

ADJUSTMENT INSTRUCTIONS

i Safety Precautions

1. It is safe to adjust after using insulating transformer between the power supply line and chassis input to prevent the risk of electric shock and protect the instrument.
2. Never disconnect leads while the TV receiver is on.
3. Don't short any portion of circuits while power is on.
4. The adjustment must be done by the correct appliances.
5. Unless otherwise noted, set the line voltage to 230Vac; 10%, 50Hz.
5. The adjustment of TV should be performed after warming up for 15 minutes.

i Test Equipment required

1. RF signal generator (with pattern generator)
2. DC Power Supply
3. Multimeter (volt meter)
4. Oscilloscope
5. Color analyzer

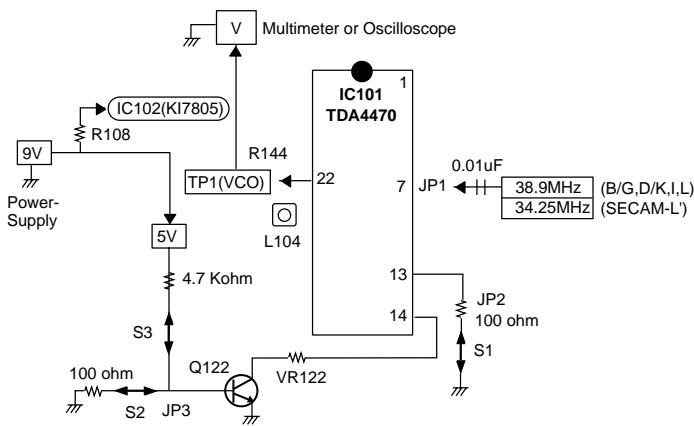


Fig. 1 : Connection Diagram of Equipment for PIF Adjustment

PIF (Picture Intermediate Frequency) Adjustment

Test Point : TP1

Adjust : L104

- 1) Connect the measuring equipment to the Main Board as shown in Fig.1.
- 2) Set RF frequency and output level of RF SIGNAL GENERATOR as shown Table 1.
- 3) Turn off S1 and S3 and on S2.
- 4) Adjust L104 so that the DC voltage may be 2.4 ; 0.05Vdc.

System	Frequency	Modulation	Output level	Adjust
B/G,D/K/I,SECAM-L	38.9MHz	OFF	10mVp-p	L104
SECAM-L'	34.25MHz	OFF	10mVp-p	VR122

(Table 1)

i L' VCO Adjustment (For SECAM-L' MODEL)

Test Point : TP1

Adjust : VR122

- 1) Connect the measuring equipment to the Main Board as shown in Fig.1.
- 2) Set RF frequency and output level of RF SIGNAL GENERATOR as shown Table 1.
- 3) Turn on S1,S3 and off S2.
- 2) Adjust VR122 so that the DC Voltage may be 2.4; 0.05Vdc.

RF AGC (Automatic Gain Control) Adjustment

Test Point : TP 2(J15)

Adjust : VR121

- 1) Input PAL-B/G 05 CH.
- 2) Connect Multimeter to TP2(J15), AGC adjustment point.
- 3) Adjust VR121 until the voltage of Multimeter becomes 2.5 ± 0.1V.

Screen Voltage Adjustment

Test Point : CPT Face

Adjust : Screen Control of FBT

- 1) Tune the RF Modulator to receive a PAL or SECAM signal.
- 2) Press MIX button on remote controller for Service to get into the Screen Adjust Mode.
- 3) Adhere the Color Analyzer on the White window of CPT face.
- 4) Adjust Screen Volume of FBT so that the luminance of White window is 12 ± 1 FL.

i Focus Adjustment

Test Point : Observing Display

Adjust : Focus control of FBT

- 1) Tune the TV set to receive a digital pattern.
- 2) Adjust the upper Focus volume of FBT for the best focus of vertical line B.
- 3) Adjust the lower Focus volume of FBT for the best focus of area A.
- 4) Repeat above step 2) and 3) for the best overall focus.

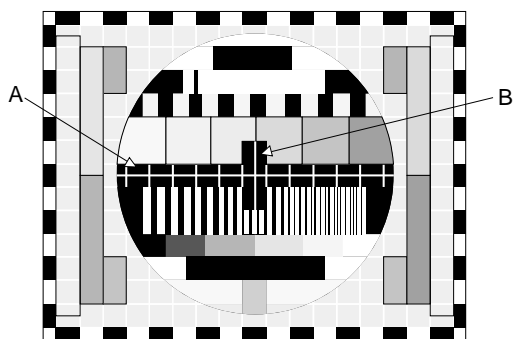


Fig. 2

i Deflection Data Adjustment (Line SVC-2)

NOTE : How to enter into the Line Service Mode with a remocon.

- 1.Power off.
- 2.Press the Red button.
- 3.Press the Green button.
- 4.Press the Yellow button.
- 5.Press the Cyan button.
- 6.Press the OK button.
- 7.Power On.

1. Preparation for Deflection Adjustment

- 1) At SVC mode, press the Yellow colored button the SVC remocon.
And then, deflection data adjustment OSD(SVC2 mode) will be displayed.
- 2) Press Channel UP/DOWN button for desirous function Adjustment.
- 3) Press Volume UP/DOWN button to adjust the data.
- 4) Tune the TV set to receive a PAL B/G Digital pattern.

VL (Vertical Linearity)

Adjust so that the boundary line between upper and lower half is in accord with geometric horizontal center of the CPT.

VA (Vertical Amplitude)

Adjust so that the circle of a digital circle pattern may be located within the effective screen of the CPT.

SC (Vertical "S" Correction)

Adjust so that all distance between each horizontal lines are to be the same.

VS (Vertical Shift)

Adjust so that the horizontal center line of a digital circle pattern is in accord with geometric horizontal center of the CPT.

HS (Horizontal Shift)

Adjust so that the vertical center line of a digital circle pattern is in accord with geometric vertical center of the CPT.

EW (Horizontal Width)

Adjust to that a digital circle pattern looks like exact circle.

EP (East-west Parabolic)

Adjust so that middle portion of the outermost left and right vertical line looks like parallel with vertical lines of the CPT.

EC (East-west Coner)

Adjust so that the vertical line at every 4 corners of the screen looks like parallel with the vertical lines of the CPT.

ET (East-west Trapezium)

Adjust to make the length of top horizontal line same with it of the bottom horizontal line.

POP (POP Position)

Adjust until the distance between POP and main picture becomes about 1mm.

Menu	Range	29" Flat	29" S-Flat
VS	0600H~0900H	07D2	
VA	0050H~00CFH	0095	
VL	0025H~00BFH	0001	
SC	0000H~009FH	00D9	
HS	0000H~003FH	001E	
EW	0400H~0EFFH	0A9D	
ET	0700H~08FFH	07FF	
EP	06E0H~0840H	0787	
ES	06A0H~0AFFH	0815	
EC	0790H~08E0H	0850	
POP P	0790H~08E0H	000B	

(Table 2)

i White Balance Adjustment.(LINE SVC 1)

NOTE : This adjustment should be performed after screen voltage adjustment.

- 1) Tune the TV set to receive an 100% white pattern.
- 2) Press the Yellow button on remote controller in the SVC Mode.
- 3) Press PSM (RED) button on remote controller. (Standard picture)
- 4) Press PR+ or PR- button for desirous function adjustment.
- 5) Adjust Low Light status of CR and CB with VOL+ or VOL- at CG:50 until X=268; 8, Y=273; 8.
- 6) Adjust High Light status of RG and BGB with VOL+ or VOL- at CG:370 until X=268; 8, Y=273; 8.
- 7) Repeat above step 5) and 6) until each status of High Light and Low Light for X=288; 8, Y=295; 8 with color analyzer(color temperature 9000°K).

Menu	Range	DATA
CR	0 ~ 511	50
CG	0 ~ 511	50
CB	0 ~ 511	50
RG	0 ~ 511	370
GG	0 ~ 511	370
BG	0 ~ 511	370

(Table 3)

i SVC Data & PSM,SSM Data.

Table 1. ABL Data (LINE SVC-3)

Menu	Range	29" Flat	29" S-Flat
DVCO			
IBRM	0~1FFH	00C8	
WDRM	0~3FFH	0190	
BCLTH	0~7FFH	0065	
BCLTM	0~1FFH	000B	
BCLGA	0~1FFH	0007	
SVGA		0008	
SVDEL		0005	
SVD1		0003	
LDLY		0001	
HBST	0~01FF	00F0	
HBSO	0~01FF	0158	

Table 2. SOUND PRE-SCALER (LINE SVC-4)

Menu	Range	DATA
FP	0~127	0011
NP	0~127	0045
SP	0~127	001E
S1 VOL	0~127	0042
S2 VOL	0~127	0042

Table 3. PSM Data

Mode	STANDARD	DYNAMIC	MILD	GAME
CONTRAST	90	100	60	50
BRIGHT	50	55	60	60
COLOR	50	60	40	40
SHARPNESS	50	60	40	30

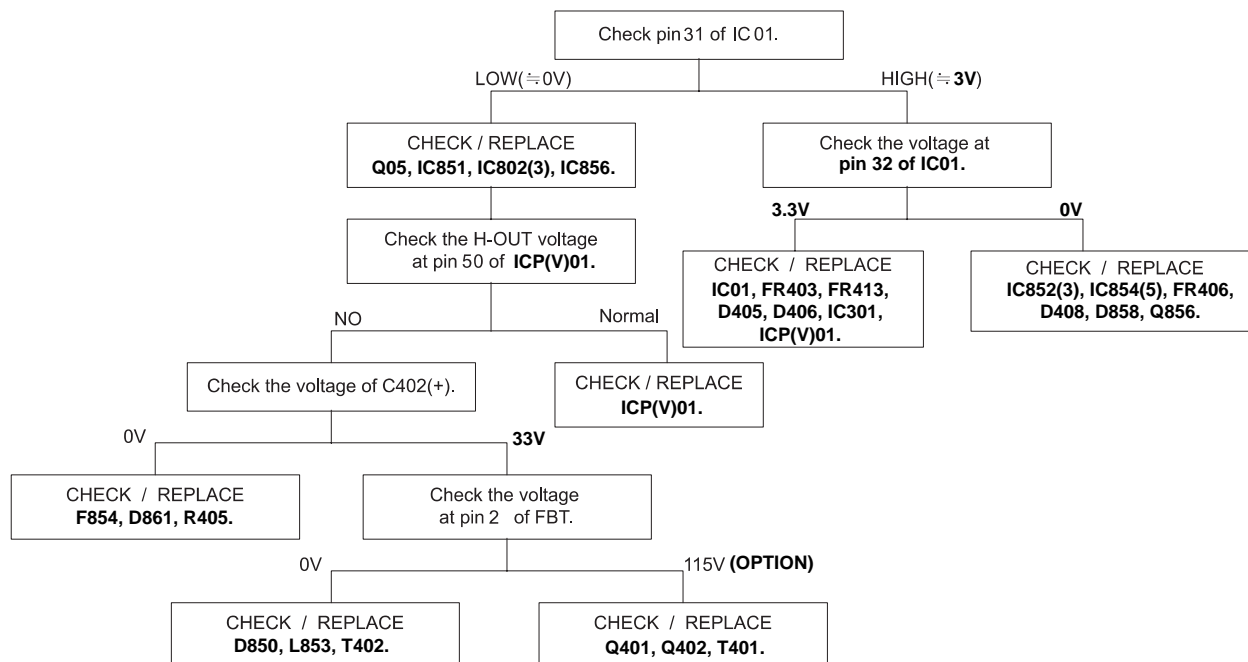
i **OPTION Adjustment (LINE-SERVICE OPTION)**

Table 4. OPTION Function

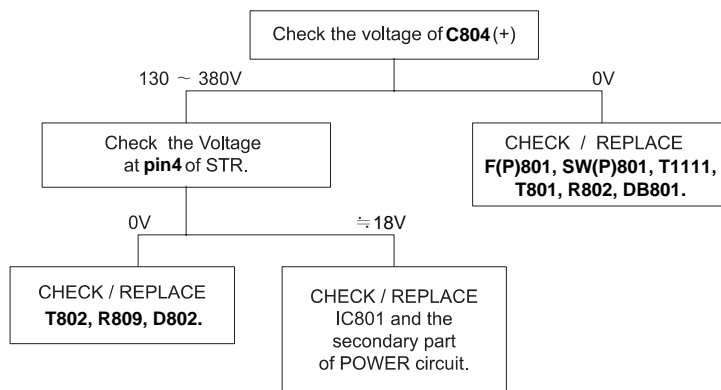
Menu	OPTION	1	0
Option 1	GAME	GAME	X
	TEXT	TEXT	X
	TOP	TOP	X
	ACMS		Australia Only
	CH+AU	China,Australia	
	EYE	EYE	X
	TURBO	Turbo Search	X
	SCART	SCART	X
Option 2	A2 ST	STEREO	X
	I II SV	I/II	X
	MONO	MONO	X
	VOL	Middle East Africa,India VOL.	Normal VOL.
	H-PH	H/Phone	
	DGS	Degaussing	X
	TILT	TILT	
	200PRO	China Only	X
Option 3	AV2	Back:JACK(2EA)	Back:JACK(1EA)
	HOTEL	HOTEL	X
	KEY		
	SYS		
	M-VOL		
Option 4	OSD		
	T-LAN		

Trouble Shooting

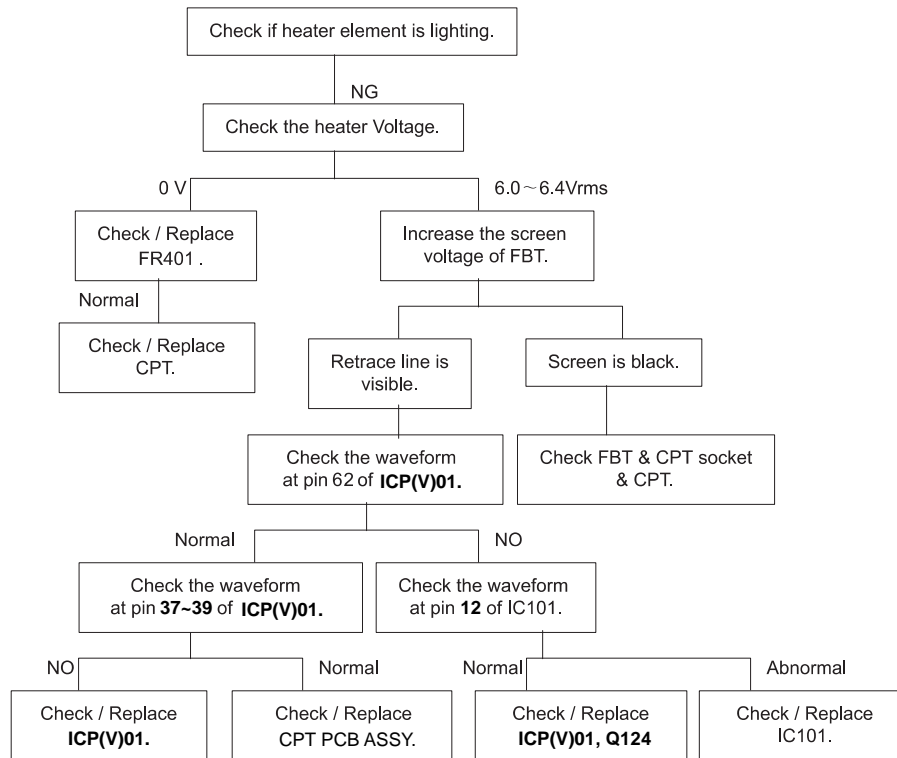
NO POWER ON BUT SMPS WORKING



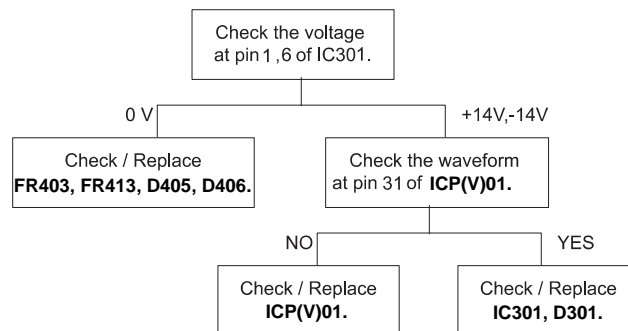
NO POWER (NOT WORKING SMPS)



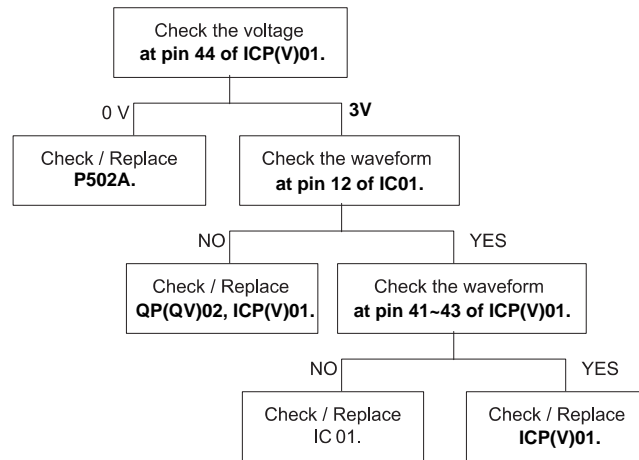
NO RASTER & PICTURE (H-OUT OK)



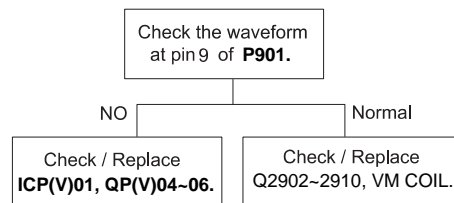
NO VERTICAL DEFLECTION



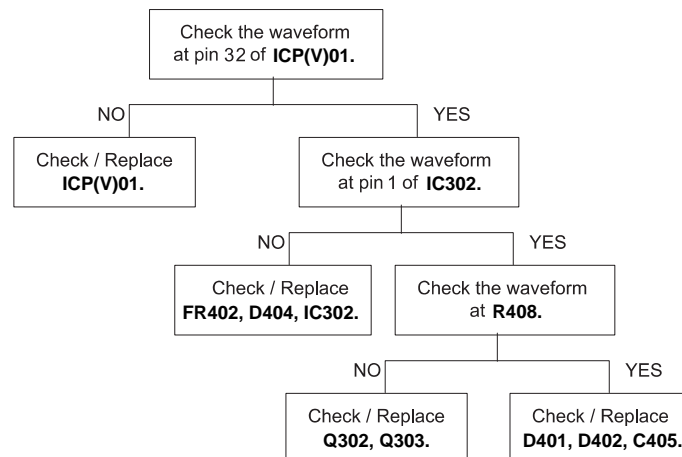
NO TELETEXT



VM DON'T WORKING

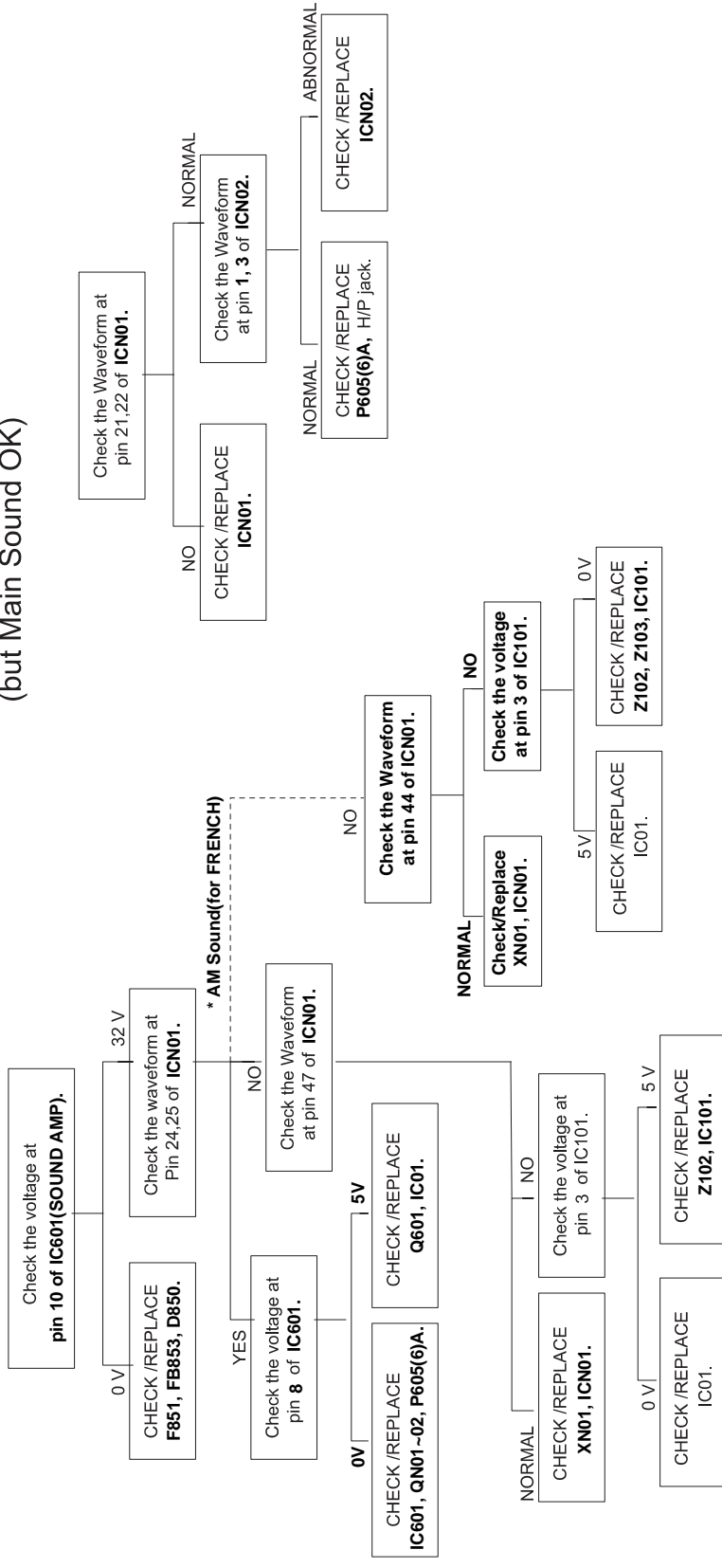


BARREL DISTORTION

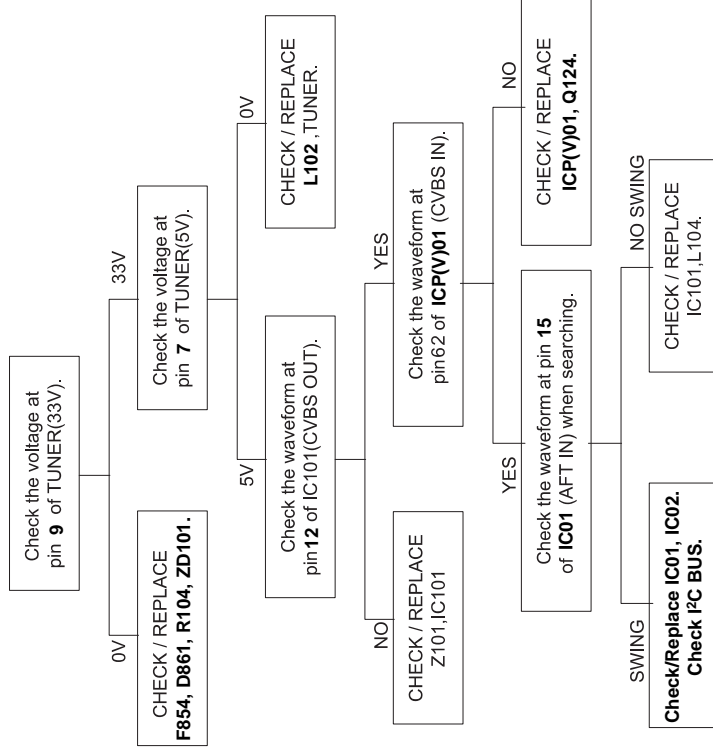


NO SOUND(PICTURE OK)

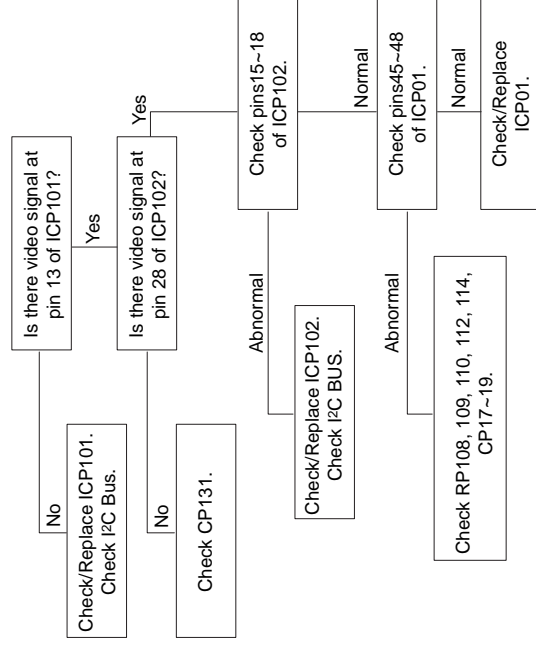
NO SOUND FROM H/P jack(OPTION)
(but Main Sound OK)



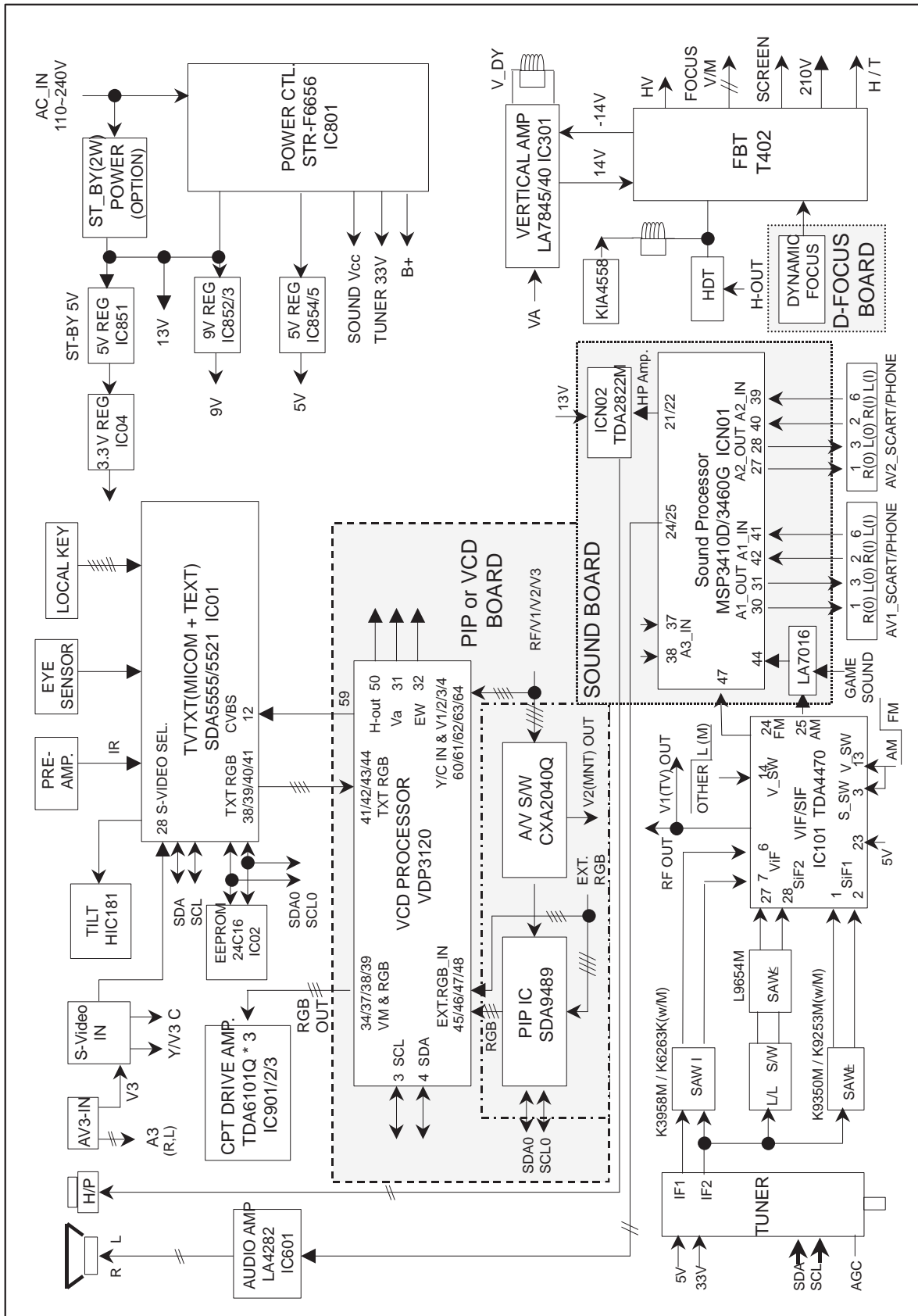
DON'T CATCH CHANNEL



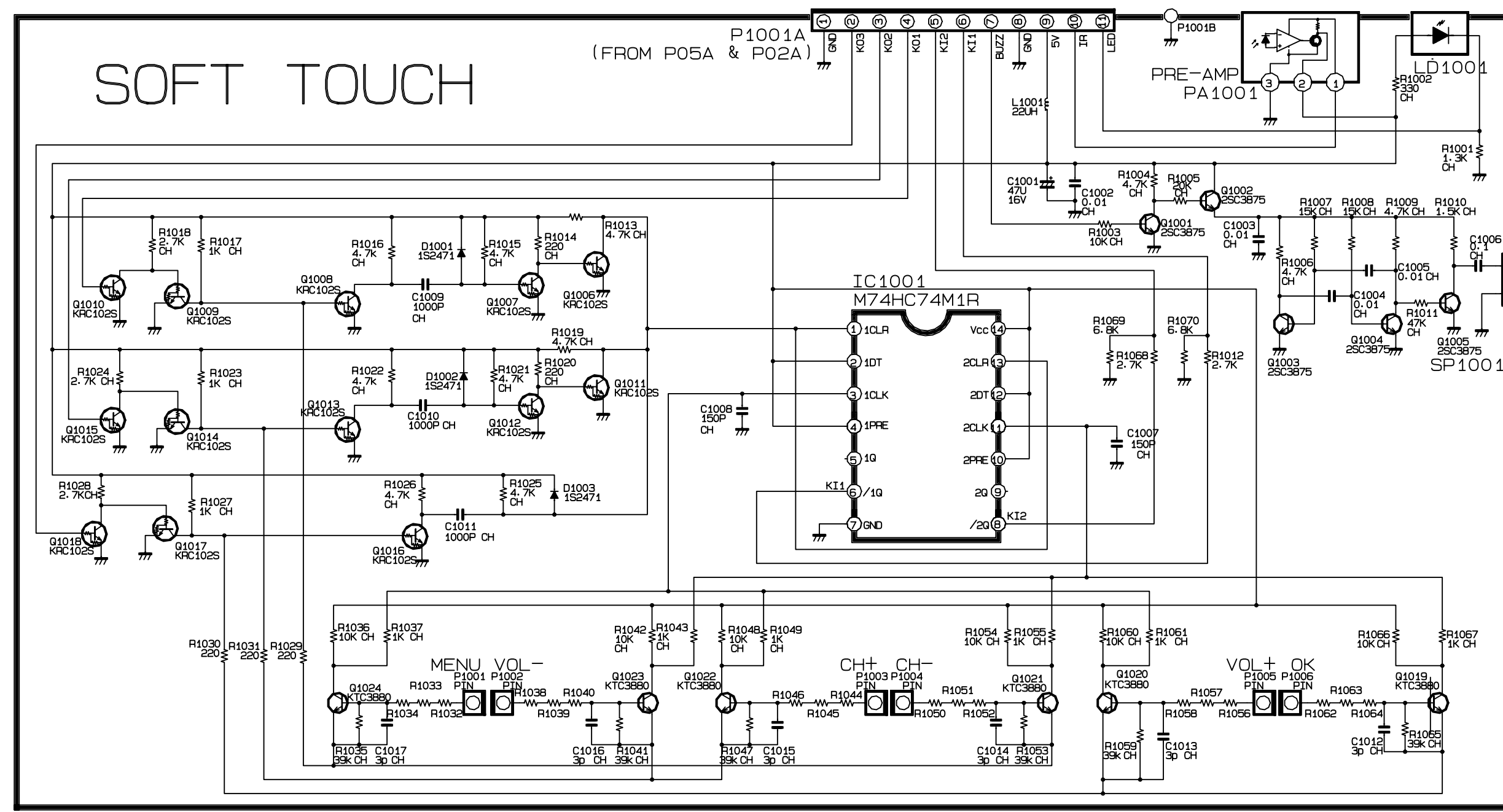
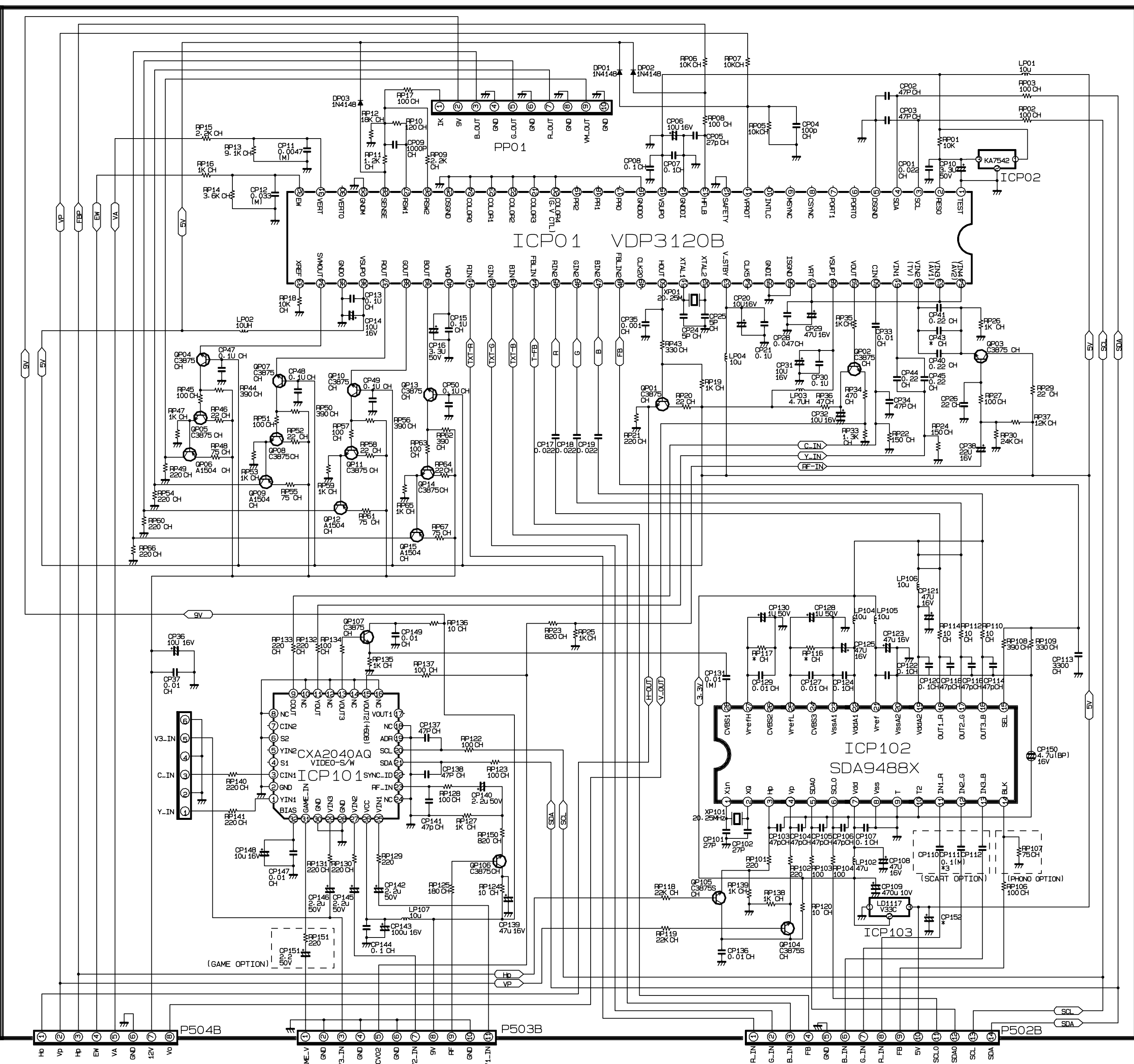
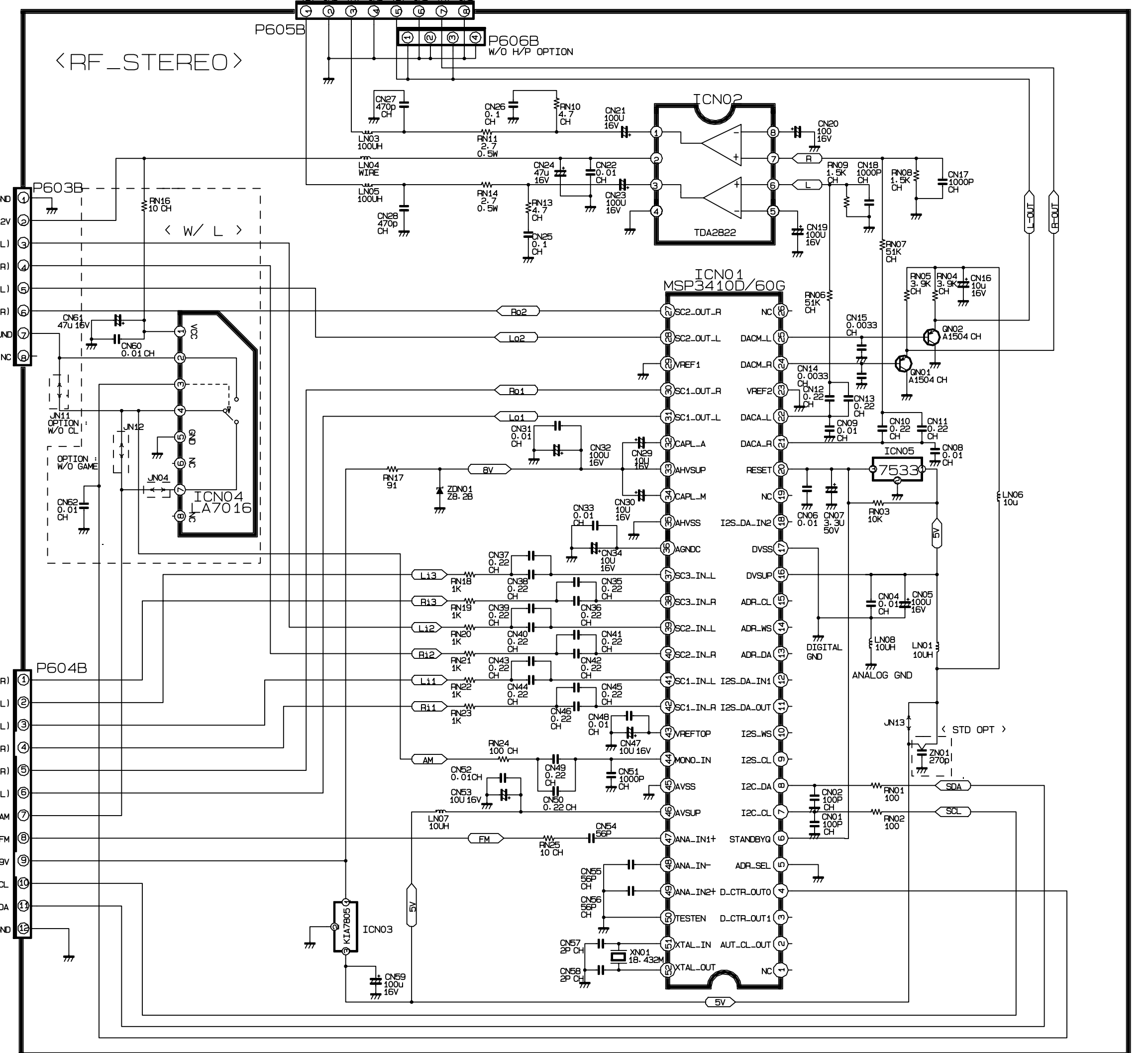
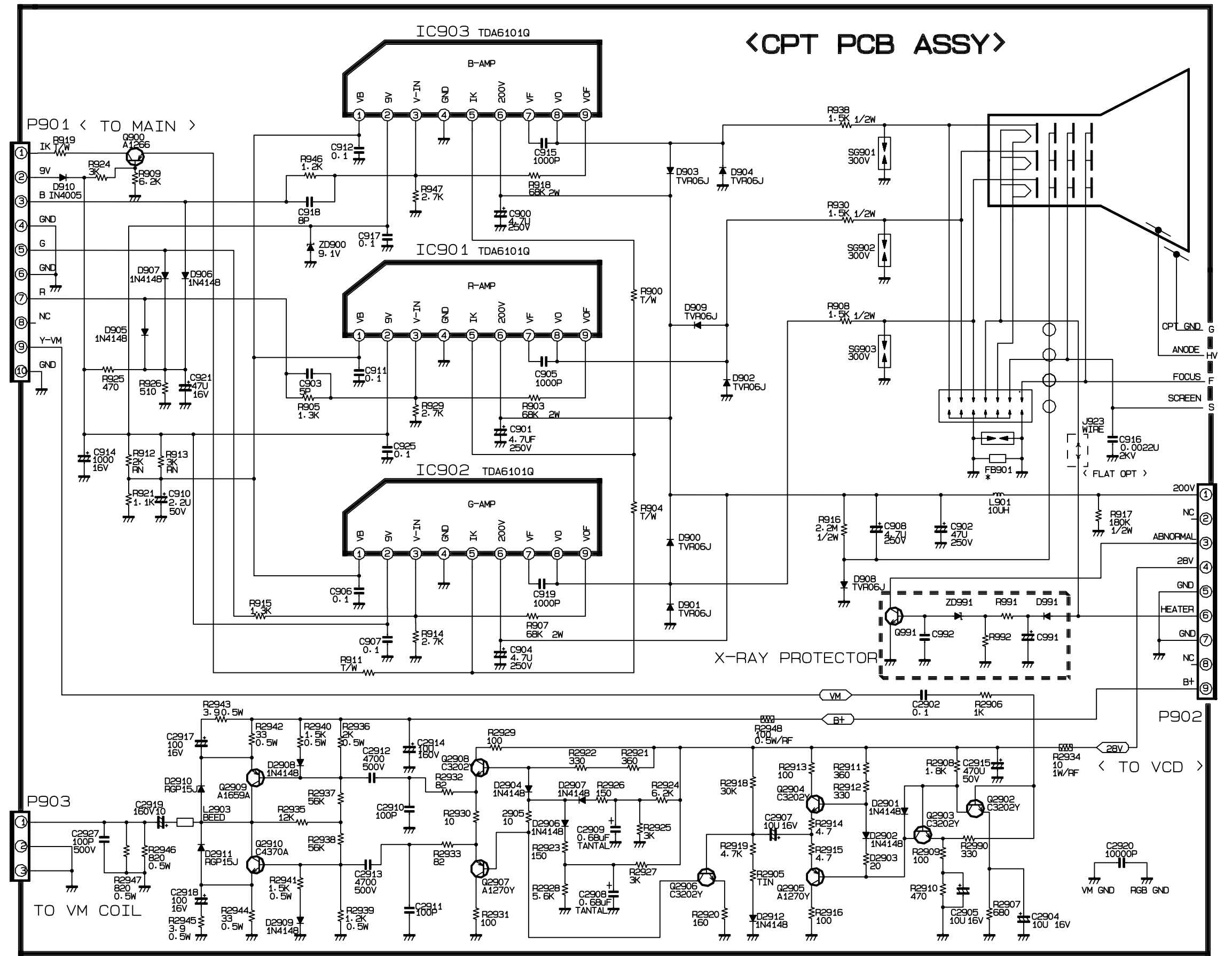
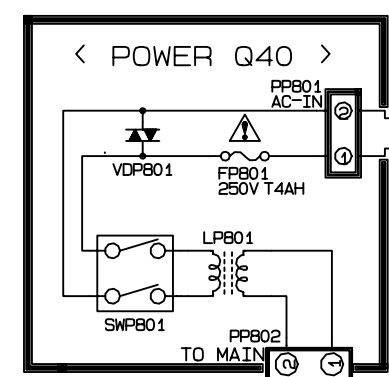
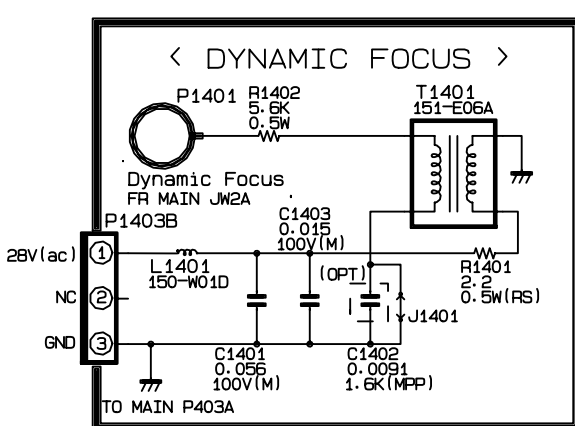
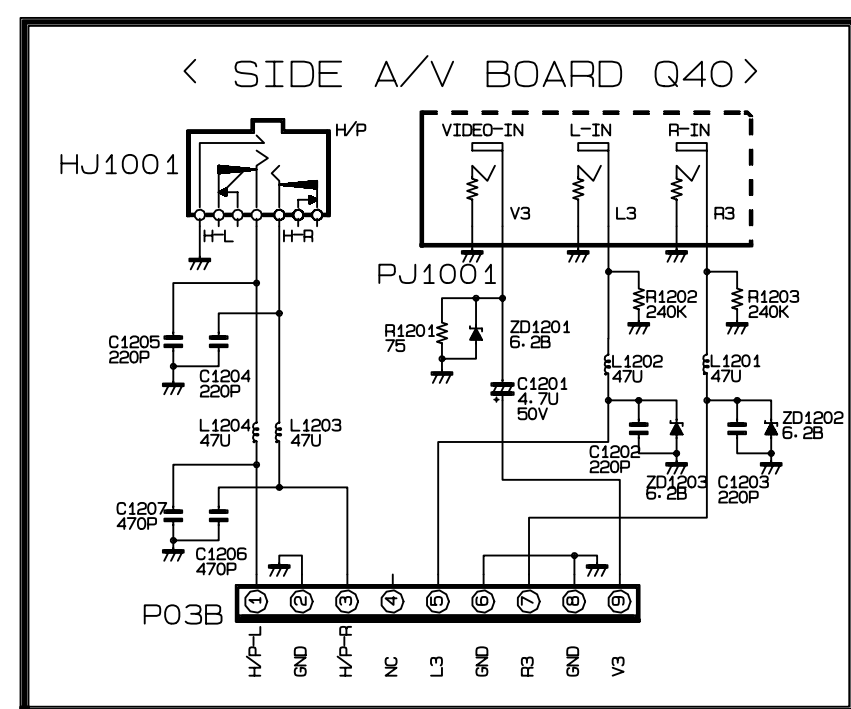
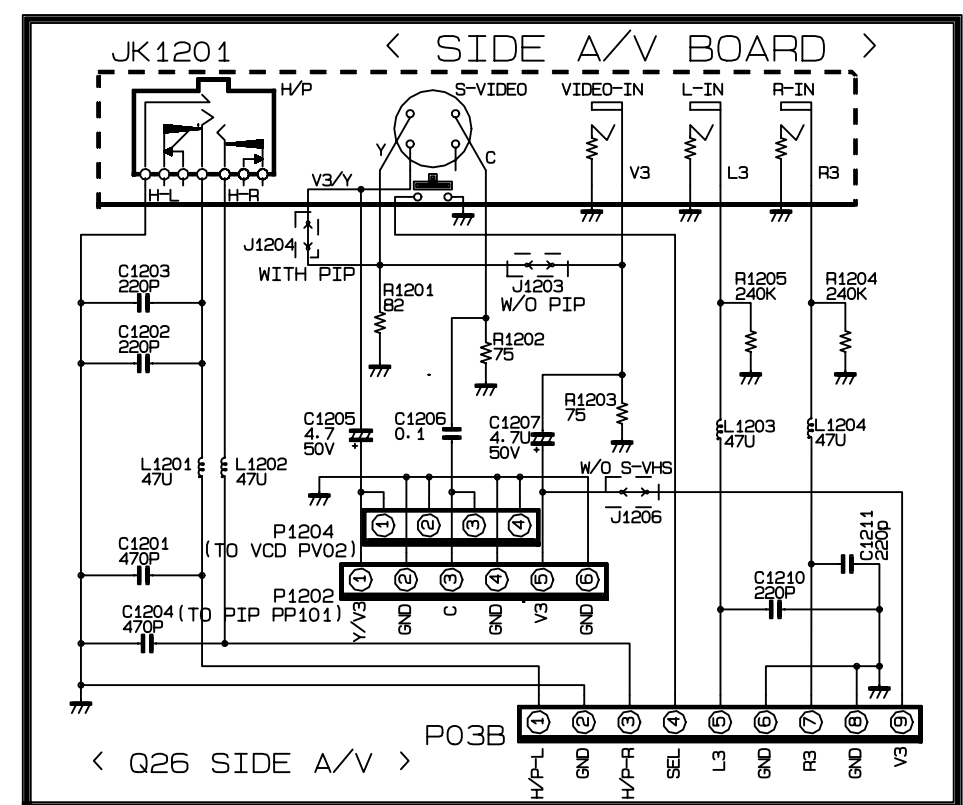
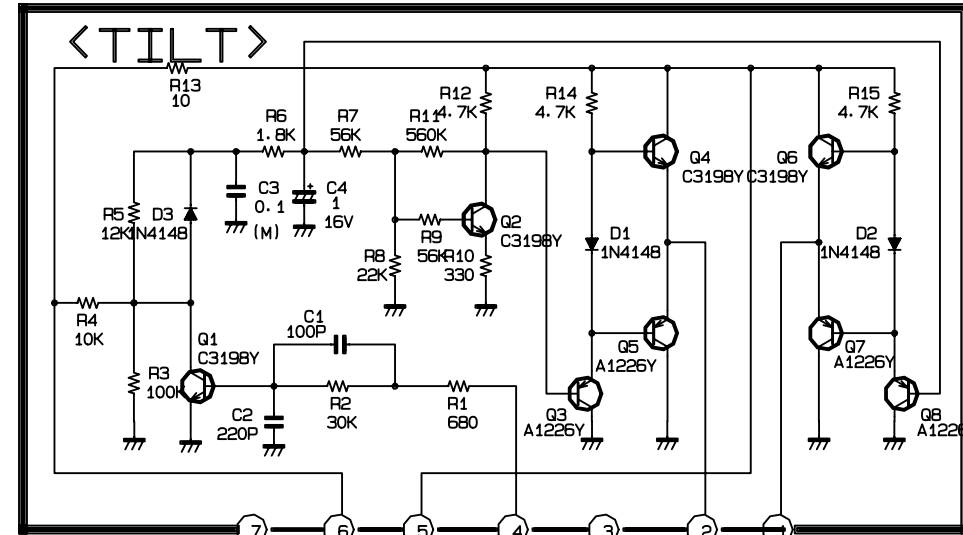
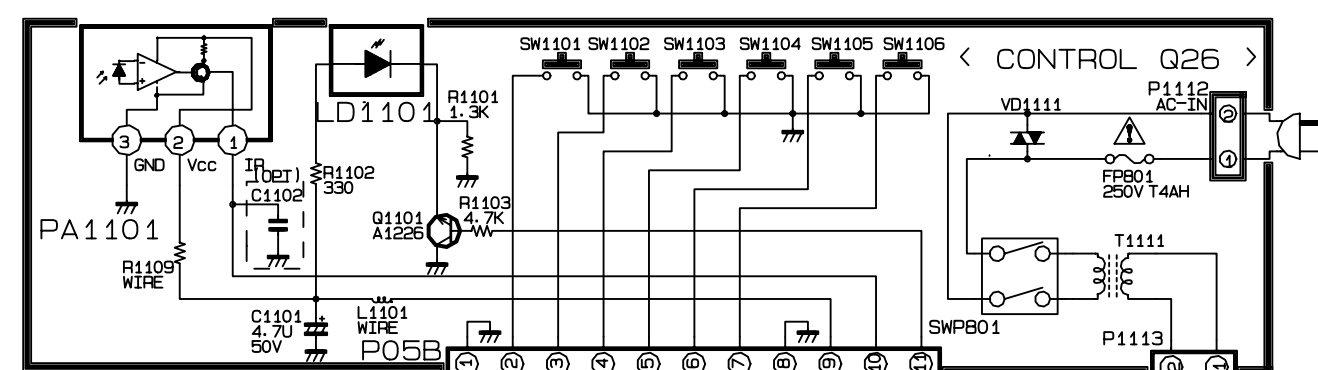
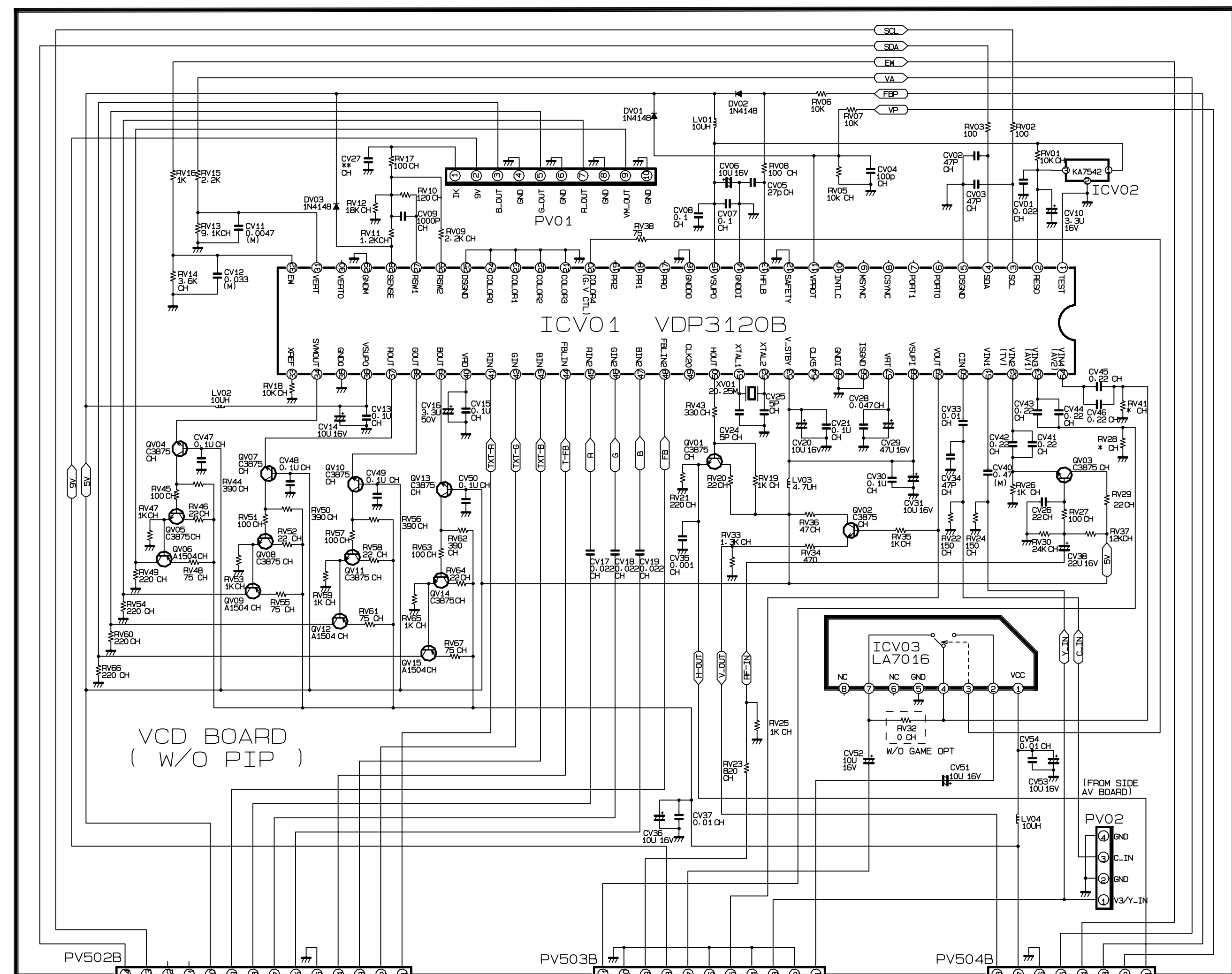
NO PIP



Block Diagram

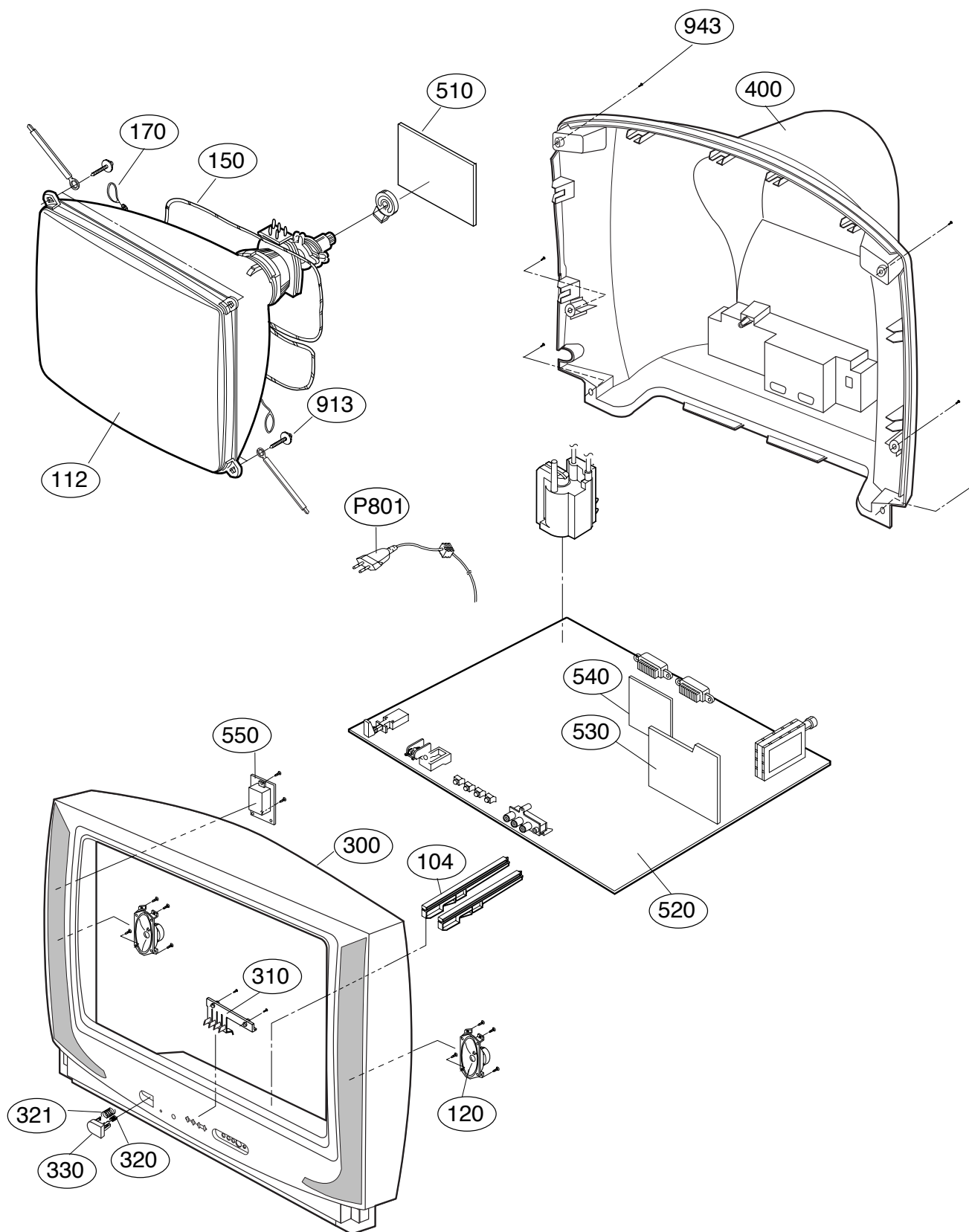


P/No : 3854VA0071A-S1
2000.06.15



P/No : 3854VA0071A-S2
2000.06.15

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

The components identified by mark Δ is critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTIONS
104	343-B52A	SUPPORTER,PCB
Δ 112	112-C28G	CPT SET,A66EAK071*11(PHILIPS)28"
120	120-C77K	SPEAKER,GENERAL C122P02K145E 8 OHM
Δ 150	6140VC2001G	COIL,DEGAUSSING CU 28" 50TURN 14 OHM .
Δ 170	170-844J	LEAD SET,CPT EARTH
300	3106V00073H	CABINET UNIT MA LOCAL
310	5020V00226A	BUTTON,CONTROL 4KEY
320	320-062J	SPRING,KNOB
321	320-062C	SPRING,KNOB
330	5020V00227A	BUTTON,POWER
400	3809V00099D	BACK COVER ASSY MA LOCAL
510	6871VSM728B	PWB ASSY,CPT 28" PHILPS,STV5109 SE
520	6871VMM635F	PWB ASSY,MAIN 007A
530	6871VSM819A	PWB ASSY,007A VCD W/O(PIP,SVHS & S
540	6871VSM589A	PWB ASSY,STRO MC007A RF ST.W/ H_PHONE
550	6871VSM842A	PWB ASSY,CURRENT HARMONICS STANDARD
913	332-229B	SCREW DRAWING ASSY,HEXAGON HEAD SPECIAL
943	1PTF0403116	SCREW,TAP TITE(P) D4.0 L16.0 MSWR3/FZB
Δ P801	174-009U	CORD,POWER(W/HOLD,HOUSING)L=350,4.0
	174-224G	POWER CORD ASSY

The components identified by mark Δ are critical for safety.
Replace only with part number specified.

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC		
D850	0ISK100300A	IC,SLA1003 SIP12 BK DIODE MODULE(
ICV01	0IIT312000A	IC,VDP3120B 64P SDIP BK VCD IC (5
ICN01	0IIT341000J	IC,MSP3410D-C5 52P SDIP BK MULTI
IC01	0ISM555000B	IC,SDA555XFL 52DIP ST FLASH MEMOR
"	0ICTMIH001A	IC,SDA5555-A006(LG8003-28A) W/TXT from2001.2
"	0ICTMIH002A	IC,SDA5525-A004(LG8003-29A) W/O TXT from2001.2
IC02	0IAL241610B	IC,AT24C16-10PC-2.7 8PIN DIP ST E
ICV02	0IFA754207A	IC,KA75420ZTA(KA7542ZTA) 3P,TO-92
ICN02	0ISG282200A	IC,TDA2822M 8D DUAL AUDIO AMP(1W)
IC03	0IFA752700A	IC,KA75270Z 3 TP RE-SET IC MC-007
ICN03	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC04	0ISG111733B	IC,LD1117V33C 3SIP ST REGULATOR
ICN05	0IFA753307A	IC,KA75330ZTA(KA7533ZTA) 3P,TO-92
IC101	0ITF447000A	IC,TDA4470M 28P,SDIP BK VIF+SIF
IC102	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC301	0ISA784070A	IC,LA7840 7S VERTICAL
IC302	0IKE455800E	IC,KIA4558 8DIP DUAL OP AMP
IC601	0ISA428200A	IC,LA4282 12S 2CHX10W AUDIO AMP
IC801	0ISK665613B	IC,STR-F6656(LF1352) 5P,SIP BK ST
IC803	0ILI817000G	IC,LTV817M-VB 4P,DIP BK PHOTO COU
IC851	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC853	0ISH092100B	IC,PQ09RD21 4SIP ST REGULATOR
IC855	0ISS278050A	IC,KA278R05 4P,TO-220F BK LOW DRO
IC856	0ISK140000A	IC,SE140N 3P 130V ERROR AMP
IC901	0ISG510900A	IC,STV5109 15SIP ST RGB DRIVE
Q07	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q08	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
DIODE		
D01	0DD414809ED	DIODE,1N4148 TA
D02	0DD414809ED	DIODE,1N4148 TA
D03	0DD414809ED	DIODE,1N4148 TA
D04	0DD414809ED	DIODE,1N4148 TA
D101	0DD414809ED	DIODE,1N4148 TA
D301	0DD150009CE	DIODE,RECTIFIER GP15J TP(1.5A/600V)
D302	0DD247109AA	DIODE,DETECTOR 1S2471DETECT SW
D401	0DD410000AC	DIODE,RECTIFIER RU4DS,LF-L1
D402	0DD410000AD	DIODE,RECTIFIER RU4AM,LF-L1
D403	0DD150009CA	DIODE,RECTIFIER RGP15J,TP(52MM)
D404	0DR150009AB	DIODE,RECTIFIER RGP15G TP
D405	0DR150009AB	DIODE,RECTIFIER RGP15G TP
D406	0DR150009AB	DIODE,RECTIFIER RGP15G TP
D407	0DD414809ED	DIODE,1N4148 TA
D408	0DD100009AE	DIODE,RECTIFIER RU1A V(1) TP
D412	0DD414809ED	DIODE,1N4148 TA
D601	0DD414809ED	DIODE,1N4148 TA
D602	0DD414809ED	DIODE,1N4148 TA
D802	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D803	0DD100009AM	DIODE,RECTIFIER EU1ZV(1) TP
D804	0DD414809ED	DIODE,1N4148 TA
D851	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS

LOCA. NO	PART NO	DESCRIPTION
D852	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D853	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D854	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D855	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D856	0DD414809ED	DIODE,1N4148 TA
D857	0DD414809ED	DIODE,1N4148 TA
D859	0DD420000BB	DIODE,D4L20U SHINDENGEN
D861	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D863	0DD414809ED	DIODE,1N4148 TA
D864	0DD414809ED	DIODE,1N4148 TA
D865	0DD414809ED	DIODE,1N4148 TA
D901	0DD414809ED	DIODE,1N4148 TA
D902	0DD414809ED	DIODE,1N4148 TA
D903	0DD414809ED	DIODE,1N4148 TA
D904	0DD400309AD	DIODE,RECTIFIER IN4003A RECT K-ROHM TP
D905	0DD414809ED	DIODE,1N4148 TA
D906	0DD414809ED	DIODE,1N4148 TA
D907	0DD414809ED	DIODE,1N4148 TA
DB801	0DD560000AA	DIODE,RECTIFIER D5SB60 BRIDGE(5A/600V)
DV01	0DD414809ED	DIODE,1N4148 TA
DV02	0DD414809ED	DIODE,1N4148 TA
DV03	0DD414809ED	DIODE,1N4148 TA
LD01	4930V00048A	HOLDER,DIODE LED ASSY
ZDN01	0DZ820009AH	DIODE,ZENER MTZJ8.2B TP ROHM-K
ZD101	0DZ330009BA	DIODE,ZENER HZT33(TP) HITACHI
ZD201	0DZ330009CC	DIODE,ZENER MTZJ3.3B TP ROHM-K
ZD202	0DZ680009BB	DIODE,ZENER MTZJ6.8B TP ROHM-K
ZD203	0DZ680009BB	DIODE,ZENER MTZJ6.8B TP ROHM-K
ZD301	0DZ180009BE	DIODE,ZENER GDZJ18B TP GRANDE D
ZD302	0DZ560009AH	DIODE,ZENER GDZJ5.6B TP GRANDE
ZD303	0DZ180009BE	DIODE,ZENER GDZJ18B TP GRANDE D
ZD401	0DZ510009AB	DIODE,ZENER MTZ5.1B,TP(52MM),RO
ZD402	0DZ510009AB	DIODE,ZENER MTZ5.1B,TP(52MM),RO
ZD901	0DZ180009BE	DIODE,ZENER GDZJ18B TP GRANDE D
TRANSISTOR		
Q02	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q03	0TR102009AB	TR,KRC102M,TP(KRC1202),KEC
Q04	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q05	0TR102009AB	TR,KRC102M,TP(KRC1202),KEC
Q06	0TR126609AA	TR,KTA1266-TP-Y (KTA1015) KEC
Q123	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q125	0TR319709AB	TR,KTC3197,TP(KTC388A),KEC
Q126	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q201	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q221	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q301	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q302	0TR205900AB	TR,KTD2059-Y TO-220IS KEC
Q303	0TR127409AB	TR,KTA1274-Y TO-92L TP KEC
Q401	0TR258100AA	TR,2SD2581 BK SANYO TO3P -
Q402	0TR223800AA	TR,KTC2238A-Y
Q601	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q851	0TR945009AA	TR,KSC945C-Y TP SAMSUNG

For Capacitor & Resistors,
the characters at 2nd and 3rd
digit in the P/No. means as
follows;

CC, CX, CK, CN : Ceramic
CQ : Polyester
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

The components identified by mark Δ are
critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTION
Q852	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC
Q853	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q857	0TR320209AA	TR,KTC3202-TP-Y (KTC1959)KEC
Q901	0TR126609AA	TR,KTA1266-TP-Y (KTA1015) KEC
QN01	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
QN02	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
QV01	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV02	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV03	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV07	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV08	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV09	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
QV10	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV11	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV12	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
QV13	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV14	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
QV15	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
CAPACITOR		
C01	0CE476DD618	47UF STD 10V 20% FL TP 5
C02	0CN1030F679	10000P 16V M Y TA52
C03	0CX6200K409	62P 50V J SL TA52
C04	0CX6200K409	62P 50V J SL TA52
C05	0CN1030F679	10000P 16V M Y TA52
C06	0CE107DD618	100UF STD 10V M FL TP5
C08	0CN1030F679	10000P 16V M Y TA52
C09	0CN1030F679	10000P 16V M Y TA52
C10	0CE106DK618	10UF STD 50V M FL TP5
C11	0CE106DK618	10UF STD 50V M FL TP5
C12	181-007D	MPE ECQ-V1H154JL3(TR), 50V 0.1
C14	0CN1040K949	0.1M 50V Z F TA52
C17	0CN1010K519	100P 50V K B TA52
C18	0CE476DF618	47UF STD 16V M FL TP5
C19	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C20	0CE476DD618	47UF STD 10V 20% FL TP 5
C21	0CE107DD618	100UF STD 10V M FL TP5
C22	0CN1030F679	10000P 16V M Y TA52
C24	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C25	0CN1020K519	1000P 50V K B TA52
C26	0CC3300K415	33P 50V J NP0 TP
C27	0CC3300K415	33P 50V J NP0 TP
C29	0CN1030F679	10000P 16V M Y TA52
C30	0CE106DK618	10UF STD 50V M FL TP5
C31	0CE106DK618	10UF STD 50V M FL TP5
C32	0CN1030F679	10000P 16V M Y TA52
C33	0CN1030F679	10000P 16V M Y TA52
C34	0CN1030F679	10000P 16V M Y TA52
C101	0CE476DK618	47UF STD 50V M FL TP5
C103	0CN1030F679	10000P 16V M Y TA52
C104	0CE227DD618	220UF STD 10V M FL TP5
C105	0CX3300K409	33P 50V J SL TA52

LOCA. NO	PART NO	DESCRIPTION
C106	0CX3300K409	33P 50V J SL TA52
C108	0CE106DF618	10UF STD 16V M FL TP5
C109	0CE335DK618	3.3UF STD 50V 20% FL TP 5
C110	0CN1040K949	0.1M 50V Z F TA52
C112	0CN1020K519	1000P 50V K B TA52
C113	0CE476DD618	47UF STD 10V 20% FL TP 5
C115	0CN1030F679	10000P 16V M Y TA52
C121	0CN1030F679	10000P 16V M Y TA52
C122	0CN1030F679	10000P 16V M Y TA52
C125	0CN1040K949	0.1M 50V Z F TA52
C126	0CN1030F679	10000P 16V M Y TA52
C127	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
C128	0CE106DF618	10UF STD 16V M FL TP5
C129	0CN1030F679	10000P 16V M Y TA52
C130	0CSZVTA001F	TAP684K035BRS(AMMO)35V 0.68UFK
C131	0CN1030F679	10000P 16V M Y TA52
C132	0CN1030F679	10000P 16V M Y TA52
C134	0CE476DD618	47UF STD 10V 20% FL TP 5
C135	0CN1040K949	0.1M 50V Z F TA52
C136	0CE226DF618	22UF STD 16V M FL TP5
C137	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
C138	0CN1040K949	0.1M 50V Z F TA52
C139	0CE104DK618	0.1000UF STD 50V M FL TP5
C140	0CN1030F679	10000P 16V M Y TA52
C141	0CE107DD618	100UF STD 10V M FL TP5
C147	0CX4700K409	47P 50V J SL TA52
C148	0CX4700K409	47P 50V J SL TA52
C149	0CE106DF618	10UF STD 16V M FL TP5
C183	0CE108DF618	1000UF STD 16V M FL TP5
C201	0CE227DF618	220UF STD 16V M FL TP5
C202	0CN1010K519	100P 50V K B TA52
C203	0CN4710K519	470P 50V K B TA52
C204	0CN4710K519	470P 50V K B TA52
C205	0CN1010K519	100P 50V K B TA52
C206	0CN4710K519	470P 50V K B TA52
C207	0CN4710K519	470P 50V K B TA52
C208	0CE226DF618	22UF STD 16V M FL TP5
C209	0CE226DF618	22UF STD 16V M FL TP5
C221	0CE476DF618	47UF STD 16V M FL TP5
C222	0CE227DF618	220UF STD 16V M FL TP5
C223	0CN1010K519	100P 50V K B TA52
C224	0CN4710K519	470P 50V K B TA52
C225	0CN4710K519	470P 50V K B TA52
C226	0CN1010K519	100P 50V K B TA52
C227	0CN4710K519	470P 50V K B TA52
C228	0CN4710K519	470P 50V K B TA52
C229	0CE226DF618	22UF STD 16V M FL TP5
C230	0CE226DF618	22UF STD 16V M FL TP5
C241	0CX4700K409	47P 50V J SL TA52
C244	0CN1010K519	100P 50V K B TA52
C245	0CN1010K519	100P 50V K B TA52
C249	0CN1030F679	10000P 16V M Y TA52

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LOCA. NO	PART NO	DESCRIPTION
C302	0CQ3341N401	0.33U 100V J POLY F5
C303	0CE107BK618	100UF KME 50V M FL TP5
C304	0CQ6821N509	0.0068U 100V K POLY
C305	0CQ1021N509	0.001U 100V K POLY
C306	0CQ1031N509	0.01U 100V K POLY
C307	0CQ1031N509	0.01U 100V K POLY
C308	0CE476DJ618	47UF STD 35V M FL TP5
C309	0CN4710K519	470P 50V K B TA52
C310	0CQ1031N509	0.01U 100V K POLY
C311	0CQ1031N509	0.01U 100V K POLY
C401	0CE474DK618	0.4700UF STD 50V M FL TP
C402	0CE475DK618	4.7UF STD 50V 20% FL TP
C403	0CK2220W515	2200P 500V K B TS
C405	181-014P	MPP 1600V 0.012UF J
C406	181-091G	DE0907-486 R 471K 2KV T
C407	181-010A	PP 400V 0.022UF J
C408	0CE5651K652	5.6UF SM,SA 50V 20% FM7.
C409	0CK2220W515	2200P 500V K B TS
C410	0CE106BR618	10UF KME 250V M FL TP5
C411	181-013Z	MPP 400V 0.30UF J
C412	0CK6810W515	680P 500V K B
C413	0CE107DJ618	100UF STD 35V M FL TP5
C414	181-091P	1KV SL 271J TP5
C415	0CE108BH618	1000UF KME 25V M FL TP5
C416	181-009R	PP 200V 0.022UF K
C417	0CK2710W515	270P 500V K B
C419	0CE108DH618	1000UF STD 25V M FL TP5
C420	181-010B	PP 400V 0.056UF J
C421	0CK2710W515	270P 500V K B
C422	0CE106DR618	10UF STD 250V M FL TP5
C517	0CQ1531N509	0.015U 100V K POLY
C518	0CQ1531N509	0.015U 100V K POLY
C519	0CQ1531N509	0.015U 100V K POLY
C520	0CN1030F679	10000P 16V M Y TA52
C601	0CE107DH618	100UF STD 25V M FL TP5
C602	0CE684DK618	0.68UF STD 50V 20% FL TP
C603	0CQ5621N509	0.0056U 100V K POLY
C604	0CE107DH618	100UF STD 25V M FL TP5
C605	0CE684DK618	0.68UF STD 50V 20% FL TP
C606	0CQ5621N509	0.0056U 100V K POLY
C607	0CE107DH618	100UF STD 25V M FL TP5
C608	0CQ1041N509	0.1U 100V K POLY
C609	0CE477DJ618	470UF STD 35V 20% FL TP
C610	0CQ1041N509	0.1U 100V K POLY
C611	0CE477DJ618	470UF STD 35V 20% FL TP
C612	0CN1040K949	0.1M 50V Z F TA52
C613	0CE477DK618	470UF STD 50V 20% FL TP
C614	0CE477DH618	470UF STD 25V M FL TP5
C802	0CQZVBK002D	A.C 275V 0.47UF K (S=22.
C803	181-091G	DE0907-486 R 471K 2KV T
C804	181-001F	CE 400V 220UF M LUG (85)
C806	181-011C	PP 1600V 0.0015UF J

LOCA. NO	PART NO	DESCRIPTION
C807	181-091G	DE0907-486 R 471K 2KV T
C808	0CE107BJ618	100UF KME 35V M FL TP5
C809	0CK1020K515	1000P 50V K B
Δ C811	181-120K	2200PF 4KV M E FMTW LEAD
C813	0CK10201515	1000P 1KV K B TS
C814	0CQZVBK002A	A.C 275V 0.1UF M (S=15)
C815	181-091Q	1KV R 471K TP5
C817	0CK22201510	2200P 1KV K B S
C851	0CK1020W515	1000P 500V K B
C852	0CK1020W515	1000P 500V K B
C853	0CE477DF618	470UF STD 16V 20% FL TP
C854	0CE107DF618	100UF STD 16V M FL TP5
C855	0CE107DD618	100UF STD 10V M FL TP5
C856	0CK47101515	470P 1KV K B TS
C857	0CE228DF618	2200UF STD 16V M FL TP5
C858	0CE477DF618	470UF STD 16V 20% FL TP
C859	0CK47101515	470P 1KV K B TS
C860	0CE108BF618	1000UF KME 16V M FL TP5
C861	0CE108BF618	1000UF KME 16V M FL TP5
C862	0CE475CK636	4.7UF SHL,SD 50V 20% FM5
C863	181-091Q	1KV R 471K TP5
C864	0CE108DK61A	1000UF STD 50V M FL TP7.
C866	0CK4710W515	470PF 500V K B TR
C867	0CE227DK618	220UF STD 50V M FL TP5
C870	181-091D	DE0905-979 R 102K 1KV T
C871	0CE2276Q650	220UF SMS 200V M FM7.5 B
C872	0CE107BQ650	100UF KME 200V M FM7.5 B
Δ C873	0CQ1041N509	0.1U 100V K POLY
C901	0CX1500K409	15P 50V J SL TA52
C902	0CX5R60K509	5.6P 50V K SL TA52
C903	0CX2200K409	22P 50V J SL TA52
C904	0CE107DF618	100UF STD 16V M FL TP5
C905	0CN2230H949	22000P 25V Z FTA52
C906	0CE106DR618	10UF STD 250V M FL TP5
C907	0CQZVBK002A	A.C 275V 0.1UF M (S=15)
C908	0CE475DR618	4.7UF STD 250V 20% FL TP
C909	0CK1020W515	1000P 500V K B
C910	0CK1020W515	1000P 500V K B
C911	0CK1020W515	1000P 500V K B
C912	0CE476DF618	47UF STD 16V M FL TP5
C913	0CK22202515	2200PF 2KV K B TR
CN05	0CE107DF618	100UF STD 16V M FL TP5
CN07	0CE335DK618	3.3UF STD 50V 20% FL TP
CN10	0CK224DF56A	220000PF 2012 16V 10% R/
CN11	0CK224DF56A	220000PF 2012 16V 10% R/
CN12	0CK224DF56A	220000PF 2012 16V 10% R/
CN13	0CK224DF56A	220000PF 2012 16V 10% R/
CN16	0CE106DF618	10UF STD 16V M FL TP5
CN19	0CE107DF618	100UF STD 16V M FL TP5
CN20	0CE107DF618	100UF STD 16V M FL TP5
CN21	0CE107DF618	100UF STD 16V M FL TP5
CN23	0CE107DF618	100UF STD 16V M FL TP5

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LOCA. NO	PART NO	DESCRIPTION
CN24	0CE476DF618	47UF STD 16V M FL TP5
CN29	0CE106DF618	10UF STD 16V M FL TP5
CN30	0CE106DF618	10UF STD 16V M FL TP5
CN32	0CE107DF618	100UF STD 16V M FL TP5
CN34	0CE106DF618	10UF STD 16V M FL TP5
CN35	0CK224DF56A	220000PF 2012 16V 10% R/
CN36	0CK224DF56A	220000PF 2012 16V 10% R/
CN37	0CK224DF56A	220000PF 2012 16V 10% R/
CN38	0CK224DF56A	220000PF 2012 16V 10% R/
CN39	0CK224DF56A	220000PF 2012 16V 10% R/
CN40	0CK224DF56A	220000PF 2012 16V 10% R/
CN41	0CK224DF56A	220000PF 2012 16V 10% R/
CN42	0CK224DF56A	220000PF 2012 16V 10% R/
CN43	0CK224DF56A	220000PF 2012 16V 10% R/
CN44	0CK224DF56A	220000PF 2012 16V 10% R/
CN45	0CK224DF56A	220000PF 2012 16V 10% R/
CN46	0CK224DF56A	220000PF 2012 16V 10% R/
CN47	0CE106DF618	10UF STD 16V M FL TP5
CN49	0CK224DF56A	220000PF 2012 16V 10% R/
CN50	0CK224DF56A	220000PF 2012 16V 10% R/
CN53	0CE106DF618	10UF STD 16V M FL TP5
CN54	0CX5600K409	56P 50V J SL TA52
CN59	0CE107DF618	100UF STD 16V M FL TP5
CV06	0CE106DF618	10UF STD 16V M FL TP5
CV10	0CE335DK618	3.3UF STD 50V 20% FL TP
CV11	0CQ3321N509	0.0033U 100V K POLY
CV12	0CQ3331N509	0.033U 100V K POLY
CV14	0CE106DF618	10UF STD 16V M FL TP5
CV16	0CE335DK618	3.3UF STD 50V 20% FL TP
CV20	0CE106DF618	10UF STD 16V M FL TP5
CV29	0CE476DF618	47UF STD 16V M FL TP5
CV31	0CE106DF618	10UF STD 16V M FL TP5
CV36	0CE106DF618	10UF STD 16V M FL TP5
CV38	0CE106DF618	10UF STD 16V M FL TP5
CV40	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
CV41	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
CV42	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
CV43	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
CV44	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
CV45	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
CV46	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
CV63	0CE226DF618	22UF STD 16V M FL TP5
CORE		
FB01	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB201	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB202	125-123A	CORE (CIRC),FERRITE BFD3565R2F
FB222	125-123A	CORE (CIRC),FERRITE BFD3565R2F
FB241	125-123A	CORE (CIRC),FERRITE BFD3565R2F
FB401	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB801	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB802	125-022K	CORE (CIRC),FERRITE 1UH TAPING

LOCA. NO	PART NO	DESCRIPTION
FB803	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB852	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB853	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB902	125-022K	CORE (CIRC),FERRITE 1UH TAPING
FB903	125-022K	CORE (CIRC),FERRITE 1UH TAPING
COIL & TRANSFORMER		
J29	0LA0102K119	INDUCTOR,10UH K
J51	0LA0182K119	INDUCTOR,18UH K
J122	0LA1000K119	INDUCTOR,100UH K
L01	0LA1000K119	INDUCTOR,100UH K
L02	0LA0102K119	INDUCTOR,10UH K
L101	150-C01D	COIL,CHOKE 0.55UH
L102	0LA1000K139	INDUCTOR,100UH K
L103	0LA0102K119	INDUCTOR,10UH K 2
L104	150-E11G	COIL,IFT 38.9MHZ 1PF
L122	0LA0681K119	INDUCTOR,6.8UH K
L123	150-C01C	COIL,CHOKE 0.48UH
L126	0LA0102K119	INDUCTOR,10UH K
L201	0LA0102K119	INDUCTOR,10UH K
L202	0LA0102K119	INDUCTOR,10UH K
L203	0LA0102K119	INDUCTOR,10UH K
L204	0LA0102K119	INDUCTOR,10UH K
L221	0LA0102K119	INDUCTOR,10UH K
L222	0LA0102K119	INDUCTOR,10UH K
L223	0LA0102K119	INDUCTOR,10UH K
L224	0LA0102K119	INDUCTOR,10UH K
L241	0LA0102K119	INDUCTOR,10UH K
L242	0LA0102K119	INDUCTOR,10UH K
L245	0LA0102K119	INDUCTOR,10UH K
L246	0LA0102K119	INDUCTOR,10UH K
L401	150-717K	COIL,CHOKE 1.1UH
L403	150-L02Z	COIL,LINERITY 27 0.45 64.5
L851	0LA1000K139	INDUCTOR,100UH K
L853	150-C02F	COIL,CHOKE 82UH R1217
L901	0LA0102K139	INDUCTOR,10UH K
LN01	0LA0102K119	INDUCTOR,10UH K
LN03	0LA1000K119	INDUCTOR,100UH K
LN05	0LA1000K119	INDUCTOR,100UH K
LN06	0LA0102K119	INDUCTOR,10UH K
LN07	0LA0102K119	INDUCTOR,10UH K
LN08	0LA0102K119	INDUCTOR,10UH K
LV01	0LA0102K119	INDUCTOR,10UH K
LV02	0LA0102K119	INDUCTOR,10UH K
LV03	0LA0471K119	INDUCTOR,4.7UH K
LV05	0LA0471K119	INDUCTOR,4.7UH K
Δ T401	151-C02F	TRANSFORMER,H-DRIVE,EI-19,BULK
Δ T402	6174Z-6012T	FBT,FTMPN51 -T6012T
Δ T801	6170VZ0008A	TRANSFORMER,TS4841 30500UH
Δ T802	6170VMCB01F	TRANSFORMER,SMPS EER5345 290UH 150V
T803	151-D02G	TRANSFORMER,STAND-BY EER3541 0UH

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LOCA. NO	PART NO	DESCRIPTION
CONNECTOR		
JW8A	387-907H	CONNECTOR ASSY,1P MXH8610 450MM
JW8B	387-907H	CONNECTOR ASSY,1P MXH8610 450MM
P605B	387-B08E	CONNECTOR ASSY,8P SHIELD(300)
P901	387-B08J	CONNECTOR ASSY,8P SHIELD(500)
P902	387-A07G	CONNECTOR ASSY,7P (L=400)
RESISTOR		
F851	180-D02Y	0.045 OHM 1/2 W 10% TA52 (MFR)
F854	180-D02Y	0.045 OHM 1/2 W 10% TA52 (MFR)
F855	180-D02Y	0.045 OHM 1/2 W 10% TA52 (MFR)
FR401	0RF0471K607	4.7 OHM 2 W 5.00% TA62
Δ FR402	0RF0101K607	1 OHM 2 W 5.00% TA62
Δ FR403	0RF0101K607	1 OHM 2 W 5.00% TA62
FR406	0RF0101K607	1 OHM 2 W 5.00% TA62
Δ FR413	0RF0141K607	1.4 OHM 2 W 5.00% TA62
FR951	0RF0470K607	0.47 OHM 2 W 5.00% TA62
J70	0RS0681H609	6.8 OHM 1/2 W 5.00% TA52
R01	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R02	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R03	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R04	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R05	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R06	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R07	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R08	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R09	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R10	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R11	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R12	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R17	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R18	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R19	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R20	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R21	0RD1603F609	160K OHM 1/6 W 5.00% TA52
R22	0RD3902F609	39K OHM 1/6 W 5.00% TA52
R23	0RD1603F609	160K OHM 1/6 W 5.00% TA52
R24	0RD3902F609	39K OHM 1/6 W 5.00% TA52
R25	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R26	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R27	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R28	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R30	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R31	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R32	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R34	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R35	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R36	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R37	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R38	0RD4302F609	43K OHM 1/6 W 5.00% TA52
R39	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52

LOCA. NO	PART NO	DESCRIPTION
R40	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R41	0RD2701F609	2.7K OHM 1/6 W 5.00% TA52
R42	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R43	0RD3300F609	330 OHM 1/6 W 5.00% TA52
R44	0RD1301F609	1.3K OHM 1/6 W 5.00% TA52
R46	0RD8201F609	8.2K OHM 1/6 W 5.00% TA52
R48	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R49	0RD5601F609	5.6K OHM 1/6 W 5.00% TA52
R50	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R51	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R52	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R53	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R55	0RD5600F609	560 OHM 1/6 W 5.00% TA52
R56	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R57	0RD0332F609	33 OHM 1/6 W 5.00% TA52
R58	0RD0332F609	33 OHM 1/6 W 5.00% TA52
R59	0RD5601F609	5.6K OHM 1/6 W 5.00% TA52
R60	0RD5601F609	5.6K OHM 1/6 W 5.00% TA52
R61	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R62	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R63	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R64	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R65	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R66	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R67	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R69	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R70	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R71	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R101	0RD0332F609	33 OHM 1/6 W 5.00% TA52
R102	0RD0512F609	51 OHM 1/6 W 5.00% TA52
R103	0RD0512F609	51 OHM 1/6 W 5.00% TA52
R104	0RS5600H609	560 OHM 1/2 W 5.00% TA52
R105	0RD2202F609	22K OHM 1/6 W 5.00% TA52
R106	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R108	0RS0102J607	10 OHM 1 W 5.00% TA62
R130	0RD1502F609	15K OHM 1/6 W 5.00% TA52
R132	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R133	0RD1500F609	150 OHM 1/6 W 5.00% TA52
R135	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R136	0RD2000F609	200 OHM 1/6 W 5.00% TA52
R137	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R138	0RD3601F609	3.6K OHM 1/6 W 5.00% TA52
R139	0RD6800F609	680 OHM 1/6 W 5.00% TA52
R140	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R141	0RD4700F609	470 OHM 1/6 W 5.00% TA52
R142	0RD1500F609	150 OHM 1/6 W 5.00% TA52
R143	0RD1802F609	18K OHM 1/6 W 5.00% TA52
R144	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R145	0RD1802F609	18K OHM 1/6 W 5.00% TA52
R146	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R148	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R153	0RD0511F609	5.1 OHM 1/6 W 5.00% TA52

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CE : Electrolytic

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LOCA. NO	PART NO	DESCRIPTION
R156	0RD1201F609	1.2K OHM 1/6 W 5.00% TA52
R157	0RD0222F609	22 OHM 1/6 W 5.00% TA52
R201	0RD0622F609	62 OHM 1/6 W 5.00% TA52
R202	0RD4700F609	470 OHM 1/6 W 5.00% TA52
R203	0RD1800F609	180 OHM 1/6 W 5.00% TA52
R204	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R205	0RD0822F609	82 OHM 1/6 W 5.00% TA52
R207	0RD0822F609	82 OHM 1/6 W 5.00% TA52
R209	0RD0822F609	82 OHM 1/6 W 5.00% TA52
R210	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R211	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R222	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R223	0RD4700F609	470 OHM 1/6 W 5.00% TA52
R224	0RD0682F609	68 OHM 1/6 W 5.00% TA52
R226	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R227	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R301	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R302	0RD0101H609	1 OHM 1/2 W 5.00% TA52
R303	0RD4700F609	470 OHM 1/6 W 5.00% TA52
R304	0RN2701F409	2.7K OHM 1/6 W 1.00% TA52
R305	0RD2401F609	2.4K OHM 1/6 W 5.00% TA52
R306	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R307	0RD2202F609	22K OHM 1/6 W 5.00% TA52
R308	0RD2000F609	200 OHM 1/6 W 5.00% TA52
R309	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R310	0RN1102F409	11K OHM 1/6 W 1.00% TA52
R311	0RN0221H609	2.2 OHM 1/2 W 5.00% TA52
R312	0RN0221H609	2.2 OHM 1/2 W 5.00% TA52
R313	0RS4300H609	430 OHM 1/2 W 5.00% TA52
R314	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R315	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R316	0RD2702F609	27K OHM 1/6 W 5.00% TA52
R317	0RD1601F609	1.6K OHM 1/6 W 5.00% TA52
R319	0RN6202F409	62K OHM 1/6 W 1.00% TA52
R320	0RN1001F409	1K OHM 1/6 W 1.00% TA52
R321	0RS0561J607	5.6 OHM 1 W 5.00% TA62
R322	0RD1501F609	1.5K OHM 1/6 W 5.00% TA52
R323	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R324	0RD4700F609	470 OHM 1/6 W 5.00% TA52
R325	0RS2701H609	2.7K OHM 1/2 W 5.00% TA52
R326	0RS1501H609	1.5K OHM 1/2 W 5.00% TA52
R327	0RS1501H609	1.5K OHM 1/2 W 5.00% TA52
R328	0RD0392F609	39 OHM 1/6 W 5.00% TA52
R401	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R402	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R403	0RD1801H609	1.8K OHM 1/2 W 5.00% TA52
R404	0RD0332H609	33 OHM 1/2 W 5.00% TA52
R405	0RS2200K607	220 OHM 2 W 5.00% TA62
R408	0RS0221K607	2.2 OHM 2 W 5.00% TA62
R409	0RS1801H609	1.8K OHM 1/2 W 5.00% TA52
R410	0RMZVBK002C	6.8K OHM 5W +/-5% RSR V-TYPE
R411	0RS4702H609	47K OHM 1/2 W 5.00% TA52

LOCA. NO	PART NO	DESCRIPTION
R413	0RS2002H609	20K OHM 1/2 W 5.00% TA52
R414	0RS1001H609	1K OHM 1/2 W 5.00% TA52
R415	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R416	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R417	0RD6203F609	620K OHM 1/6 W 5.00% TA52
R419	0RD7501H609	7.5K OHM 1/2 W 5.00% TA52
R421	0RS1803J607	180K 1W 5% TA62
R422	0RD3601F609	3.6K OHM 1/6 W 5.00% TA52
R539	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R540	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R541	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R601	0RD0472F609	47 OHM 1/6 W 5.00% TA52
R602	0RD2701F609	2.7K OHM 1/6 W 5.00% TA52
R603	0RD7501F609	7.5K OHM 1/6 W 5.00% TA52
R604	0RD2701F609	2.7K OHM 1/6 W 5.00% TA52
R605	0RD7501F609	7.5K OHM 1/6 W 5.00% TA52
R606	0RD0472F609	47 OHM 1/6 W 5.00% TA52
R607	0RF0331H609	3.3 OHM 1/2 W 5.00% TA52
R608	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R609	0RF0331H609	3.3 OHM 1/2 W 5.00% TA52
R610	0RD6802F609	68K OHM 1/6 W 5.00% TA52
R611	0RD1500F609	150 OHM 1/6 W 5.00% TA52
R612	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R801	0RKZVTA001K	0.47M OHM 1/2 W 5% TA52 PILKOR
R802	180-822M	RWR 15W 1.0 OHM J PD
R803	0RD0561H609	5.6 OHM 1/2 W 5.00% TA52
Δ R804	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R805	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R806	180-A01B	RW ROUND G 2W 0.11 K TA31(63)
Δ R807	0RKZVTA001C	8.2M OHM 1/2 W 5% TA52 UL PILK
R808	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R809	0RS4702K607	47K OHM 2 W 5.00% TA62
R851	0RS0152H609	15 OHM 1/2 W 5.00% TA52
R852	0RS0332K607	33 OHM 2 W 5.00% TA62
R853	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R854	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R858	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R860	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R861	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R862	0RD5601F609	5.6K OHM 1/6 W 5.00% TA52
R863	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R869	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R870	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R901	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R902	0RD2401F609	2.4K OHM 1/6 W 5.00% TA52
R903	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R904	0RD2401F609	2.4K OHM 1/6 W 5.00% TA52
R905	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R906	0RD2401F609	2.4K OHM 1/6 W 5.00% TA52
R907	0RD1803H609	180K OHM 1/2 W 5.00% TA52
R908	0RKZVTA001A	2.2M OHM 1/2 W 5% TA52 UL PILK
R912	0RD0562F609	56 OHM 1/6 W 5.00% TA52

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RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R913	0RD0562F609	56 OHM 1/6 W 5.00% TA52
R914	0RD0562F609	56 OHM 1/6 W 5.00% TA52
R915	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R916	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R917	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R918	0RCZVTA002B	1.0K OHM 1/2W 10% TA52 PILKOR(
R919	0RCZVTA002B	1.0K OHM 1/2W 10% TA52 PILKOR(
R920	0RCZVTA002B	1.0K OHM 1/2W 10% TA52 PILKOR(
R921	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R922	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R924	0RD8200F609	820 OHM 1/6 W 5.00% TA52
R925	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R930	0RS6802K607	68K OHM 2 W 5.00% TA62
R931	0RS6802K607	68K OHM 2 W 5.00% TA62
R932	0RS6802K607	68K OHM 2 W 5.00% TA62
RN01	0RD1000F609	100 OHM 1/6 W 5.00% TA52
RN02	0RD1000F609	100 OHM 1/6 W 5.00% TA52
RN03	0RD1002F609	10K OHM 1/6 W 5.00% TA52
RN11	0RD0271H609	2.7 OHM 1/2 W 5.00% TA52
RN14	0RD0271H609	2.7 OHM 1/2 W 5.00% TA52
RN17	0RD0912F609	91 OHM 1/6 W 5.00% TA52
RN18	0RD1001F609	1K OHM 1/6 W 5.00% TA52
RN19	0RD1001F609	1K OHM 1/6 W 5.00% TA52
RN20	0RD1001F609	1K OHM 1/6 W 5.00% TA52
RN21	0RD1001F609	1K OHM 1/6 W 5.00% TA52
RN22	0RD1001F609	1K OHM 1/6 W 5.00% TA52
RN23	0RD1001F609	1K OHM 1/6 W 5.00% TA52
RV02	0RD1000F609	100 OHM 1/6 W 5.00% TA52
RV03	0RD1000F609	100 OHM 1/6 W 5.00% TA52
RV06	0RD1002F609	10K OHM 1/6 W 5.00% TA52
RV07	0RD1002F609	10K OHM 1/6 W 5.00% TA52
RV15	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
RV16	0RD1001F609	1K OHM 1/6 W 5.00% TA52
RV34	0RD3300F609	330 OHM 1/6 W 5.00% TA52
VR121	180-F03H	EVN-DJAA03 B103 SEMI-FIX(H) TA
SPARK GAP		
SG901	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG902	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG903	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SWITCH		
SW01	140-315A	SWITCH,TACT SKHV17910B LG C&D NON 12V
SW02	140-315A	SWITCH,TACT SKHV17910B LG C&D NON 12V
SW03	140-315A	SWITCH,TACT SKHV17910B LG C&D NON 12V
SW04	140-315A	SWITCH,TACT SKHV17910B LG C&D NON 12V
Δ SW801	6600VM2002A	SWITCH,PUSH SDKEA3 IEC 250V 8A HORIZO
FILTER & CRYSTAL		
T102	166-C06D	FILTER,TRAP MKT40.4MA110P-TF01 MURATA
T103	166-C06D	FILTER,TRAP MKT40.4MA110P-TF01 MURATA
T104	166-C04C	FILTER,TRAP TPWA02B-TF21 MURATA 5.5MHZ

LOCA. NO	PART NO	DESCRIPTION
T801	150-F06T	FILTER(CIRC),LINE SQE3535 20MH
X01	156-A01L	CRYSTAL,HC49U SUNNY RADIAL 6.000MHZ 30
XN01	156-A02R	CRYSTAL,HC49U KJE RADIAL 18.432MHZ 30P
XV01	6202VDB007B	CRYSTAL,HC49U SUNNY RADIAL 20.250MHZ
Z101	6200VQS001Q	FILTER,SAW OFWK3958M 38.9MHZ
Z102	6200VQS001D	FILTER,SAW OFWK9260M 38.9MHZ(SIF
ACCESSORIES		
A1	3828VA0250G	MANUAL,OWNERS ES LG SP/PO 026C/F/H/J
A2	6710V00026F	REMOTE CONTROLLER(W/O PIP)
MISCELLANEOUS		
Δ	0FT4001B53C	FUSE,TIME LAG 4000MA 250V 5.2X20
	303-F62A	COVER,TUNER
Δ F853	131-096D	FUSE,FAST BLOE 3000MA 125V 2.5X7.6
JK201	6612VMH001A	JACK,SCART UPJ-R1-018 RGB 21 PI
JK202	6612VMH001A	JACK,SCART UPJ-R1-018 RGB 21 PI
JK203	6613V00006A	JACK ASSY,3P+EAR(PJ6062A)
PA01	6726VV0006H	PRE-AMP,TOP2238NN1 VISHAY 38KHZ MC00A
RL801	6920VB1001E	RELAY,DC SDT-S-105LMR OEG 5V 0.05A 250V
RL802	6920VB1001E	RELAY,DC SDT-S-105LMR OEG 5V 0.05A 250V
Δ SK901	6620VBC001A	SOCKET,CPT 29.1 PHI SINGLE(PCS629-03A)
TH801	163-054F	THERMISTOR,PTCJ502P84D140M290Q
TU101	6700VPF005D	TUNER,TAEC-G023D
VD801	164-003K	VARISTOR,SVC621D-14A 620V 0% UL/C