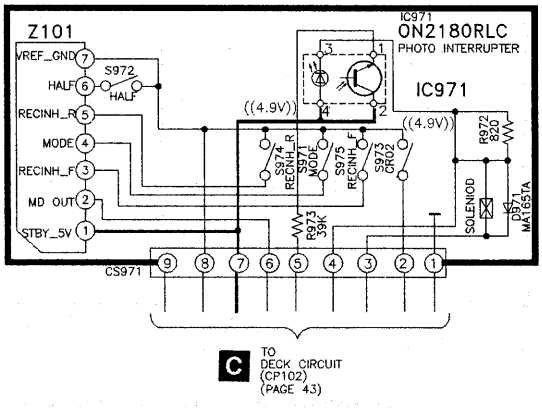

IC101
M51167BFP-TB
P.B EQ/REC AMP/
ALC/TPS AMP
IC105
BU2040F-E2
SYSTEM CONTROL
(IO EXPANDER)
Q218
RVTDTA114EST
SWITCHING (REC;ON)
Q220
RVTDTA143XST
MOTOR DRIVE
Q203
2SD965RTA
MOTOR DRIVE
Q206,Q207
2SB621RTA
SOLENIOD DRIVE
Q208,Q209
BA1A4ZTA
SOLENIOD DRIVE
Q107
RVTDTC144TST
P.B EQ/REC EQ
(CRO2/H.SPEED)
Q115,Q116
2SD1020HTA
MUTING
Q117
RVTDTC144EST
REC EQ
(H.SPEED)
Q151,Q152
RVTDTC144TST
SWITCHING (PLAY;ON)
Q151
Q152
Q107
Q115
Q116
Q117
Q218
Q220
Q203
Q206
Q207
Q208
Q209
IC105
REC
SW
TPS
ALC
R/P/SW
W200
CP101
TO MECHANISM (DECK1) CIRCUIT (CS951) (PAGE 45)
MOTOR



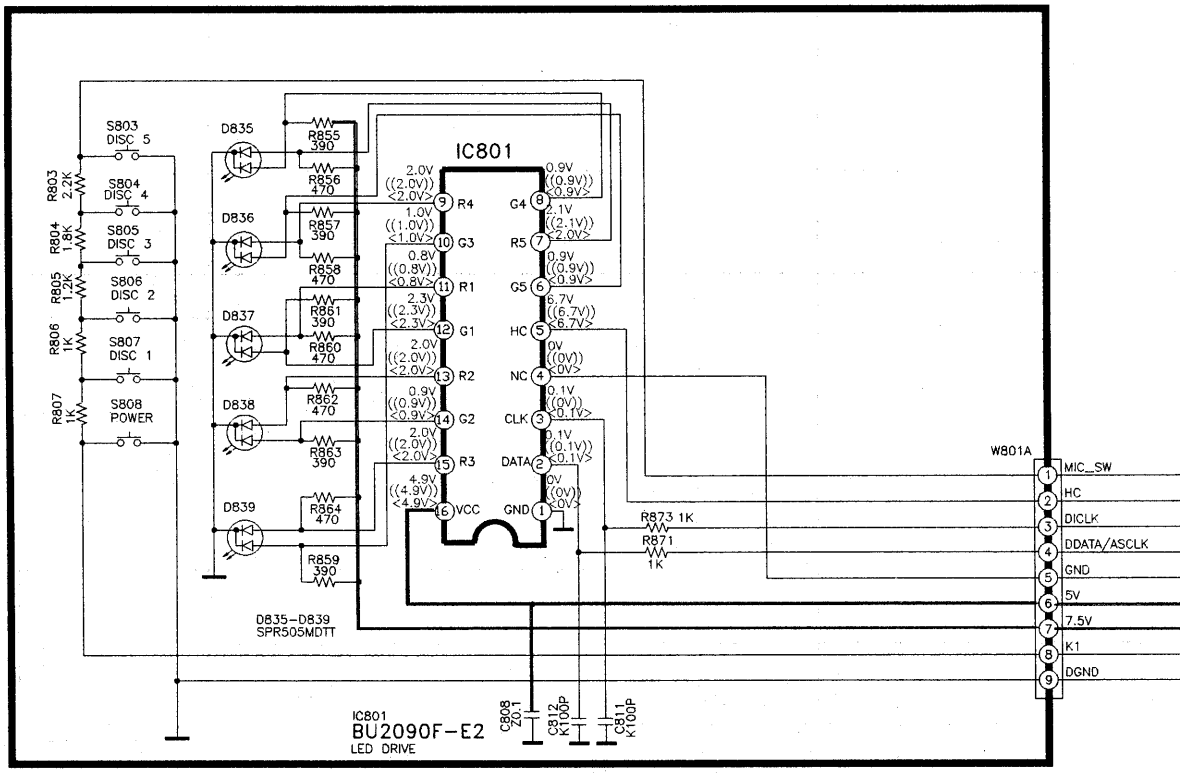
M MECHANISM (DECK 1) CIRCUIT



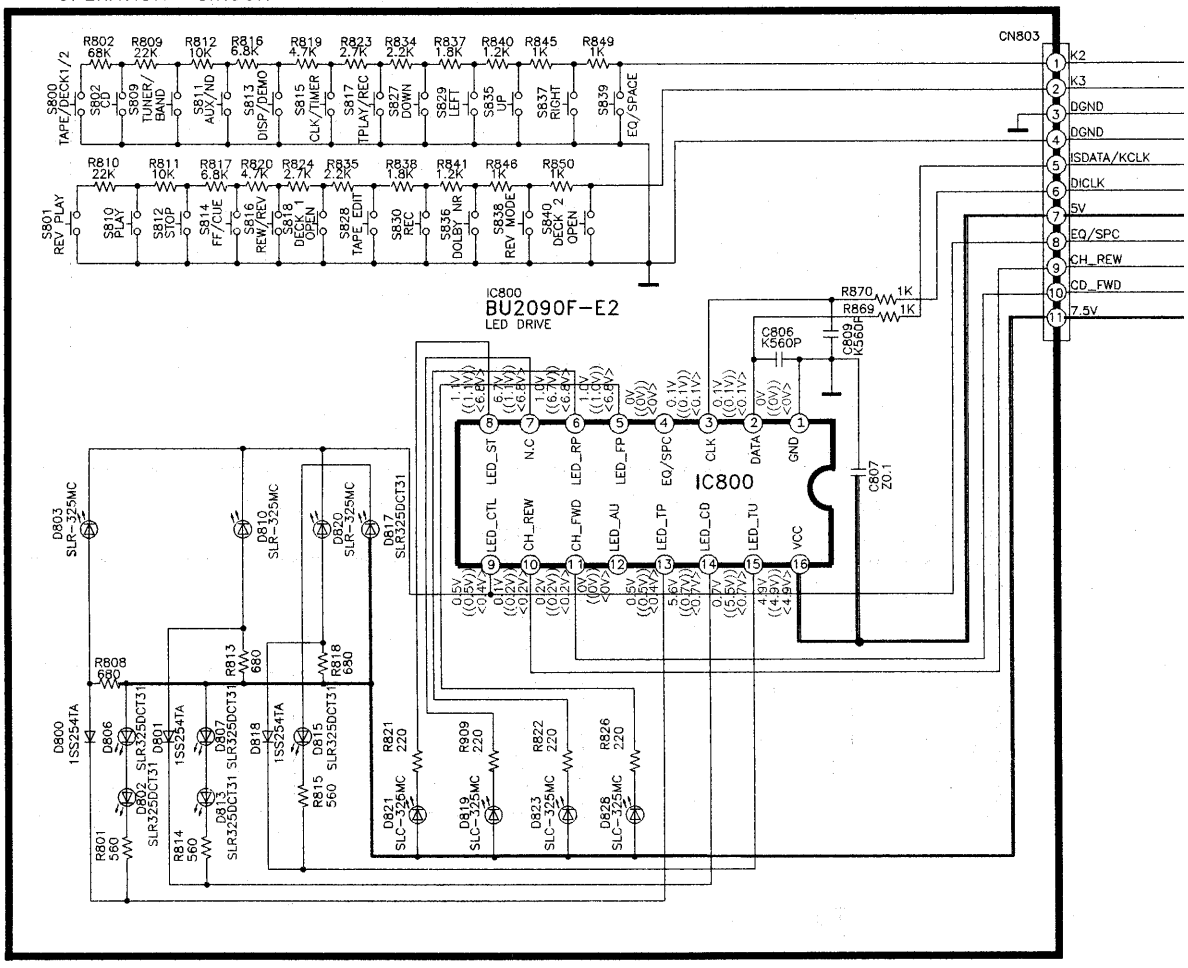
L MECHANISM (DECK 2) CIRCUIT



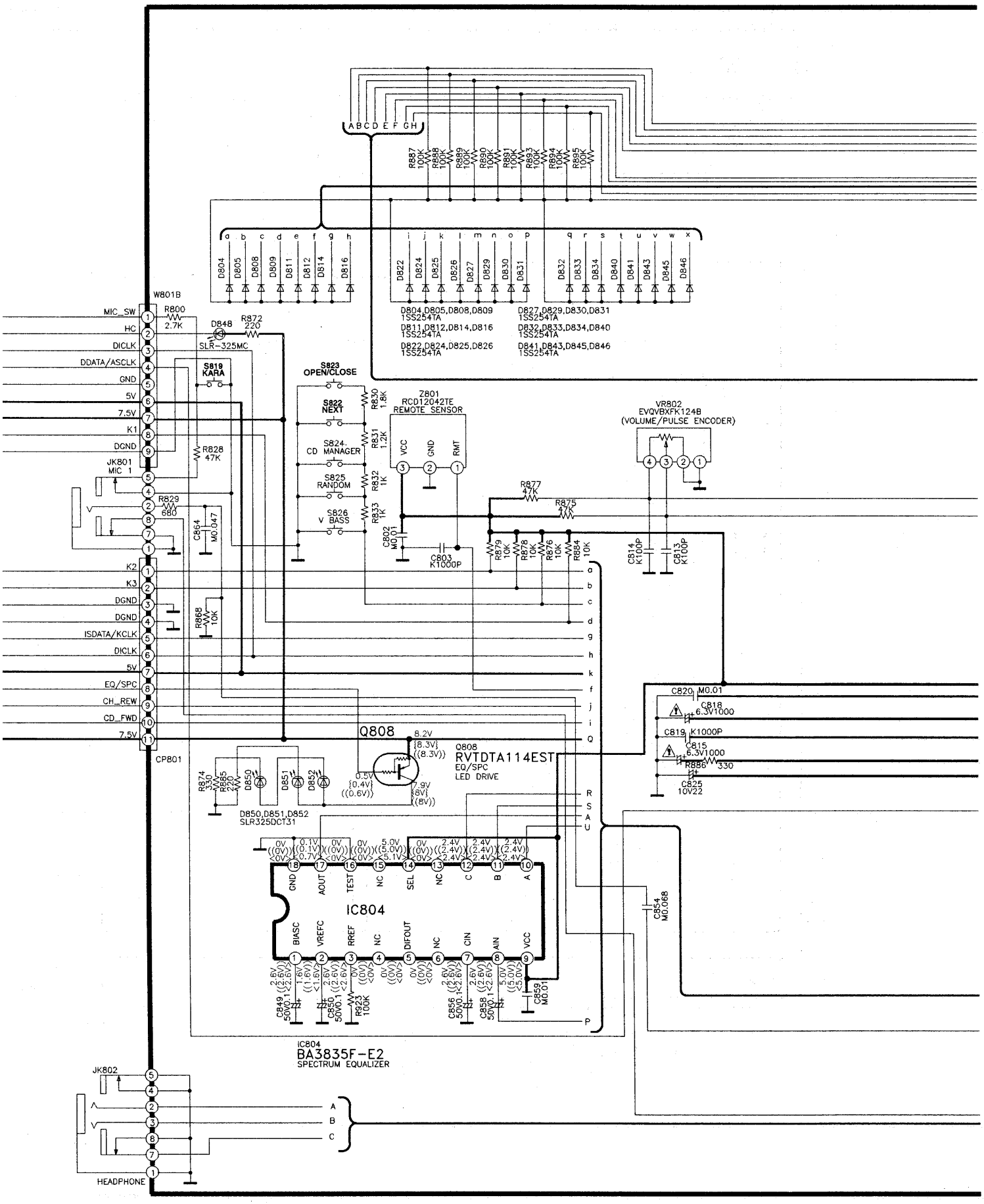
D LED CIRCUIT

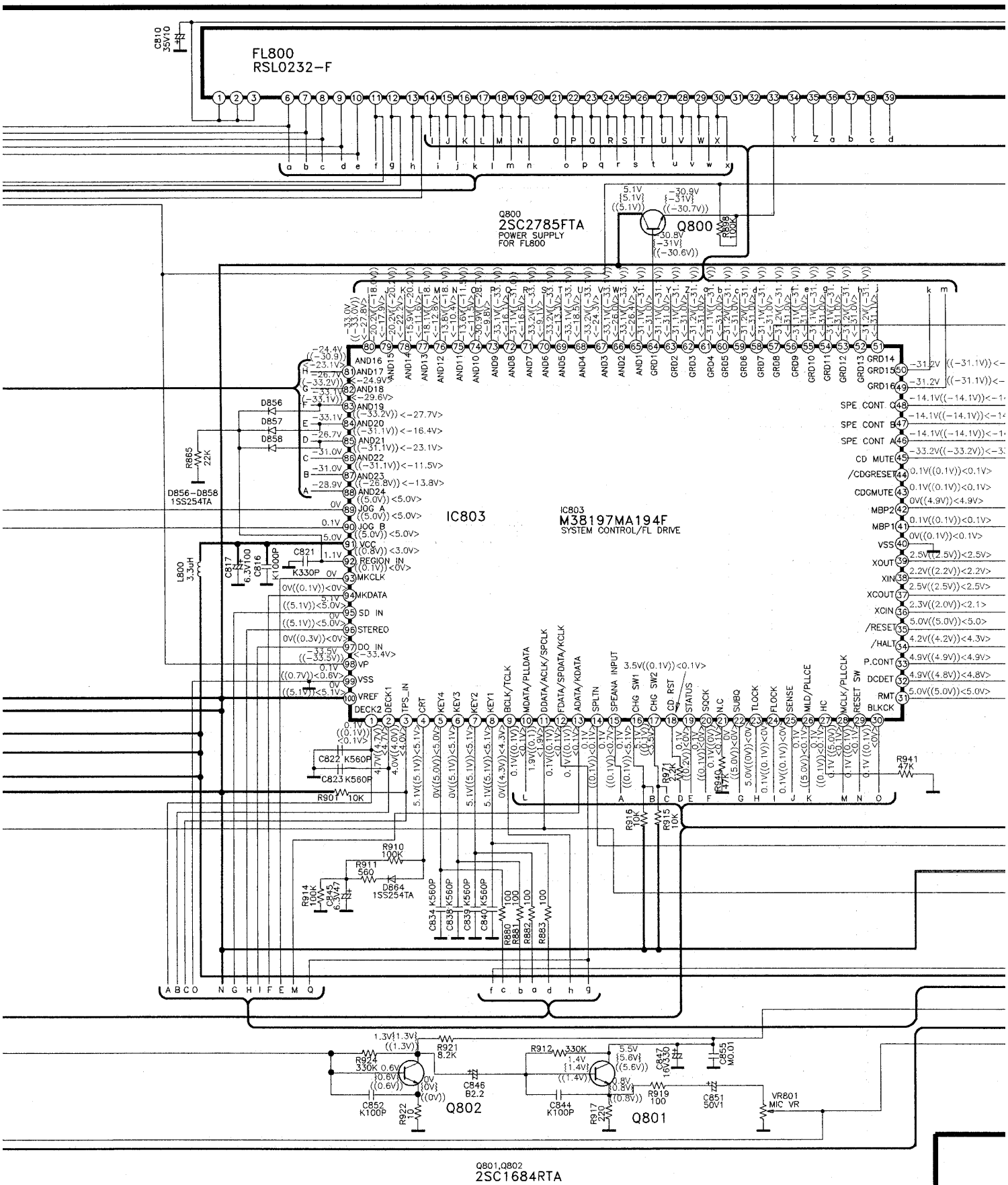


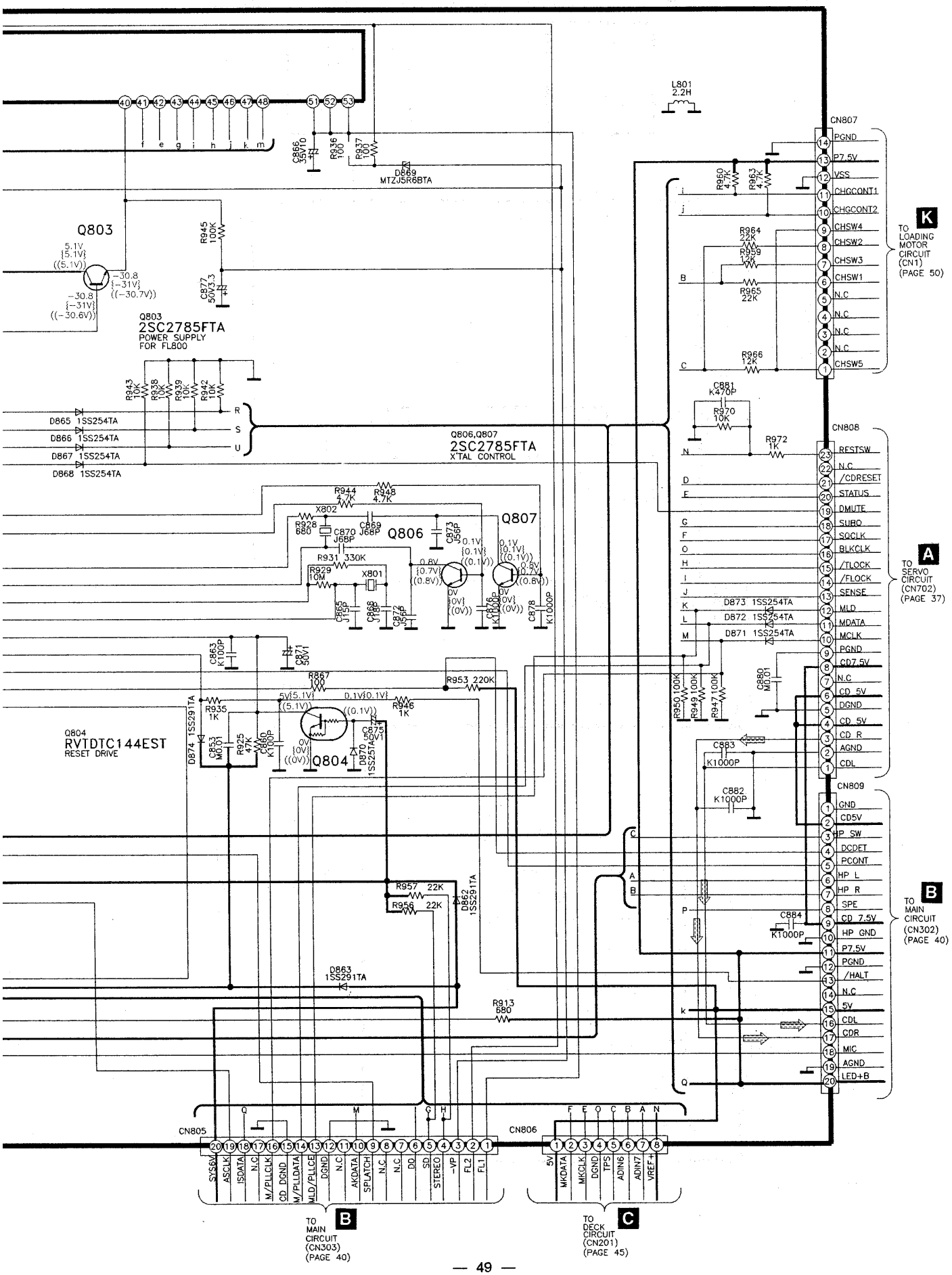
E OPERATION CIRCUIT



G PANEL CIRCUIT

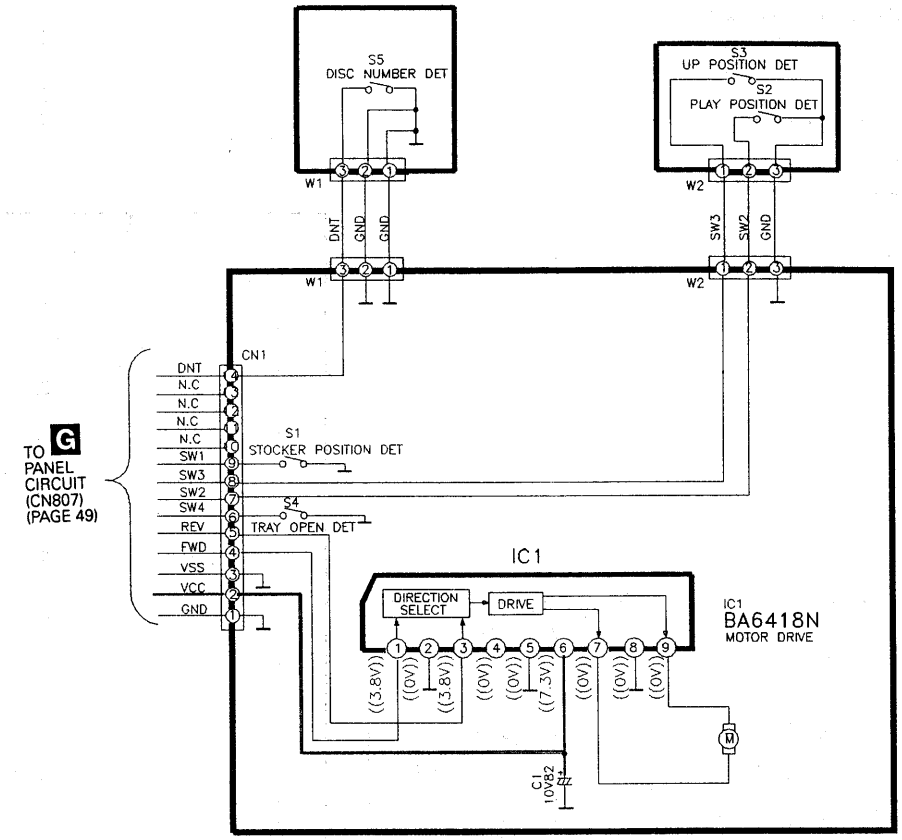



FL800
RSL0232-F
Q800
2SC2785FTA
POWER SUPPLY
FOR FL800
IC803
IC803
M38197MA194F
SYSTEM CONTROL/FL DRIVE
Q802
Q801
Q801,Q802
2SC1684RTA
BUFFER AMP


Q803
2SC2785FTA
POWER SUPPLY
FOR FL800
Q806,Q807
2SC2785FTA
X'TAL CONTROL
Q804
RVTDTC144EST
RESET DRIVE
L801
2.2H
D865 1SS254TA
D866 1SS254TA
D867 1SS254TA
D868 1SS254TA
D869
MTZJ5R6BTA
D863
1SS291TA
D862
1SS291TA
D874 1SS291TA
D870
1SS251A
D871 1SS254TA
D872 1SS254TA
D873 1SS254TA
X801
X802
CN807
CN808
CN809
CN805
CN806
TO LOADING MOTOR CIRCUIT (CN1) (PAGE 50)
TO SERVO CIRCUIT (CN702) (PAGE 37)
TO MAIN CIRCUIT (CN302) (PAGE 40)
TO MAIN CIRCUIT (CN303) (PAGE 40)
TO DECK CIRCUIT (CN201) (PAGE 45)

I DETECTING SWITCH (1) CIRCUIT

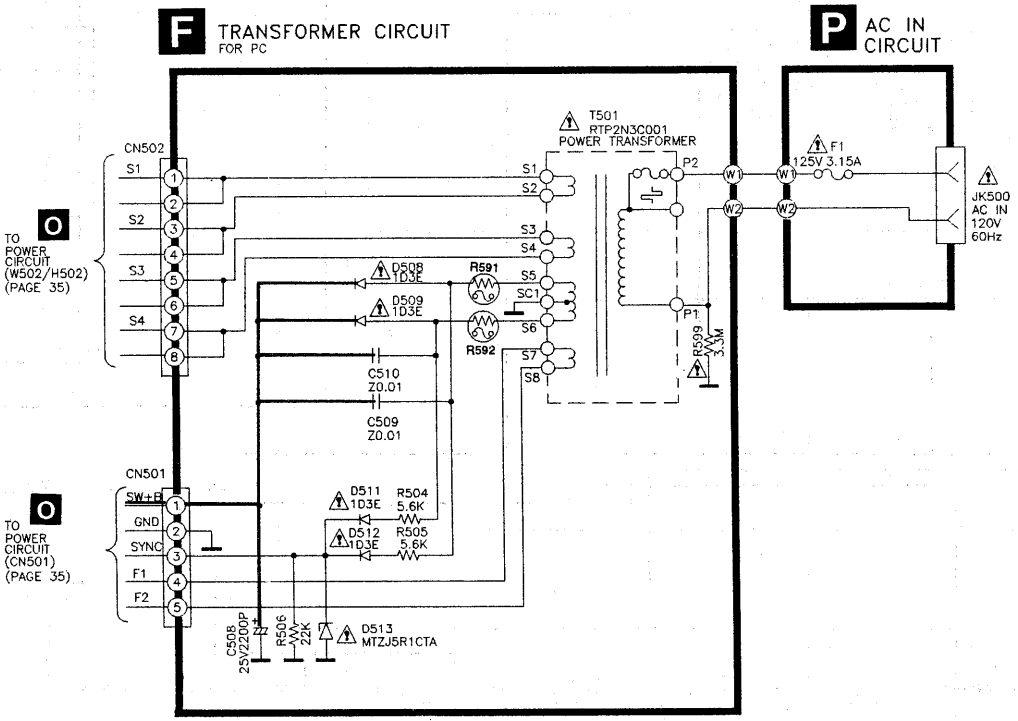
J DETECTING SWITCH (2) CIRCUIT



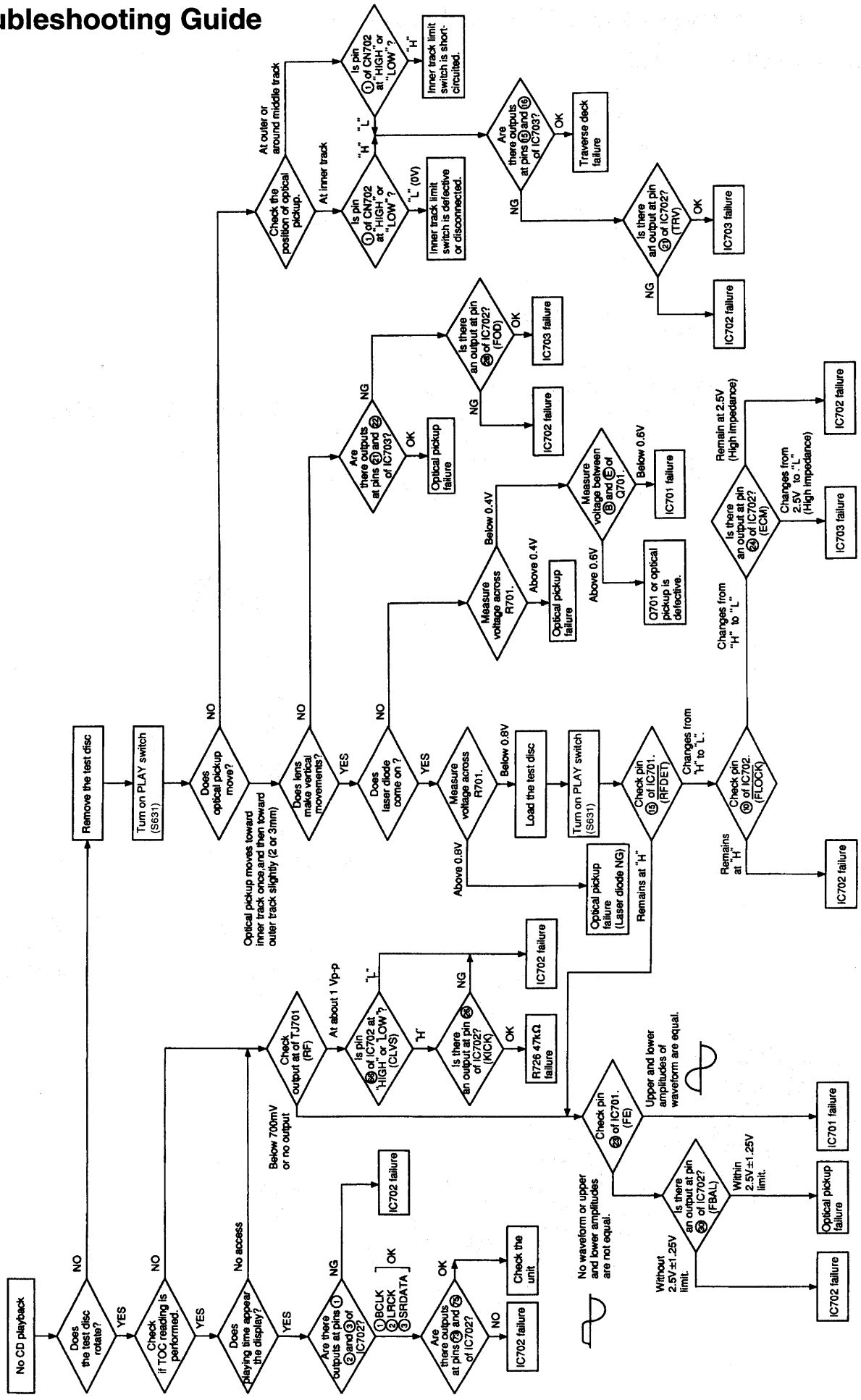
K LOADING MOTOR CIRCUIT

F TRANSFORMER CIRCUIT FOR PC

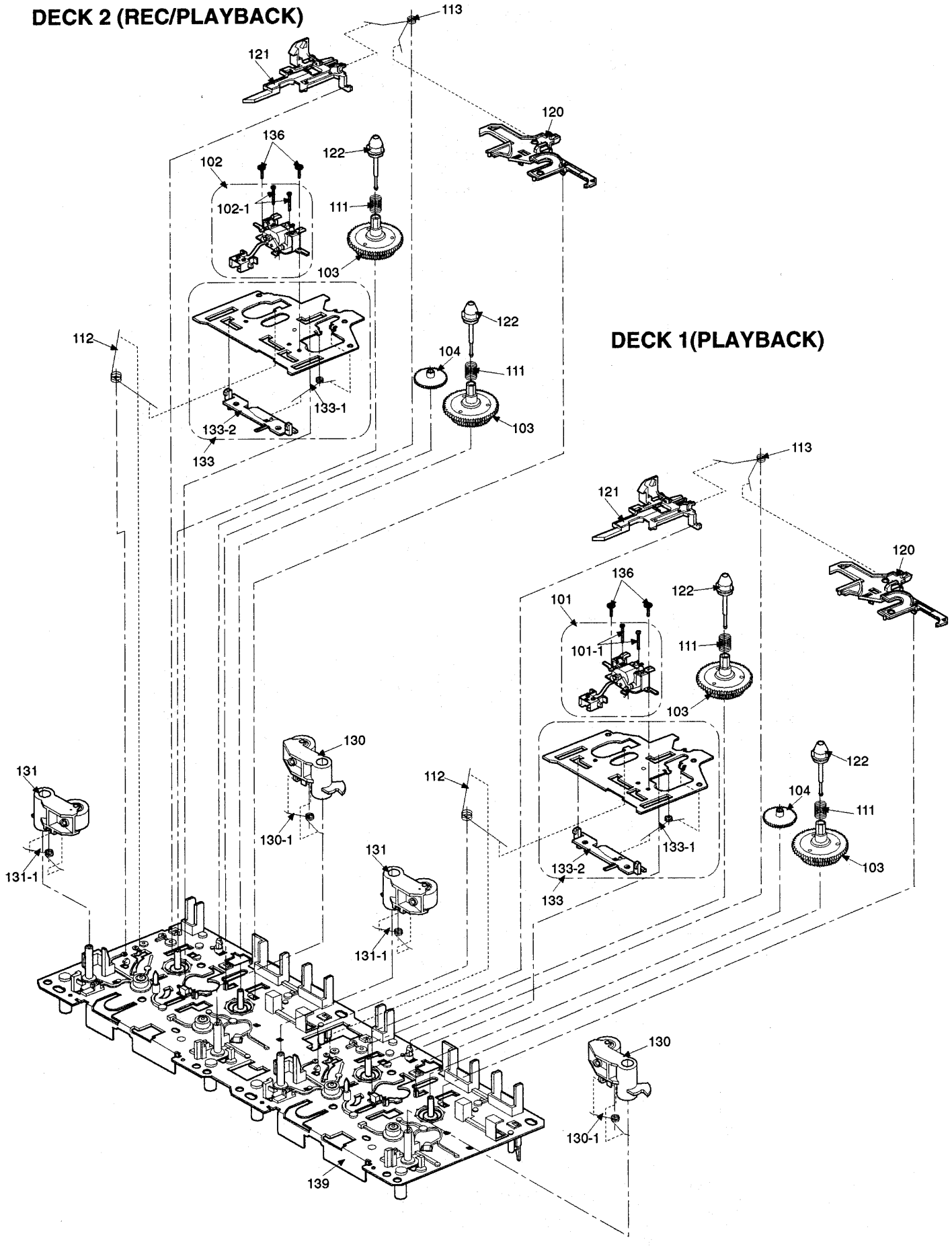
P AC IN CIRCUIT



■ Troubleshooting Guide

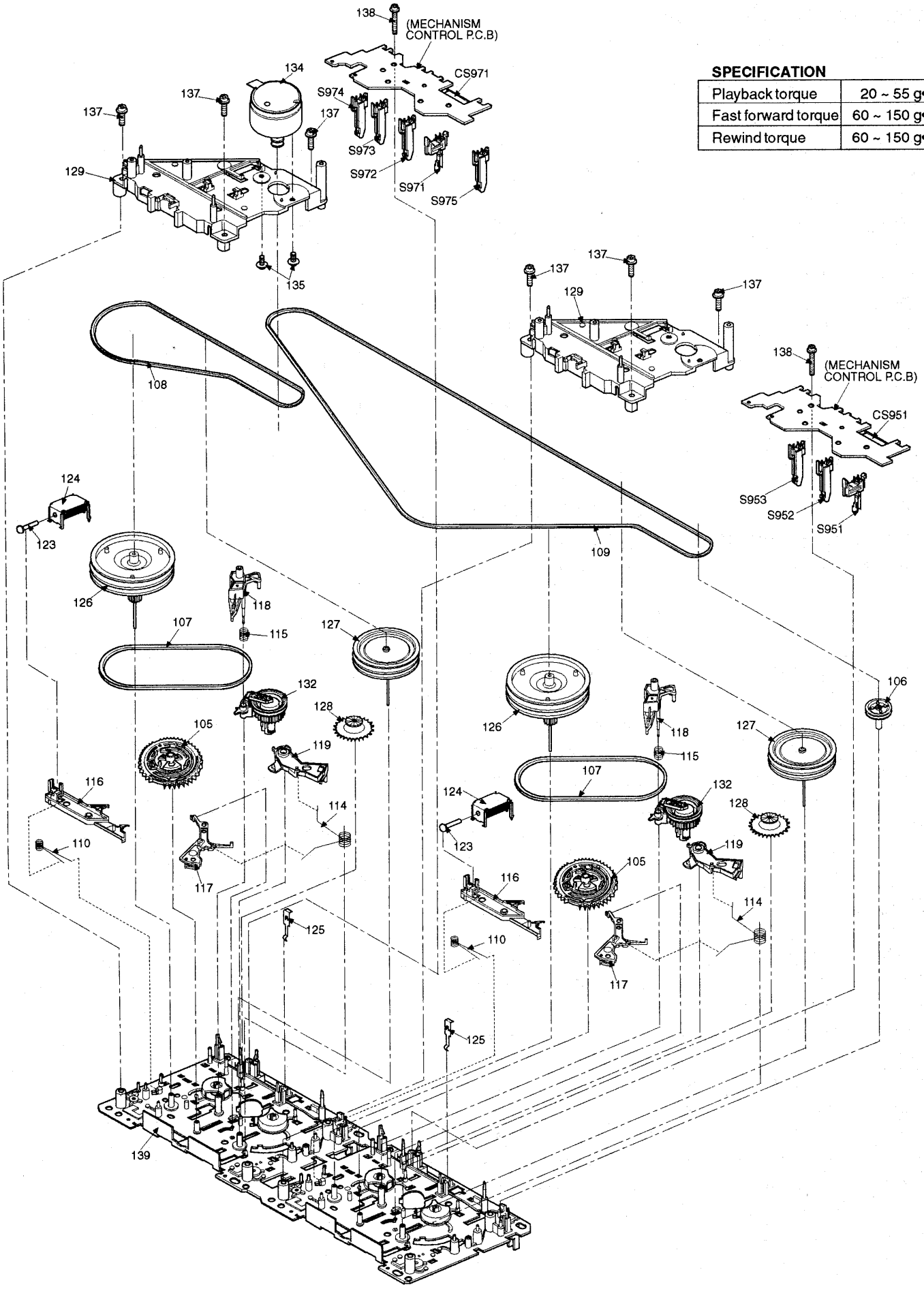


■ Mechanism Parts Location (RAA3404)

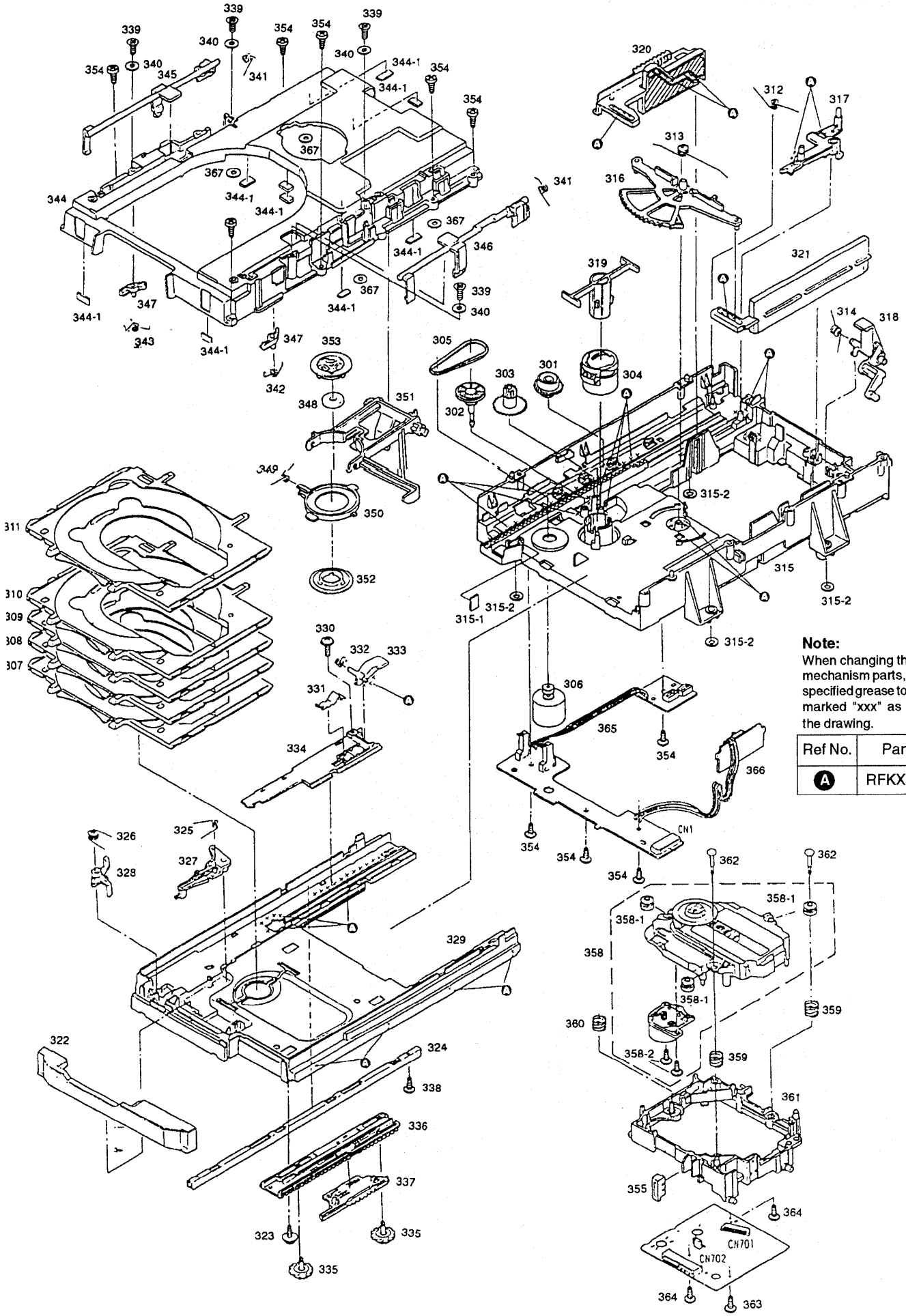


SPECIFICATION

Playback torque	20 ~ 55 g•cm
Fast forward torque	60 ~ 150 g•cm
Rewind torque	60 ~ 150 g•cm



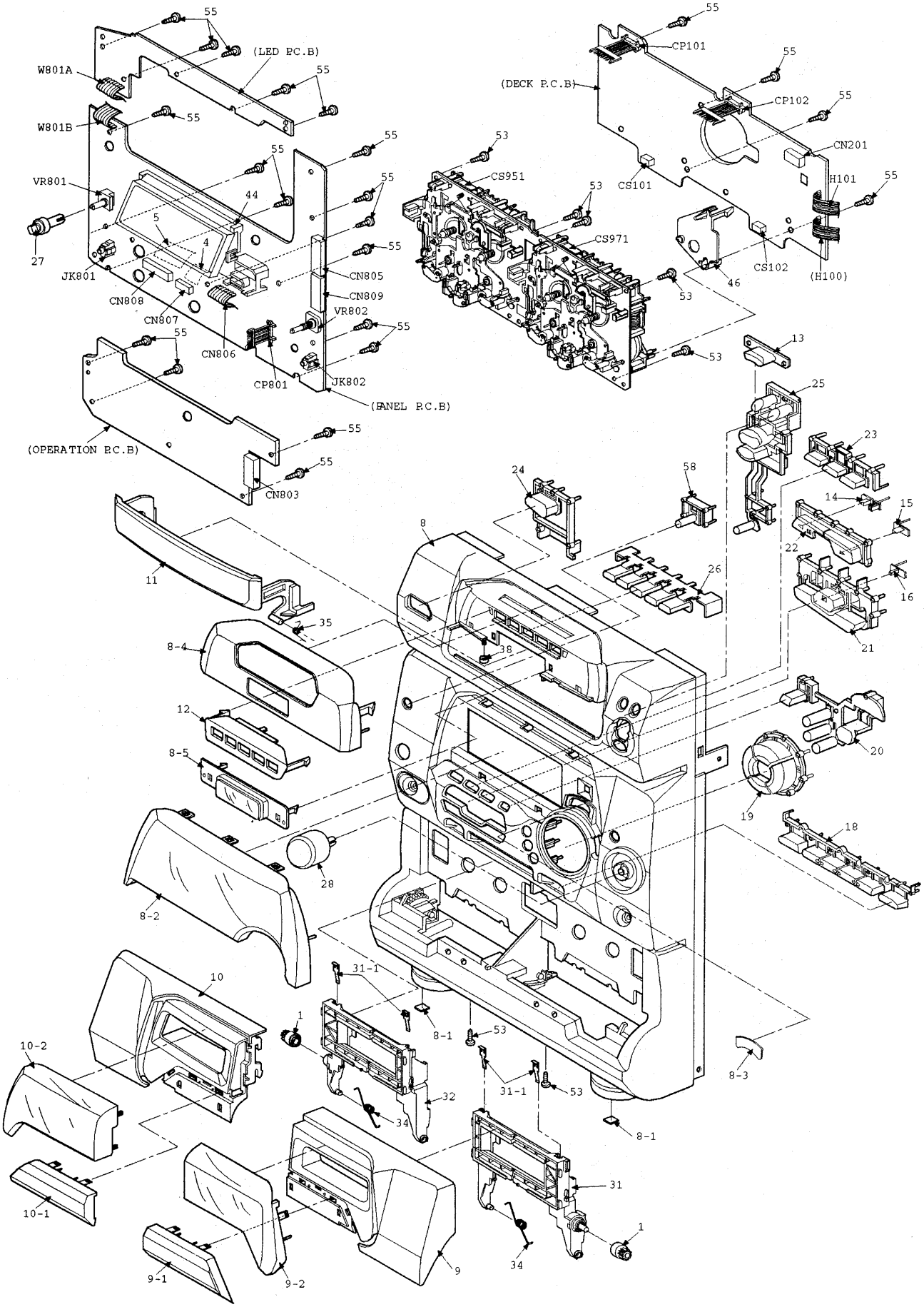
■ CD Loading Unit Parts Location

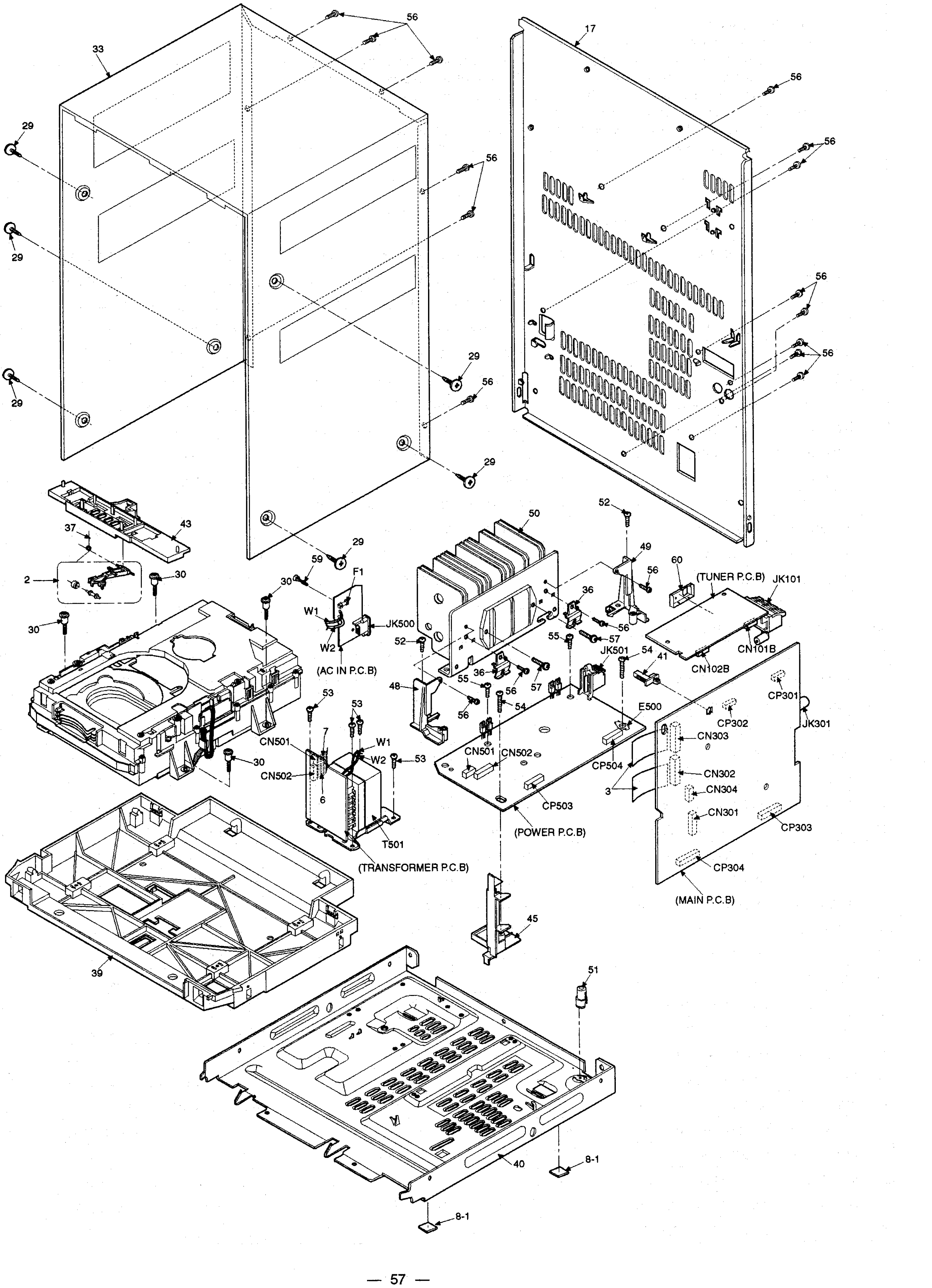


Note:
When changing the loading mechanism parts, apply the specified grease to the areas marked "xxx" as shown in the drawing.

Ref No.	Part No.
Ⓐ	RFKXPG671

■ Cabinet Parts Location





56
33
17
29
56
29
56
29
56
29
56
56
29
29
50
52
43
37
49
60
2
30
59
F1
56
(TUNER P.C.B)
JK101
30
36
30
W1
JK500
56
57
CN101B
W2
52
55
JK501
54
41
(AC IN P.C.B)
36
57
CN102B
48
55
56
54
CP301
53
53
56
E500
CP302
JK301
CN501
7
W1
CN501
CN502
CN303
W2
53
CP504
CN502
6
30
CN302
3
CN304
CP503
CN301
T501
(POWER P.C.B)
CP303
(TRANSFORMER P.C.B)
CP304
(MAIN P.C.B)
45
39
51
40
8-1
8-1