

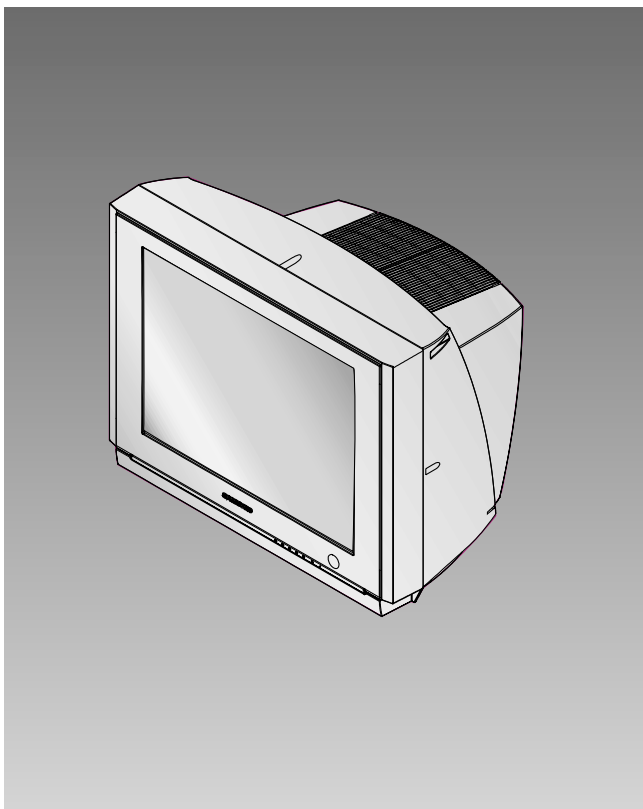
SAMSUNG

COLOR TELEVISION RECEIVER

Chassis : S56A(P) REV.1
Model: CZ29M64NSPXXEH
CZ28D83NSPXXEH

SERVICE *Manual*

COLOR TELEVISION RECEIVER



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2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	μA	Microampere
°C	Degree Celsius	μF	Microfarad
°F	Degree Fahrenheit	μH	Microhenry
°K	degree Kelvin	μm	Micrometer
F	Farad	μs	Microsecond
G	Gauss	μW	Microwatt
GHz	Gigahertz	mA	Milliampere
g	Gram	mg	Milligram
H	Henry	mH	Millihenry
Hz	Hertz	ml	Milliliter
h	Hour	mm	Millimeter
ips	Inches Per Second	ms	Millisecond
kWh	Kilowatt-hour	mV	Millivolt
kg	Kilogram	nF	Nanofarad
kHz	Kilohertz	Ω	Ohm
kΩ	Kilohm	pF	Picofarad
km	Kilometer	lb	Pound
km/h	Kilometer Per Hour	rpm	Revolutions Per Minute
kV	Kilovolt	rps	Revolutions Per Second
kVA	Kilovolt-ampere	s	Second (Time)
kW	Kilowatt	V	Volt
l	Liter	VA	Volt-ampere
MHz	Megahertz	W	Watt
		Wh	Watt-hour

Table 2-2 Table of Acronyms

ABL	Automatic Brightness Limiter	I/O	Input/output
AC	Alternating Current	L	Left
ACC	Automatic Chroma Control	L	Low
AF	Audio Frequency	LED	Light Emitting Diode
AFC	Automatic Frequency Control	LF	Low Frequency
AFT	Automatic Fine Tuning	MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
AGC	Automatic Gain Control	MTS	Multi-channel Television Sound
AM	Amplitude Modulation	NAB	National Association of Broadcasters
ANSI	American National Standards Institute	NEC	National Electric Code
APC	Automatic Phase Control	NTSC	National Television Systems Committee
APC	Automatic Picture Control	OSD	On Screen Display
A/V	Audio-Video	PCB	Printed Circuit Board
AVC	Automatic Volume Control	PLL	Phase-Locked Loop
BAL	Balance	PWM	Pulse Width Modulation
BPF	Bandpass Filter	QIF	Quadrature Intermediate Frequency
B-Y	Blue-Y	R	Right
CATV	Community Antenna Television (Cable TV)	RC	Resistor & Capacitor
CB	Citizens Band	RF	Radio Frequency
CCD	Charge Coupled Device	R-Y	Red-Y
CCTV	Closed Circuit Television	SAP	Second Audio Program
Ch	Channel	SAW	Surface Acoustic Wave(Filter)
CRT	Cathode Ray Tube	SIF	Sound Intermediate Frequency
CW	Continuous Wave	SMPS	Switching Mode Power Supply
DC	Direct Current	S/N	Signal/Noise
DVM	Digital Volt Meter	SW	Switch
EIA	Electronics Industries Association	TP	Test Point
ESD	Electrostatic Discharge	TTL	Transistor Transistor Logic
ESD	Electrostatically Sensitive Device	TV	Television
FBP	Feedback Pulse	UHF	Ultra High Frequency
FBT	Flyback Transformer	UL	Underwriters Laboratories
FF	Flip-Flop	UV	Ultraviolet
FM	Frequency Modulation	VCD	Variable-Capacitance Diode
FS	Fail Safe	VCO	Voltage Controlled Oscillator
GND	Ground	VCXO	Voltage Controlled Crystal Oscillator
G-Y	Green-Y	VHF	Very High Frequency
H	High	VIF	Video Intermediate Frequency
HF	High-Frequency	VR	Variable Resistor
HI-FI	High Fidelity	VTR	Video Tape Recorder
IC	Inductance-Capacitance	VTVM	Vacuum Tube Voltmeter
IC	Integrated Circuit	TR	Transistor
IF	Intermediate Frequency		

2-2 IC Line Up

Table 2 - 3 IC Line - Up			
LOC. NO	DESCRIPTION	SPEC	REMARK
D407	FMP-3FU, 1.5KV, 5A, TO-3PF, ST	DIODE-RECTIFIER	OPTION
D801S	D5SB60, 600V, 6A, SIP-4	DIODE-BRIDGE	
D803	FMG-G2CS, 1000V, 3A, TO-220F, ST	DIODE-RECTIFIER	
D805	BRIDGE, A62-00045A, D06U20S, DREAM	ASSY H/S	
HC101	PAP103T, STP, 6P, PRE-AMP, TP	IC HYBRID	OPTION
IC201S	TDA959XPS/N1/3I, OTP, 64P, ST, SDIP	IC MICOM	OPTION
IC202	C81DC, 1028x8Bit, 8P, 100mS, 5V, PLASTIC, 10uA, CMOS	IC-EEPROM	OPTION
IC301	POWER, AA62-00056A, LA7845	ASSY H/S	
IC501	VIDEO, AA62-30175D, TDA607Q	ASSY H/S	
IC601	TDA7297, AA62-30182E	ASSY H/S	
IC602	MSP3410D-CS, SDIP, 52P, 8V, 1.2W, SOUND PROCESSOR	IC-SOUND PROCESSOR	OPTION
IC631	7042, TO-92, 3P, 177MIL, PLASTIC, 4	IC-VOL, DETECTOR	
IC701	NJM2246D, 3-INPUT, DIP, 8P, 300MIL	IC-VIDEO SWITCH	
IC801S	POWER, AA62-30181K, 5Q1265RT	ASSY H/S	
IC802	POWER, AA62-30184A, KA7632	ASSY H/S	
IC852	431, TO-92, 3P, 4.58MIL, PLASTIC, 2	IC-POSI.ADJUST REG.	
ICE01	393, DIP, 8P, 300MIL, DUAL, 36V, CMO	IC-VOTAGE COMP.	OPTION
PC801S	TR, 130-260%, 200mW, DIP-4, ST	PHOTO-COUPLER	
PT801S	4.50HM, +30/-20%, 220V, 290VAC, 21A, -, TR	THERMISTOR-PTC	
Q401	POWER AA62-00057A, KSD5703, WASHER-TR	ASSY H/S	
Q403	KSC2073-H2, NPN, 25W, TO-220, TP, 40-24	TR-POWER	OPTION
Q804	KA614, PNP, 25W, TO-220, TP, 40-24	TR-POWER	
QE01	IRF620, N, 200V, 5A, 0.8ohm, 50W, TO	FET-SILICON	OPTION
RL801S	12VDC, 500mW, 10A, 1FormA, 15mS, 5m	RELAY-POWER	OPTION
SF101S	38.9MHz, SIP5K, ST, 17.9dB, B/G, D/K, I, M/N	FILTER-SAW AV	OPTION
SF102S	38.9MHz, SIP5K, ST, 18dB, B/G, L/L', M/N, 42dB	FILTER-SAW AV	OPTION
SW801S	250V, 5A, DPST, -, JPW-2104B	SWITCH-PUSH	
T401	80mH, 520uH, E119	TRANS-HORIZ,DRIVE	OPTION
T444S	FUH-29A001B(S), 25/29", 130	TRANS FBT	OPTION
T801S	CS21S5T, 80~280V. PM5, PL5, EER4245, 470UH, 125/16/9	TRANS SWITCHING	OPTION
TU01S	TEDE9-203A, PAL, 181CH, 38.9MHz, 750ohm, DIN, ASYMM, 5V	TUNER	OPTION

Table 2-3-1 UOC

SPEC	FUNCTION	REMARK
TDA9592	50Hz, W/O TTX	
TDA9594	50Hz, With TTX 10page	

Table 2-3-2 SOUND IC

SPEC	FUNCTION	REMARK
MSP3400D	Multistandard, A2 Stereo, Equalizer, 2 Scart, RCA9P	
MSP3410D	Multistandard, A2 Stereo, Nicam, Equalizer, 2 Scart, RCA9P	

Table 2-3-3 SOUND AMP

SPEC	FUNCTION	REMARK
TDA7297	15W x 2CH, 10W x 2CH, 5W x 2CH	

Table 2-3-4 TUNER

SPEC	FUNCTION	REMARK
TECC0949PG35A	Without LNA	SAMSUNG
TEDE9-203A	Without LNA	LG
TAEL-G671D	With LNA	ALPS

Table 2-3-5 VIDEO OUTPUT AMP

SPEC	FUNCTION	REMARK
TDA6107Q	25" Normal 29" Normal	
TDA6108JF	21" Flat 25" Flat	

3. Specifications

Television System	CS	PAL, SECAM-B/G, D/K, I, NT4.43, NT3.58			
	CZ	PAL, SECAM-B/G, D/K, NT4.43			
	CW	PAL, SECAM-B/G, D/K, I, NT4.43, NT3.58			
	CB	PAL, SECAM-B/G, D/K, I, NT4.43, NT3.58			
	CI	PAL, SECAM-B/G, D/K, I, NT4.43, NT3.58			
	CII	PAL, SECAM-B/G, D/K, I, NT4.43, NT3.58			
	CX	PAL, SECAM-B/G, D/K, I, NT4.43, NT3.58			
	CK	PAL, SECAM-B/G, D/K, I, NT4.43, NT3.58			
Channels	Band	System			
		PAL, SECAM-B/G,I	PAL, SECAM-B/G,I	PAL, SECAM-B/G,I	PAL, SECAM-B/G,I
	VHF	02 - 12	01 - 13	02 - 09	02 - 13
	UHF	21 - 69	21 - 69	13 - 57	14 - 69
Intermediate Frequency	IF Carrier	System			
	Frequency	PAL, SECAM -B/G	PAL, SECAM-D/K,K1	PAL-I	NTSC-M
	Picture	38.90[MHz]	38.90[MHz]	38.90[MHz]	45.75[MHz]
	Sound	33.40[MHz]	32.40[MHz]	32.90[MHz]	41.25[MHz]
	Chroma	34.47[MHz]	34.47[MHz]	34.47[MHz]	42.18[MHz]
Power	AC100~240V, 50/60Hz				
Antenna	VHF, UHF : Telescopic dipole antenna(75ohm unbalanced type)				

4. Alignment and Adjustments

4-1 General Alignment Instructions

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.
2. Observe the picture for good black and white details. There should be objectionable color shading; if color shading is present, demagnetize, perform purity and convergence adjustments described below.
3. Use the specified test equipment or its equivalent.
4. Correct impedance matching is essential.
5. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
6. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
8. To protect against shock hazard, use an isolation transformer.

4-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set is moved or turned in a different direction, the power should be OFF for at least 10 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before turning power OFF.

If color shading persists, perform the following Color purity and Convergence adjustments.

4-3 High Voltage Check

CAUTION : There is no high voltage adjustment on this chassis. The B+ power supply should be +135 volts (with full color- bar input and normal picture level).

1. Connect a digital voltmeter to the second anode of the picture tube.
2. Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).
3. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 30 KV under any conditions.

4-4 FOCUS Adjustment

1. Input a black and white signal.
2. Adjust the tuning control for the clearest picture.
3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

4-5 Factory Adjustment

4-5-1 Service Mode

1. To enter the "Service Mode", Press the remote-control keys in this sequence :

- If you do not have Factory remote-control



- If you have Factory remote-control



4-5-2 Factory Mode OSD

4-5-2(A) ADJUST

ADJUST
 OPTION 52 2A 48
 G2-ADJUST
 RESET
 SPM-836EAN 2002/02/08

AGC	33	STT	7	PWL	12	ETRP	32
SCT	13	AKB	0	AGN	1	VZ	58
SBT	9	PDL	15	PEK	2	SVM	0
BLR	31	NDL	10	ACL	0	VMA	0
BLB	27	PSR	15	FCO	0	DPSR	15
RG	32	NSR	10	SCBT	45	DNSR	10
GG	25	VOL	10	SSP	20	DSBT	7
BG	31	LCO	0	PSNS	1	DCDL	9
VSL	19	TXP	9	HPAR	32	DBLR	31
VS	38	MVOL	10	HBOW	32	DBLB	27
VA	40	FMWS	0	EWID	32		
HS	30	AGCS1	1	EPAR	32		
SC	24	OMD	26	EUCN	32		
CDL	9	SCL	1	ELCN	32		

OSD	Range	Register	Initial Value	Remark
AGC	0 ~ 63	1Eh(D5-D0)	33	RF AGC
SCT	0 ~ 23	1Dh	13	Sub contrast(high light adjustment)
SBT	0 ~ 23	1Bh	9	Sub brightness(low light adjustment)
BLR	0 ~ 63	14h(D5-D0)	31	Black level offset R(low light R adjustment)
BLB	0 ~ 63	15h(D5-D0)	27	Black level offset B(low light B adjustment)
RG	0 ~ 63	16h(D5-D0)	32	White point R(high light R adjustment)
GG	0 ~ 63	17h(D5-D0)	25	White point G(high light 25 fixed)
BG	0 ~ 63	18h(D5-D0)	31	White point B(high light B adjustment)
VSL	0 ~ 63	0Fh(D5-D0)	19	Vertical slope
VS	0 ~ 63	12h(D5-D0)	38	Vertical shift
VA	0 ~ 63	10h(D5-D0)	40	Vertical amplitude
HS	0 ~ 63	09h(D5-D0)	30	Horizontal shift
SC	0 ~ 63	0Fh(D5-D0)	24	S-correction
CDL	0 ~ 15	2Ah(D3-D0)	9	Cathode drive level
STT	0 ~ 7	08h	7	Sub tint(NTSC only)
AKB	0 ~ 1	2Ah(D4)	0	Black current stabilization
PDL	0 ~ 15	1Ah(D3-D0)	15	PAL Y-delay adjustment
NDL	0 ~ 15	1Ah(D3-D0)	10	NTSC Y-delay adjustment
PSR	0 ~ 23	1Ch	15	PAL sub color gain adjustment
NSR	0 ~ 23	1Ch	10	NTSC sub color gain adjustment
VOL	0 ~ 63	1Fh	10	Initial vol adjustment
LCO	0 ~ 1	27h(D7-D5)	0	PLL demodulator frequency adjust(0 : set)
TXP	0 ~ 15	87F2h(D5-D0)	9	TTX horizontal shift adjustment(Micom Memory Part)
MVOL	0 ~ 50	0h(D15-D0)	10	Melody initial vol adjustment(MSP34XX)
FMWS	0 ~ 1	29h(D5)	0	Narrow-band sound PLL window selection
AGCS1	0 ~ 3	28h(D2-D1)	1	IF AGC speed
OMD	0 ~ 63	05h(D5-D0)	26	Off-set IF demodulator
SCL	0 ~ 3	04h(D5-D4)	1	Soft clipping level
PWL	0 ~ 15	04h(D3-D0)	12	Peak white limiting
AGN	0 ~ 1	29h(D7)	1	FM demodulator gain
PEK	0 ~ 3	19h(D7-D6)	2	Peaking center frequency
ACL	0 ~ 1	20h(D1)	0	Automatic color limiting
FCO	0 ~ 1	21h(D0)	0	Forced color limiting
SCBT	0 ~ 63	1Bh	45	Screen brightness(different from INCH)
SSP	0 ~ 23	19h(D5-D0)	20	Sub Sharpness gain adjustment

OSD	Range	Register	Initial Value	Remark
PSNS	0 ~ 1	21h(D2)	1	Ident sensitivity PAL/NTSC decoder
HPAR	0 ~ 63	06h(D5-D0)	32	Horizontal parallelogram
HBOW	0 ~ 63	07h(D5-D0)	32	Horizontal bow
EWID	0 ~ 63	0Ah(D5-D0)	32	EW width
EPAR	0 ~ 63	0Bh(D5-D0)	32	EW parabola
EUCN	0 ~ 63	0Ch(D5-D0)	32	EW upper corner parabola
ELCN	0 ~ 63	0Dh(D5-D0)	32	EW lower corner parabola
ETRP	0 ~ 63	0Eh(D5-D0)	32	EW tarpezium
VZ	0 ~ 63	13h(D5-D0)	32	Vertical zoom
SVM	0 ~ 3	2Dh(D5-D0)	0	Delay of RGB output to VM output
VMA	0 ~ 3	2Eh(D5-D0)	0	Ampulitude of SVM out
DPSR	0 ~ 23	1Ch	15	DVD PAL sub color gain adjustment
DNSR	0 ~ 23	1Ch	10	DVD NTSC sub color gain adjustment
DSBT	0 ~ 23	1Bh	7	DVD Sub brightness(low light adjustment)
DCDL	0 ~ 15	2Ah(D3-D5)	9	DVD Cathode drive level
DBLR	0 ~ 63	14h(D5-D0)	31	DVD Black level offset R(low light R adjustment)
DBLB	0 ~ 63	15h(D15-D0)	27	DVD Black level offset B(low light B adjustment)

4-5-2(B) OPTION

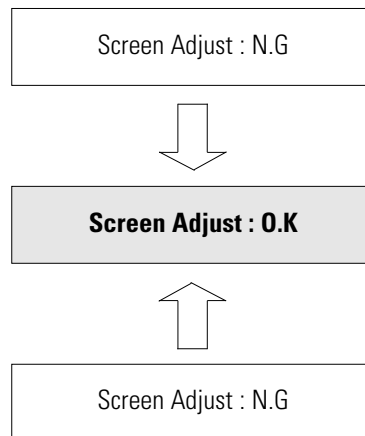
ADJUST
OPTION 52 2A 48
 G2-ADJUST
 RESET
 SPM-836EAN 2002/02/08

No	Item	Initial value	Remark
1	LNA	OFF	CIS : ON
2	SYSTEM	CS	CS - CB - CD
3	AUDIO	MONO	MONO - MONO/BILI - L-STEREO - L-STEREO/BILI - STEREO - NICAM
4	JACK	RCA	RCA - SCART - RCA+DVD
5	ZOOM	NOR/ZOOM/16:9	NOR/ZOOM/16:9 - NOR/ZOOM
6	AUTO POWER	ON	ON(MUST OFF)
7	EW	ON	ON - OFF(21" F PIN FREE CRT OFF)
8	2nd SIF	ON	ON - OFF(QUEST OFF)
9	HOTEL MODE	OFF	OFF - ON(OPTION)
10	BKS	ON	ON - OFF(EUROPE OFF)
11	HIGH DEVIA	OFF	OFF(MUST OFF)
12	HELP MENU	ON	ON - OFF(EUROPE OFF)
13	LANGUAGE	EAST ASIA	EAST ASIA - CHINA
14	V-GUARD	OFF	OFF(MUST OFF)

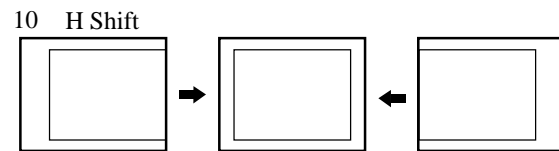
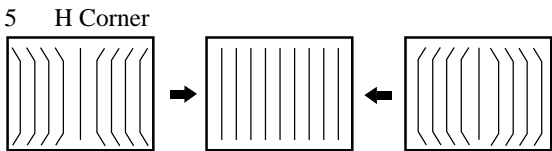
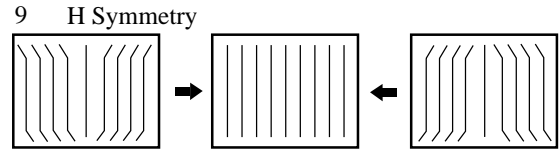
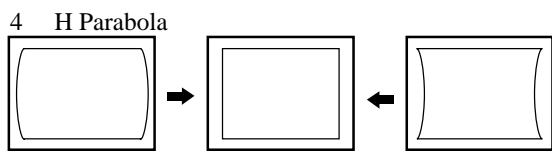
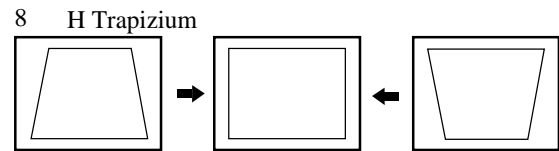
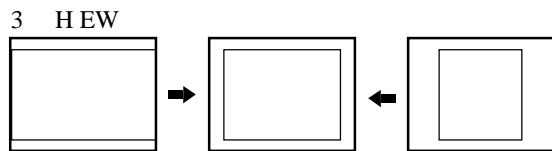
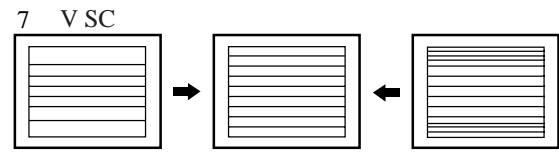
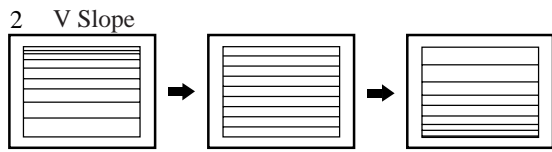
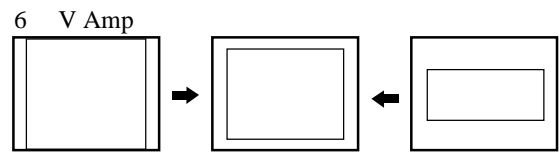
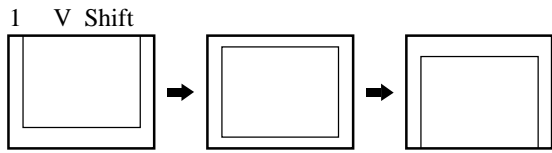
4-5-2(C) G2-ADJUST

ADJUST
 OPTION 52 2A 48
G2-ADJUST
 RESET
 SPM-836EAN 2002/02/08

- ☞ Entering G2-Adjust Mode Screen Adjust : Displayed As "NG".
 → Turn SCREEN VR OF FBT, Adjust Value Become To Be "OK".



4-5-2(D) SCREEN CHANGE (I2C BUS GEOMETRIC ADJUSTMENT)



4-6 PIN ASSIGNMENT SPECIFICATION

PIN NO	SYMBOL	PIN FUNCTION	CHECK VOLTAGE	
			S-By	P-On
1	P1.3/T1	port 1.3 or Counter/Timer 1 input		
2	P1.6/SCL	port 1.6 or IIC-bus clock line		
3	P1.7/SDA	port 1.7 or IIC-bus data line		
4	P2.0/TPMW	port 2.0 or Tuning PWM output		
5	P3.0/ADC0	port 3.0 or ADC0 input		
6	P3.1/ADC1	port 3.1 or ADC1 input		
7	P3.2/ADC2	port 3.2 or ADC2 input		
8	P3.3/ADC3	port 3.3 or ADC3 input		
9	VSSC/P	digital ground for m-Controller core and periphery		
10	P0.5	port 0.5(8mA current sinking capability for direct drive of LEDs)		
11	P0.6	port 0.6(8mA current sinking capability for direct drive of LEDs)		
12	VSSA	digital ground of TV-processor		
13	SECPLL	SECAM PLL decoupling		
14	VP2	2nd supply voltage TV-processor(+8V)		
15	DECDIG	supply voltage decoupling of digital circuit of TV-processor		
16	PH2LF	phase-2 filter		
17	PH1LF	phase-1 filter		
18	GND3	ground 3 for TV-processor		
19	DECBG	bandgap decoupling		
20	EWD	East-West drive output		
21	VDRB	vertical drive B output		
22	VDRA	vertical drive A output		
23	IFIN1	IF input 1		
24	IFIN2	IF input 2		
25	IREF	reference current input		
26	VSC	vertical sawtooth capacitor		
27	AGCOUT	tuner AGC output		
28	SIFIN1/DVBIN1	SIF input 1 / DVB input 1		
29	SIFIN2/DVBIN2	SIF input 2 / DVB input 2		
30	GND2	ground 2 for TV processor		
31	SIFAGC/DVBAGCR	narrow band PLL filter		
32	REFO/AMOUT/REFIN	Automatic Volume Leveling/subcarr reference output/sound IF input/external reference signal input for I signal mixer for DVB operation		

PIN NO	SYMBOL	PIN FUNCTION	CHECK VOLTAGE	
			S-By	P-On
33	HOUT	horizontal output		
34	FBISO	flyback input/sandcastle output		
35	QSSO/AMOUT	QSS intercarrier output/AM output in stereo applications or deemphasis(front-end audio out)/AM output in mono applications		
36	EHTO	EHT/overvoltage protection input		
37	PLLIF	IF-PLL loop filter		
38	IFVO/SVO/DVBO	AGC sound IF/inter-external AGC for DVB applications		
39	VP1	main supply voltage TV processor		
40	CVBS1	internal CVBS input		
41	GND	ground for TV processor		
42	CVBS/Y	CVBS3/Y input		
43	C	chroma input		
44	SVM	scan velocity modulation output		
45	INSSW2	2nd RGB/YUV insertion input		
46	R2/VIN	2nd R input/V(R-Y) input PR input		
47	G2/YIN	2nd G input/Y input		
48	B2/UIN	2nd B input/U(B-Y) input PB input		
49	BCLIN	beam current limiter input		
50	BLKIN	black current input/V-guard input		
51	RO	Red output		
52	GO	Green output		
53	BO	Blue output		
54	VDDA	analog supply of Teletext decoder and digital supply of TV-processor(3.3 V)		
55	VPE	OTP Programming Voltage		
56	VDDC	digital supply to core(3.3 V)		
57	OSCGND	oscillator ground supply		
58	XTLIN	crystal oscillator input		
59	XTLOUT	crystal oscillator output		
60	RESET	reset		
61	VDDP	digital supply to peryipher(+3.3 V)		
62	P1.0/INT1	port 1.0 or external interrupt 1 input		
63	P1.1/T0	port 1.1 or Counter/Timer 0 input		
64	P1.2/INT0	port 1.2 or external interrupt 0 input		

You can search for the updated part code through ITSELF web site.
 URL : http://itself.sec.samsung.co.kr

7. Electrical Parts List

7-1 CZ29M64NSPXXEH

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
ASSY COVER FRONT					ASSY ACCESSORY				
1		AA90-04720A	ASSY COVER FRONT;29M6,S56A		1		AA90-03236A	ASSY PACKING;29M6	
2	CB+CF	6002-000515	SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR		2		AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	
2	CB+RCA	6002-000515	SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR		2		HA69-01263B	CUSHION;29M6(SEH),EPS,C=0.02	
2	CF+PCB(KC)	6003-001019	SCREW-TAPTITE;RH,+B,M4,L12,ZPC(BLK),SWR		3		HA83-00058A	LP-RESIN-EP;CHEIL SF-301V,WHT	
2	CF+PCB(AV)	6003-001019	SCREW-TAPTITE;RH,+B,M4,L12,ZPC(BLK),SWR		2		AA69-00744F	BAG-SHEET;-HDPE PE FOAM,TO.015,W1400,H1	
2	CF+BRACKET	6003-001019	SCREW-TAPTITE;RH,+B,M4,L12,ZPC(BLK),SWR		2		AA68-02178B	LABEL-BOX;-110MM,110MM,WHITE	
2	CRT+CF	AA60-10050V	SCREW-ASSY;-SWRCH18A,M6,L30,HH,+WC,-Z		2		AA69-02168G	PACKING CASE;29M6(SEH),D-4 AB,A1,YEL,EUR	
2		AA65-30110A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,		2		HA83-00057B	LP-TAPE-CELLULOSE;HA02-030010,TO.046,W7	
2	qms	HA83-00052A	LP-TAPE-INK;WIDTH 55 MM		2		HA83-00046A	LP-TAPE INK;WIDTH 105 MM	
2	rating	HA83-00052A	LP-TAPE-INK;WIDTH 55 MM		ASSY POWER CORD				
2		HA61-00711C	HOLDER-PCB;29K8,HIPS,HB,GRY		1		AA92-07629A	ASSY ACCESSORY;CW28D8NPX,...	
3		HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB		2		4301-000120	BATTERY-MN:1.5V,-AA,14.5x50mm,-	
3		HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY		2		HA83-00047A	LP-TAPEACETATE;TO.1MM,W20MM,L200MM	
2		HA68-02177B	LABEL-POS;ALL,30MM,65MM,WHITE,AA68-02177		2		AA69-02248A	BAG ACCESSORY;HDPE,TO.02.L350,W200	
2		AA96-01638A	ASSY COVER P-FRONT;29M6,HIPS HB,S56A,SV0		2		HA68-00335A	LABEL CAUTION;A/P100(G),S51A,HUN,POL,-,-	
3	WR+CF	6003-001019	SCREW-TAPTITE;RH,+B,M4,L12,ZPC(BLK),SWR		2		HA68-00336B	CARD-WARRANTY;A/P100(G),A5,NEW VERSION,I	
3	KC+CF	6003-001019	SCREW-TAPTITE;RH,+B,M4,L12,ZPC(BLK),SWR		2		AA59-00104K	REMOCON;-TM59,DREAM,29.L/GRAY,PAL-TTX	
3		AA64-02103C	WINDOW-RMC;LED;M6,ACRYL,HB,CLEAR		2		HA68-02125A	LABEL;A/P120(G),70,69,ALLXEC,BLAC	
4		HA83-00010A	LP-RESIN;OROGLAS,VM-100 ZHN 2		ASSY COVER REAR				
3		AA64-02100D	KNOB POWER;M6,HIPS,HB,SILVER		1		AA90-04722A	ASSY COVER REAR;29M6,S56A	
4		HA83-00040A	LP-MARKING PAINT;METALLIC SILVER,SV-012		2		HA64-02344B	CABINET BACK;29M6(SEH),VL-1823,SV012P-II	
4		HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB		3		AA81-00096A	RESIN-A;VL-1823,G5433,A	
4		HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY		2		AA65-30008A	CLAMPER CORE-CORD;-PE,HB,-,BLK,-	
3		AA64-70117B	BADGE-BRAND;AL,T1.5,1.0,6,L65,BLK,SILVER		2		AA65-30009A	CLAMPER CORE-FBT;-ABS,VO,-,BLK,-	
3		HA83-00049A	LP-ADHESIVE-HM;12MM,NTR		ASSY PACKING				
3		AA61-60003J	SPRING ETC-CS;-SUS304,-,-,OD6,N7,OD6,-,		1		AA91-06540A	ASSY CHASSIS;CZ29M64NSPXXEH,S56A,ELDOR	
3		AA65-30105A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,		2		AA94-13136A	ASSY PCB MAIN;CZ29M64NSPXXEH,S56A,ELDOR	
3		AA64-01506C	INLAY-AV;29K3,PVC-SHEET,TO.3,-,-,P/GRAY		3		0202-000187	SOLDER-WIRE FLUX;-RS60S,D1.2,63Sn/37Pb	
3		AA64-03674A	CABINET FRONT;29M6,HIPS,HB,SV012P,SEH,S5		3		0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
4		HA83-00040A	LP-MARKING PAINT;METALLIC SILVER,SV-012		3		0204-000442	SOLVENT;1M-1000,C3H7OH,96,-	
4		AA81-00106A	A/S-MARKING PAINT;P432U,DARK GREY,TPC		3		0204-001024	FLUX;DF-98TVS,-,20%,-	
4		HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB		3	D801S	0402-001399	DIODE-BRIDGE;GSIB660,600V,6A,SIP-4,BK	
4		HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY		3	D803	0402-001230	DIODE-RECTIFIER;FMG-G2CS,1000V,3A,TO-220	
3		AA64-02104D	DECORATION-POWER;M6,HIPS,HB,SILVER		3	D407	0402-001296	DIODE-RECTIFIER;FMP-3FU,1.5KV,5A,TO-3PF,	
4		HA83-00040A	LP-MARKING PAINT;METALLIC SILVER,SV-012		3	PC801S	0604-001038	PHOTO-COUPLER;TR,130-260%,200mV,DIP-4,ST	
4		HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB		3	IC701	1001-000199	IC-VIDEO SWITCH;NJM2246D,3-INPUT,DIP8P,	
4		HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY		3	IC202	1103-001106	IC-EEPROM;C81DC,1028x8Bit,DIP8P,300MIL,	
3		0203-001290	TAPE-OPP MASKING;ANT 100C,TO.073,W30,L50		3	ICE01	1202-000103	IC-VOLTAGE COMP;393,DIP8P,300MIL,DUAL,	
2		HA68-02179A	LABEL-RATING;58MM,53MM,WHITE		3	IC602	1204-002038	IC-SOUND PROCESSOR;MSP3410G-PO-83V3,PSDI	
2		AA65-30113A	CLAMPER CORE-D.COIL;-NYLON 66,V2,-,BLK,						
2	CF+SPK	6003-001024	SCREW-TAPTITE;RWH,+B,M4,L12,ZPC(YEL),SV						

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	R115	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R603	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP1.8X3.2M	
4	R250	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R606	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP1.8X3.2M	
4	R256	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R201	2001-000739	R-CARBON:4.7MOHM,5%,1/8W,AA,TP1.8X3.2M	
4	R257	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R212	2001-000739	R-CARBON:4.7MOHM,5%,1/8W,AA,TP1.8X3.2M	
4	R261	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R285	2001-000780	R-CARBON:4700HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R267	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R708	2001-000780	R-CARBON:4700HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R270	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R729	2001-000780	R-CARBON:4700HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R273	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R207	2001-000786	R-CARBON:47KOHM,5%,1/8W,AA,TP1.8X3.2MM	
4	R286	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R210	2001-000786	R-CARBON:47KOHM,5%,1/8W,AA,TP1.8X3.2MM	
4	R501	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R232	2001-000786	R-CARBON:47KOHM,5%,1/8W,AA,TP1.8X3.2MM	
4	R504	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R255	2001-000793	R-CARBON:470HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R505	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R713	2001-000793	R-CARBON:470HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R521	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R731	2001-000793	R-CARBON:470HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R522	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R737	2001-000793	R-CARBON:470HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R523	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R738	2001-000793	R-CARBON:470HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R633	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R211	2001-000857	R-CARBON:5600HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R634	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R715	2001-000857	R-CARBON:5600HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R640	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R205	2001-000924	R-CARBON:6800HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R641	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R706	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R645	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R712	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R646	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R727	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R703	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R732	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R704	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R734	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R710	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R736	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R717	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R742	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R725	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R743	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM	
4	R909	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R514	2001-001062	R-CARBON(S):10MOHM,5%,1/2W,AA,TP2.4X6.4	
4	R910	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R811	2001-001070	R-CARBON(S):1200HM,5%,1/2W,AA,TP2.4X6.4	
4	R911	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R409	2001-001077	R-CARBON(S):1500HM,5%,1/2W,AA,TP2.4X6.4	
4	R912	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	RE09	2001-001088	R-CARBON(S):1KOHM,5%,1/2W,AA,TP2.4X6.4M	
4	R913	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	RE11	2001-001088	R-CARBON(S):1KOHM,5%,1/2W,AA,TP2.4X6.4M	
4	R914	2001-000281	R-CARBON:1000HM,5%,1/8W,AA,TP1.8X3.2MM		4	R805	2001-001108	R-CARBON(S):22KOHM,5%,1/2W,AA,TP2.4X6.4	
4	J179	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R406	2001-001114	R-CARBON(S):2700HM,5%,1/2W,AA,TP2.4X6.4	
4	R108	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R813	2001-001150	R-CARBON(S):470KOHM,5%,1/2W,AA,TP2.4X6.4	
4	R209	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R814	2001-001150	R-CARBON(S):470KOHM,5%,1/2W,AA,TP2.4X6.4	
4	R218	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R247	2001-001161	R-CARBON(S):560KOHM,5%,1/2W,AA,TP2.4X6.4	
4	R224	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R807	2001-001170	R-CARBON(S):6.8OHM,5%,1/2W,AA,TP2.4X6.4	
4	R226	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R808	2001-001170	R-CARBON(S):6.8OHM,5%,1/2W,AA,TP2.4X6.4	
4	R227	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R812	2001-001182	R-CARBON(S):7.5KOHM,5%,1/2W,AA,TP2.4X6.4	
4	R233	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R810	2001-001192	R-CARBON(S):820OHM,5%,1/2W,AA,TP2.4X6.4	
4	R234	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R413	2001-001195	R-CARBON(S):820OHM,5%,1/2W,AA,TP2.4X6.4M	
4	R235	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	RX801S	2002-001010	R-COMPOSITION:1.8Mohm,5%,1/2W,AA,TP3.7x	
4	R258	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	RY801S	2002-001012	R-COMPOSITION:8.2Mohm,5%,1/2W,AA,TP3.7x	
4	R262	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R501H	2002-001017	R-COMPOSITION:1Kohm,10%,1/2W,AA,TP3.7x9	
4	R308	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R502H	2002-001017	R-COMPOSITION:1Kohm,10%,1/2W,AA,TP3.7x9	
4	R608	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	RE11	2002-001017	R-COMPOSITION:1Kohm,10%,1/2W,AA,TP3.7x9	
4	R639	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R304	2003-000537	R-METAL OXIDE(S):1Kohm,5%,1W,AF,TP3.3x9	
4	R843	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R802	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP4x12	
4	R845	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R803	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP4x12	
4	R251	2001-000325	R-CARBON:1200HM,5%,1/8W,AA,TP1.8X3.2MM		4	R804	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP4x12	
4	R275	2001-000325	R-CARBON:1200HM,5%,1/8W,AA,TP1.8X3.2MM		4	R837	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP4x12	
4	J181	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R838	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP4x12	
4	J199	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R402	2003-000755	R-METAL OXIDE(S):6.8Kohm,5%,2W,AF,TP4x1	
4	R231	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R403	2003-000993	R-METAL OXIDE(S):3.9Kohm,5%,1W,AF,TP2.5	
4	R259	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R836	2003-000998	R-METAL OXIDE(S):300ohm,5%,2W,AF,TP3.9x10m	
4	R711	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R407	2003-001040	R-METAL OXIDE(S):47Kohm,5%,2W,AF,TP3.9x	
4	R730	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R408	2003-001040	R-METAL OXIDE(S):47Kohm,5%,2W,AF,TP3.9x	
4	R903	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R421	2003-001045	R-METAL OXIDE(S):680ohm,5%,2W,AF,TP3.9x	
4	R244	2001-000435	R-CARBON:1MOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R424	2003-002008	R-METAL OXIDE(S):18Kohm,5%,2W,AF,TP3.9x	
4	R213	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP1.8X3.2M		4	R833	2003-002064	R-METAL OXIDE(S):7.5ohm,5%,2W,AF,TP10x3.9m	
4	R214	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP1.8X3.2M		4	R834	2003-002064	R-METAL OXIDE(S):7.5ohm,5%,2W,AF,TP10x3.9m	
4	R272	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP1.8X3.2M		4	R835	2003-002064	R-METAL OXIDE(S):7.5ohm,5%,2W,AF,TP10x3.9m	
4	R315	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP1.8X3.2M		4	R310	2003-002150	R-METAL OXIDE(S):2700HM,5%,2W,AG,TP6X16MM	
4	R215	2001-000472	R-CARBON:2.7KOHM,5%,1/8W,AA,TP1.8X3.2M		4	R311	2003-002150	R-METAL OXIDE(S):2700HM,5%,2W,AG,TP6X16MM	
4	R216	2001-000472	R-CARBON:2.7KOHM,5%,1/8W,AA,TP1.8X3.2M		4	RE06	2004-000698	R-METAL:3.3Kohm,1%,1/4W,AA,TP2.4x6.4m	
4	R901	2001-000522	R-CARBON:22KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	RE04	2004-001023	R-METAL:5.6Kohm,1%,1/8W,AA,TP1.8x3.2m	
4	R902	2001-000522	R-CARBON:22KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R829	2004-001371	R-METAL(S):1.5Kohm,1%,1/2W,AA,TP2.4x6.4	
4	R253	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R827	2004-001390	R-METAL(S):1Kohm,2%,1/2W,AA,TP2.4x6.4mm	
4	R289	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R303	2004-001394	R-METAL(S):2Kohm,1%,1/2W,AA,TP2.4x6.4mm	
4	R842	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R313	2004-001394	R-METAL(S):2Kohm,1%,1/2W,AA,TP2.4x6.4mm	
4	R269	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP1.8X3.2M		4	R411	2004-001402	R-METAL(S):6.8Kohm,1%,1/2W,AA,TP2.4x6.4	
4	R722	2001-000660	R-CARBON:33KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	RE03	2004-001402	R-METAL(S):6.8Kohm,1%,1/2W,AA,TP2.4x6.4	
4	R723	2001-000660	R-CARBON:33KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R203	2004-001914	R-METAL:39Kohm,2%,1/8W,AA,TP1.8x3.5mm	
4	R826	2001-000660	R-CARBON:33KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	R828	2004-001983	R-METAL(S):2.49Kohm,1%,1/2W,AA,TP2.4x6.4	
4	R223	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP1.8X3.2MM		4	RE02	2004-004029	R-METAL(S):10Kohm,1%,1/2W,AA,TP2.5x6.5m	
4	R228	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP1.8X3.2M		4	RE10	2004-004029	R-METAL(S):10Kohm,1%,1/2W,AA,TP2.5x6.5m	
4	R908	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP1.8X3.2M		4	R825	2004-001889	R-METAL(S):127Kohm,1%,1/2W,AA,TP2.5x6.5	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	C253	2401-002619	C-AL:47uF,20%,25V,GPTP5x11,5		4	J182	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C722	2401-002619	C-AL:47uF,20%,25V,GPTP5x11,5		4	J185	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C724	2401-002619	C-AL:47uF,20%,25V,GPTP5x11,5		4	J186	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C837	2401-002619	C-AL:47uF,20%,25V,GPTP5x11,5		4	J198	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C833	2401-003028	C-AL:100uF,20%,25V,WT,TP,6.3x11,5		4	J200	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J170	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J201	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J180	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J202	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L202	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J203	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L710	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J204	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	LE01	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J205	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	R271	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J206	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L220	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm		4	J207	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L221	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm		4	J208	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L405	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm		4	J209	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L201	2701-000158	INDUCTOR-AXIAL:22uH,10%,2.5x3.4mm		4	J210	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L205	2701-000158	INDUCTOR-AXIAL:22uH,10%,2.5x3.4mm		4	J211	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L601	2701-000158	INDUCTOR-AXIAL:22uH,10%,2.5x3.4mm		4	J212	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L102	2701-000159	INDUCTOR-AXIAL:22uH,10%,4.2x9.8mm		4	J213	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L630	2701-000169	INDUCTOR-AXIAL:3.9uH,10%,2.5x3.4mm		4	J215	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L631	2701-000169	INDUCTOR-AXIAL:3.9uH,10%,2.5x3.4mm		4	J218	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L604	2701-000170	INDUCTOR-AXIAL:3.9uH,10%,3x7mm		4	J219	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L206	2701-000184	INDUCTOR-AXIAL:4.7uH,10%,2.5x3.4mm		4	J220	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L101	2701-000202	INDUCTOR-AXIAL:560nH,10%,2.5x3.4mm		4	J221	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	X201	2801-003433	CRYSTAL-UNIT:12MHZ,30PPM,28-AAM,30PF,300		4	J222	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L407	2901-000297	FILTER-EMI ON BOARD:-3A,-,3.5x5,TP,-		4	J223	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L501	2901-000297	FILTER-EMI ON BOARD:-3A,-,3.5x5,TP,-		4	J224	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L805	2901-000297	FILTER-EMI ON BOARD:-3A,-,3.5x5,TP,-		4	J225	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L401	2901-000297	FILTER-EMI ON BOARD:-3A,-,3.5x5,TP,-		4	J226	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L502	2901-000297	FILTER-EMI ON BOARD:-3A,-,3.5x5,TP,-		4	J227	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	Z201	2903-001040	FILTER-CERAMIC:TR,5.5/6.0/6.5MHz,-,1dB,-		4	J229	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	Z203	2903-000181	FILTER-CERAMIC:BR,5.5MHz,-,TP,TP5,5		4	J232	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L301	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J233	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L302	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J234	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L404	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J235	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L406	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J239	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L603	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J240	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L801	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J241	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L802	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J242	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L803	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J243	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L804	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J244	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L809	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J245	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L888	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J248	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L709	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J257	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	LE02	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G		4	J258	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	FD802S	3601-001065	FUSE-AXIAL LEAD:125V,3.5A,FAST-ACTING,CE		4	J261	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	FD801S	3601-001228	FUSE-AXIAL LEAD:125V,10A,FAST-ACTING,EPO		4	J262	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	F801A	3602-000114	FUSE-HOLDER:-,30mohm		4	J263	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	F801B	3602-000114	FUSE-HOLDER:-,30mohm		4	J264	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	CN602	3711-002644	CONNECTOR-HEADER:BOX,5P1R,2.5mm,STRAIGH		4	J270	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	CN701	3711-002647	CONNECTOR-HEADER:BOX,8P1R,2.5mm,STRAIGH		4	J272	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C102	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J274	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C501	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J275	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C502	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J286	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C503	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J290	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C633	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J291	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	D203	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J301	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	D801	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J302	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J101	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J303	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J102	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J304	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J103	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J305	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J110	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J322	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J112	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J324	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J115	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J325	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J117	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J326	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J118	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J339	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J119	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J501	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J125	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J502	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J127	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J503	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J129	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J505	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J142	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J601	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J143	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J602	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J162	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J604	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J167	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J606	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J171	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J607	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J172	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J609	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J173	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J612	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J178	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)		4	J615	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
3		0204-000442	SOLVENT:1M-1000,C3H7OH,96,-						
3		0204-001024	FLUX:DF-98TVS,-,20%,-						
3	LD201C	0601-000465	LED:ROUND,GRN,5mm,565						
3	SW811S	3403-001134	SWITCH-PUSH:250V,5A,DPST,ON-OFF-						
3	PD811S	3711-004696	CONNECTOR-HEADER:NOWALL,3P1R,5MM,ANGLE,						
3	PD812S	3711-004697	CONNECTOR-HEADER:NOWALL,3P1R,5MM,ANGLE,						
3	SCREW	6001-000057	SCREW-MACHINE:RH,+,M3,L6,ZPC(BLK),SWRCH1						
3	SCREW	6003-001023	SCREW-TAPTITE:RWH,+,B,M3,L10,ZPC(YEL),SW						
3	RN201C	AA32-00012A	MODULE REMOCON:ORC-50HF2,38KHZ,940NM,MES						
3	CN902C	AA39-00100B	LEAD CONNECTOR-ASSY:,4P,400MM,YBNH250-04						
3	CN901C	AA39-20005A	LEAD CONNECTOR-ASSY:,3P500,YBNH025-03,6						
3	CN811	AA39-20179A	LEAD CONNECTOR-ASSY:,3(2)P,300MM,YFH800-						
3		AA61-00530B	BRACKET-MASTER:25M6,29M6,SECC						
3		AA63-10002A	BAND-TIE:NYLON66 V2,L100,NTR						
3		AA97-13918A	ASSY AUTO-CONTROL:CW21M63NSPXEC,XEC						
4	DZ205C	0403-000508	DIODE-ZENER:MTZJ5.6B,5.6V/5.45-5.73V,500						
4	R249C	2001-000005	R-CARBON:390ohm,5%,1/8W,AA,TP,1.8x3.2mm						
4	R265C	2001-000005	R-CARBON:390ohm,5%,1/8W,AA,TP,1.8x3.2mm						
4	R268C	2001-000241	R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M						
4	R266C	2001-000241	R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M						
4	R252C	2001-000472	R-CARBON:2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M						
4	R254C	2001-000472	R-CARBON:2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M						
4	R230C	2001-000793	R-CARBON:47OHM,5%,1/8W,AA,TP,1.8X3.2MM						
4	R220C	2001-000924	R-CARBON:680OHM,5%,1/8W,AA,TP,1.8X3.2MM						
4	C261C	2401-002009	C-AL:100uF,20%,16V,GP,TP6.3x7,5						
4	EY04	6042-000002	EYELET:ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H						
4	EY03	6042-000002	EYELET:ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H						
4	EY02	6042-000002	EYELET:ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H						
4	EY01	6042-000002	EYELET:ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H						
4	PCB	AA41-00730A	PCB-CONTROL:29M6/25M6,CEM-1,1LA,1.6T,24						
4	SW201C	3404-000282	SWITCH-TACT:12Vdc,50mA,120gf,6x6x5mm,SPS						
4	SW202C	3404-000282	SWITCH-TACT:12Vdc,50mA,120gf,6x6x5mm,SPS						
4	SW203C	3404-000282	SWITCH-TACT:12Vdc,50mA,120gf,6x6x5mm,SPS						
4	SW204C	3404-000282	SWITCH-TACT:12Vdc,50mA,120gf,6x6x5mm,SPS						
4	SW205C	3404-000282	SWITCH-TACT:12Vdc,50mA,120gf,6x6x5mm,SPS						

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	R220	2001-000924	R-CARBON:6800HM,5%,1/8W,AA,TP1.8X3.2MM		4	C887	2201-000374	C-CERAMIC,DISC:0.22NF,5%,50V,COG,TP,10.5	
4	R706	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C411	2201-000556	C-CERAMIC,DISC:0.47NF,10%,500V,Y5P,TP5.	
4	R712	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C413	2201-000556	C-CERAMIC,DISC:0.47NF,10%,500V,Y5P,TP5.	
4	R727	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C415	2201-000556	C-CERAMIC,DISC:0.47NF,10%,500V,Y5P,TP5.	
4	R732	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C249	2201-000573	C-CERAMIC,DISC:0.047NF,5%,50V,COG,TP,5X3	
4	R734	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C250	2201-000573	C-CERAMIC,DISC:0.047NF,5%,50V,COG,TP,5X3	
4	R736	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C410	2201-000599	C-CERAMIC,DISC:0.56NF,10%,500V,Y5P,TP5.	
4	R742	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C821	2201-000599	C-CERAMIC,DISC:0.56NF,10%,500V,Y5P,TP5.	
4	R743	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP1.8X3.2MM		4	C823	2201-000599	C-CERAMIC,DISC:0.56NF,10%,500V,Y5P,TP5.	
4	R514	2001-001062	R-CARBON(S):10MOHM,5%,1/2W,AA,TP2.4X6.4		4	C508	2201-000723	C-CERAMIC,DISC:4.7NF,20%,3KV,Y5U,TP,16X5	
4	R811	2001-001070	R-CARBON(S):1200HM,5%,1/2W,AA,TP2.4X6.4		4	C654	2201-000982	C-CERAMIC,DISC:10NF,+80-20%,50V,Y5V,TP4	
4	R409	2001-001077	R-CARBON(S):2700HM,5%,1/2W,AA,TP2.4X6.4		4	C826	2201-000991	C-CERAMIC,DISC:0.56NF,10%,2KV,Y5P,TP7.5	
4	RE09	2001-001088	R-CARBON(S):1KOHM,5%,1/2W,AA,TP2.4X6.4M		4	C302	2201-002103	C-CERAMIC,DISC:0.015NF,5%,500V,COG,TP,6.	
4	RE11	2001-001088	R-CARBON(S):1KOHM,5%,1/2W,AA,TP2.4X6.4M		4	C111	2202-000121	C-CERAMIC,MLC-AXIAL:100pf,10%,50V,Y5P,TP	
4	R805	2001-001108	R-CARBON(S):22KOHM,5%,1/2W,AA,TP2.4X6.4		4	C101	2202-000127	C-CERAMIC,MLC-AXIAL:10nf,+80-20%,25V,Y5V	
4	R406	2001-001114	R-CARBON(S):2700HM,5%,1/2W,AA,TP2.4X6.4		4	C106	2202-000127	C-CERAMIC,MLC-AXIAL:10nf,+80-20%,25V,Y5V	
4	R813	2001-001150	R-CARBON(S):470KOHM,5%,1/2W,AA,TP2.4X6.4		4	C107	2202-000127	C-CERAMIC,MLC-AXIAL:10nf,+80-20%,25V,Y5V	
4	R814	2001-001150	R-CARBON(S):470KOHM,5%,1/2W,AA,TP2.4X6.4		4	C226	2202-000127	C-CERAMIC,MLC-AXIAL:10nf,+80-20%,25V,Y5V	
4	R247	2001-001161	R-CARBON(S):560KOHM,5%,1/2W,AA,TP2.4X6.4		4	C632	2202-000286	C-CERAMIC,MLC-AXIAL:56pf,5%,50V,SL,TP1.	
4	R807	2001-001170	R-CARBON(S):6.80HM,5%,1/2W,AA,TP2.4X6.4		4	C230	2202-000632	C-CERAMIC,MLC-AXIAL:100nf,20%,50V,Z5U,TP	
4	R808	2001-001170	R-CARBON(S):6.80HM,5%,1/2W,AA,TP2.4X6.4		4	C231	2202-000632	C-CERAMIC,MLC-AXIAL:100nf,20%,50V,Z5U,TP	
4	R812	2001-001182	R-CARBON(S):7.5KOHM,5%,1/2W,AA,TP2.4X6.4		4	C232	2202-000632	C-CERAMIC,MLC-AXIAL:100nf,20%,50V,Z5U,TP	
4	R810	2001-001192	R-CARBON(S):820HM,5%,1/2W,AA,TP2.4X6.4		4	C252	2202-000632	C-CERAMIC,MLC-AXIAL:100nf,20%,50V,Z5U,TP	
4	R413	2001-001195	R-CARBON(S):820HM,5%,1/2W,AA,TP2.4X6.4M		4	C105	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3	
△	RX801S	2002-001010	R-COMPOSITION:1.8Mohm,5%,1/2W,AA,TP3.7x		4	C208	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3	
△	RY801S	2002-001012	R-COMPOSITION:8.2Mohm,5%,1/2W,AA,TP3.7x		4	C209	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3	
4	R501H	2002-001017	R-COMPOSITION:1Kohm,10%,1/2W,AA,TP3.7x9		4	C223	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3	
4	R502H	2002-001017	R-COMPOSITION:1Kohm,10%,1/2W,AA,TP3.7x9		4	C244	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3	
4	R511	2002-001017	R-COMPOSITION:1Kohm,10%,1/2W,AA,TP3.7x9		4	C634	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3	
4	R304	2003-000537	R-METAL OXIDE(S):1Kohm,5%,1W,AF,TP,3.3x9		4	C505	2202-000825	C-CERAMIC,MLC-AXIAL:680pf,10%,50V,Y5P,TP	
4	R802	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP,4x12		4	C245	2202-000849	C-CERAMIC,MLC-AXIAL:0.018NF,5%,50V,COG,TP	
4	R803	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP,4x12		4	C657	2301-000108	C-FILM,PEF:1.5nf,5%,50V,TP,6.5x3.0x5.5mm	
4	R804	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP,4x12		4	C661	2301-000108	C-FILM,PEF:1.5nf,5%,50V,TP,6.5x3.0x5.5mm	
4	R837	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP,4x12		4	CE03	2301-000111	C-FILM,PEF:1.8nf,5%,50V,TP,6.5x3.0x5.5mm	
4	R838	2003-000586	R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP,4x12		4	C652	2301-000192	C-FILM,PEF:1nf,5%,50V,TP,5.3x10mm,5mm	
4	R402	2003-000755	R-METAL OXIDE(S):6.8Kohm,5%,2W,AF,TP,4x1		4	C653	2301-000192	C-FILM,PEF:1nf,5%,50V,TP,5.3x10mm,5mm	
4	R403	2003-000993	R-METAL OXIDE(S):3.9Kohm,5%,1W,AF,TP,2.5		4	C243	2301-000224	C-FILM,PEF:22nf,5%,50V,TP,7.4x3.9x13mm,5	
4	R836	2003-000998	R-METAL OXIDE:300ohm,5%,2W,AF,TP,3.9x10mm		4	C809	2301-000224	C-FILM,PEF:22nf,5%,50V,TP,7.4x3.9x13mm,5	
4	R407	2003-001040	R-METAL OXIDE(S):47Kohm,5%,2W,AF,TP,3.9x		4	C830	2301-000224	C-FILM,PEF:22nf,5%,50V,TP,7.4x3.9x13mm,5	
4	R408	2003-001040	R-METAL OXIDE(S):47Kohm,5%,2W,AF,TP,3.9x		4	CE04	2301-000232	C-FILM,PEF:3.3nf,5%,50V,TP,8.1x4.5x13mm,	
4	R421	2003-001045	R-METAL OXIDE(S):680ohm,5%,2W,AF,TP,3.9x		4	C310	2301-000247	C-FILM,PEF:33nf,5%,50V,TP,8.1x4.5x13mm,5	
4	R424	2003-002008	R-METAL OXIDE(S):18Kohm,5%,2W,AF,TP,3.9x		4	C305	2301-000254	C-FILM,PEF:39nf,5%,50V,TP,7.5x3.5x6.5mm,	
4	R833	2003-002064	R-METAL OXIDE:7.5ohm,5%,2W,AF,TP,10x3.9m		4	C806	2301-000289	C-FILM,PEF:5.6nf,5%,50V,TP,7x6x3.5	
4	R834	2003-002064	R-METAL OXIDE:7.5ohm,5%,2W,AF,TP,10x3.9m		4	C213	2301-000342	C-FILM,PEF:2.2nf,5%,50V,TP,7.4x3.9x13mm,	
4	R835	2003-002064	R-METAL OXIDE:7.5ohm,5%,2W,AF,TP,10x3.9m		4	C214	2301-000342	C-FILM,PEF:2.2nf,5%,50V,TP,7.4x3.9x13mm,	
4	R310	2003-002150	R-METAL OXIDE:2700HM,5%,2W,AG,TP,6X16MM		4	C227	2301-000342	C-FILM,PEF:2.2nf,5%,50V,TP,7.4x3.9x13mm,	
4	R311	2003-002150	R-METAL OXIDE:2700HM,5%,2W,AG,TP,6X16MM		4	C602	2301-000342	C-FILM,PEF:2.2nf,5%,50V,TP,7.4x3.9x13mm,	
4	RE06	2004-000698	R-METAL:3.3Kohm,1%,1/4W,AA,TP,2.4x6.4mm		4	C660	2301-000342	C-FILM,PEF:2.2nf,5%,50V,TP,7.4x3.9x13mm,	
4	RE04	2004-001023	R-METAL:5.6Kohm,1%,1/8W,AA,TP1.8x3.2mm		4	C259	2301-000383	C-FILM,PEF:10nf,5%,50V,TP,6x7x3.2mm,5mm	
4	R829	2004-001371	R-METAL(S):1.5Kohm,1%,1/2W,AA,TP,2.4x6.4		4	C409	2301-000383	C-FILM,PEF:10nf,5%,50V,TP,6x7x3.2mm,5mm	
4	R827	2004-001390	R-METAL(S):1Kohm,2%,1/2W,AA,TP,2.4x6.4mm		4	C709	2301-000383	C-FILM,PEF:10nf,5%,50V,TP,6x7x3.2mm,5mm	
4	R303	2004-001394	R-METAL(S):2Kohm,1%,1/2W,AA,TP,2.4x6.4mm		4	C716	2301-000383	C-FILM,PEF:10nf,5%,50V,TP,6x7x3.2mm,5mm	
4	R313	2004-001394	R-METAL(S):2Kohm,1%,1/2W,AA,TP,2.4x6.4mm		4	CE02	2301-000383	C-FILM,PEF:10nf,5%,50V,TP,6x7x3.2mm,5mm	
4	R411	2004-001402	R-METAL(S):6.8Kohm,1%,1/2W,AA,TP,2.4x6.4		4	C215	2301-000445	C-FILM,PEF:4.7nf,5%,50V,TP,5.7x3mm,5mm	
4	RE03	2004-001402	R-METAL(S):6.8Kohm,1%,1/2W,AA,TP,2.4x6.4		△	CR404S	2301-001258	C-FILM,PPF:39nf,5%,400V,TP,19.5x9x15.7,5	
4	R203	2004-001914	R-METAL:39Kohm,2%,1/8W,AA,TP1.8x3.5mm		4	C504	2301-001259	C-FILM,MPPF:100nf,5%,400V,TP,19x8x16,7,5	
4	R828	2004-001983	R-METAL(S):2.49Kohm,1%,1/2W,AA,TP,2.4x6.4		4	C808	2301-001435	C-FILM,PPF:1.5nf,5%,1.2kV,TP,15x8x12.5mm	
4	R410	2004-002011	R-METAL(S):110Kohm,1%,1/2W,AA,TP,2.4x6.4		4	C303	2305-000149	C-FILM,MPEF:100nf,5%,100V,TP,12x12.5x6.5	
4	RE02	2004-004029	R-METAL(S):10Kohm,1%,1/2W,AA,TP,2.5x6.5mm		4	C301	2305-000285	C-FILM,MPEF:220nf,5%,100V,TP,10.5X5.5X15	
4	R825	2004-004364	R-METAL(S):152Kohm,1%,1/2W,AA,TP,2.4x6.4		4	C217	2305-000289	C-FILM,MPEF:220nf,5%,63V,TP,-5mm	
4	R412	2008-000253	R-FUSIBLE(S):0.47ohm,5%,1W,AF,TP,3.9x10mm		4	C247	2305-000289	C-FILM,MPEF:220nf,5%,63V,TP,-5mm	
4	R416	2008-000253	R-FUSIBLE(S):0.47ohm,5%,1W,AF,TP,3.9x10mm		4	C407	2305-000382	C-FILM,MPEF:4.7nf,5%,400V,TP,-5mm	
4	RE05	2008-000253	R-FUSIBLE(S):0.47ohm,5%,1W,AF,TP,3.9x10mm		4	C220	2305-000412	C-FILM,MPEF:470nf,5%,63V,TP,-5mm	
4	R513	2008-000254	R-FUSIBLE(S):0.68ohm,5%,2W,AF,TP,3.9x10mm		4	C721	2305-000412	C-FILM,MPEF:470nf,5%,63V,TP,-5mm	
4	R840	2008-000266	R-FUSIBLE(S):1ohm,5%,2W,AF,TP,3.9x10mm		4	C723	2305-000412	C-FILM,MPEF:470nf,5%,63V,TP,-5mm	
4	R841	2008-000294	R-FUSIBLE(S):33ohm,5%,2W,AF,TP,3.9x10mm		4	C725	2305-000412	C-FILM,MPEF:470nf,5%,63V,TP,-5mm	
4	R512	2008-000299	R-FUSIBLE(S):47ohm,5%,2W,AF,TP,3.9x10mm		4	C726	2305-000412	C-FILM,MPEF:470nf,5%,63V,TP,-5mm	
4	R415	2008-000266	R-FUSIBLE(S):1ohm,5%,2W,AF,TP,3.9x10mm		4	C109	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4	R312	2008-001076	R-FUSIBLE(S):1.8ohm,5%,2W,AF,TP,3.9x10mm		4	C211	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4	R314	2008-001076	R-FUSIBLE(S):1.8ohm,5%,2W,AF,TP,3.9x10mm		4	C216	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
△	CR405S	2201-000132	C-CERAMIC,DISC:0.1NF,10%,500V,Y5P,TP,6.5		4	C225	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4	C251	2201-000138	C-CERAMIC,DISC:0.1NF,10%,50V,Y5P,TP,4X4M		4	C228	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4	C630	2201-000304	C-CERAMIC,DISC:0.001NF,0.25PF,50V,COG,TP		4	C236	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4	C631	2201-000304	C-CERAMIC,DISC:0.001NF,0.25PF,50V,COG,TP		4	C237	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4	C804	2201-000332	C-CERAMIC,DISC:2.2NF,20%,250V,Y5U,TP,9X4		4	C637	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4	C805	2201-000332	C-CERAMIC,DISC:2.2NF,20%,250V,Y5U,TP,9X4		4	C807	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	
4					4	C835	2305-000665	C-FILM,MPEF:100nf,5%,63V,TP,7.5x4.0x5.0m	

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	C645	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP7.5x4.0x5.0mm		4	L601	2701-000158	INDUCTOR-AXIAL:22uH,10%,2.5x3.4mm	
4	C417	2306-000224	C-FILM,MPPF:47nF,5%,400V,TP19x15.5x7.7		4	L102	2701-000159	INDUCTOR-AXIAL:22uH,10%,4.2x9.8mm	
4	C207	2309-000138	C-FILM,PE-PPF:100nF,5%,50V,TP20x16x8.5		4	L630	2701-000169	INDUCTOR-AXIAL:3.9uH,10%,2.5x3.4mm	
4	C828	2401-000293	C-AL:100uF,+30-10%,200V,GP,TP,16x25		4	L631	2701-000169	INDUCTOR-AXIAL:3.9uH,10%,2.5x3.4mm	
4	C218	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L604	2701-000170	INDUCTOR-AXIAL:3.9uH,10%,3x7mm	
4	C224	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L206	2701-000184	INDUCTOR-AXIAL:4.7uH,10%,2.5x3.4mm	
4	C229	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L101	2701-000202	INDUCTOR-AXIAL:560nH,10%,2.5x3.4mm	
4	C238	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	X201	2801-003433	CRYSTAL-UNIT:12MHZ,30PPM,28-AAM,30PF,300	
4	C246	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L407	2901-000297	FILTER-EMI ON BOARD:-,3A,-,-,3.5x5,TP-	
4	C248	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L501	2901-000297	FILTER-EMI ON BOARD:-,3A,-,-,3.5x5,TP-	
4	C260	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L805	2901-000297	FILTER-EMI ON BOARD:-,3A,-,-,3.5x5,TP-	
4	C261	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		△ 4	L401	2901-000297	FILTER-EMI ON BOARD:-,3A,-,-,3.5x5,TP-	
4	C408	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L502	2901-000297	FILTER-EMI ON BOARD:-,3A,-,-,3.5x5,TP-	
4	C635	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	Z201	2903-001040	FILTER-CERAMIC:TR,5.5/6.0/6.5MHz,-,1dB,-	
4	C656	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	Z203	2903-000181	FILTER-CERAMIC:BR,5.5MHz,-,-,-,TP,TPSS.5	
4	C662	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L301	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C707	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L302	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C834	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L404	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C838	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L406	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C839	2401-000302	C-AL:100uF,20%,25V,GP,TP6.3x11,5		4	L603	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C304	2401-000365	C-AL:100uF,20%,50V,WT,TP,10x12.5mm,		4	L801	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C306	2401-000365	C-AL:100uF,20%,50V,WT,TP,10x12.5mm,		4	L802	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C506	2401-000430	C-AL:10uF,20%,50V,GP,TP,10x16mm,5m		4	L803	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C108	2401-000480	C-AL:10uF,20%,50V,GP,TP5x11,5		4	L804	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C210	2401-000480	C-AL:10uF,20%,50V,GP,TP5x11,5		4	L809	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C638	2401-000480	C-AL:10uF,20%,50V,GP,TP5x11,5		4	L888	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C646	2401-000480	C-AL:10uF,20%,50V,GP,TP5x11,5		4	L709	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C647	2401-000480	C-AL:10uF,20%,50V,GP,TP5x11,5		4	LE02	3301-000287	BEAD-AXIAL:AA,3.5x1.0x6.0mm,1500,2400G	
4	C836	2401-000480	C-AL:10uF,20%,50V,GP,TP5x11,5		4	SW201	3404-000244	SWITCH-TACT:15V,20mA,90-170gf,7.5x7mm,SP	
4	C212	2401-000603	C-AL:1uF,20%,50V,GP,TP5X11,2		4	SW202	3404-000244	SWITCH-TACT:15V,20mA,90-170gf,7.5x7mm,SP	
4	C240	2401-000603	C-AL:1uF,20%,50V,GP,TP5X11,2		4	SW203	3404-000244	SWITCH-TACT:15V,20mA,90-170gf,7.5x7mm,SP	
4	C603	2401-000603	C-AL:1uF,20%,50V,GP,TP5X11,2		4	SW204	3404-000244	SWITCH-TACT:15V,20mA,90-170gf,7.5x7mm,SP	
4	C203	2401-000660	C-AL:2.2uF,20%,50V,GP,TP5x11,5		4	SW205	3404-000244	SWITCH-TACT:15V,20mA,90-170gf,7.5x7mm,SP	
4	C206	2401-000660	C-AL:2.2uF,20%,50V,GP,TP5x11,5		△ 4	FD802S	3601-001065	FUSE-AXIAL LEAD:125V,3.5A,FAST-ACTING,CE	
4	C822	2401-000711	C-AL:2200uF,20%,25V,GP,TP,16x25,7.5		△ 4	FD801S	3601-001228	FUSE-AXIAL LEAD:125V,10A,FAST-ACTING,EPO	
4	C824	2401-000722	C-AL:2200uF,20%,25V,WT,TP,16x25,7.5		4	F801A	3602-000114	FUSE-HOLDER:-,-,30mohm	
4	C416	2401-000927	C-AL:22uF,20%,250V,GP,TP,13x20,5		4	F801B	3602-000114	FUSE-HOLDER:-,-,30mohm	
4	C644	2401-001026	C-AL:3.3uF,20%,50V,GP,TP5X11,5		4	CN602	3711-002644	CONNECTOR-HEADER:BOX,5P,1R,2.5mm,STRAIGH	
4	C655	2401-001026	C-AL:3.3uF,20%,50V,GP,TP5X11,5		4	CN701	3711-002647	CONNECTOR-HEADER:BOX,8P,1R,2.5mm,STRAIGH	
4	C802	2401-001192	C-AL:33uF,20%,50V,GP,TP6.3x11,5		4	C102	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C507	2401-001232	C-AL:4.7uF,20%,250V,GP,TP,10x12.5,5		4	C501	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C412	2401-001397	C-AL:470uF,20%,25V,GP,TP,10x16,5		4	C502	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C414	2401-001397	C-AL:470uF,20%,25V,GP,TP,10x16,5		4	C503	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C601	2401-001914	C-AL:1uF,20%,50V,BP,TP5x11,5		4	C633	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C605	2401-001914	C-AL:1uF,20%,50V,BP,TP5x11,5		4	D203	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C640	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		△ 4	D801	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C641	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		4	J101	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C650	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		4	J102	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C651	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		4	J103	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C663	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		4	J110	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C664	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		4	J112	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C665	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		4	J115	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C666	2401-001989	C-AL:4.7uF,20%,50V,BP,TP5x11,5		4	J117	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C607	2401-001998	C-AL:1000uF,20%,25V,GP,TP,10x20,5mm		4	J118	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C201	2401-002075	C-AL:4.7uF,20%,50V,GP,TP5x11,5		4	J119	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C604	2401-002075	C-AL:4.7uF,20%,50V,GP,TP5x11,5		4	J125	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C419	2401-002268	C-AL:2.2uF,20%,250V,LZ,TP8X11,5		4	J127	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C233	2401-002300	C-AL:47uF,20%,50V,GP,TP6.3x11,5		4	J129	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C840	2401-002594	C-AL:220uF,20%,16V,GP,TP8x11,5,5		4	J142	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	CE01	2401-002597	C-AL:220uF,20%,35V,GP,TP,10x12.5,5		4	J143	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C253	2401-002619	C-AL:47uF,20%,25V,GP,TP5x11,5		4	J162	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C722	2401-002619	C-AL:47uF,20%,25V,GP,TP5x11,5		4	J167	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C724	2401-002619	C-AL:47uF,20%,25V,GP,TP5x11,5		4	J171	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C837	2401-002619	C-AL:47uF,20%,25V,GP,TP5x11,5		4	J172	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	C833	2401-003028	C-AL:100uF,20%,25V,WT,TP6.3x11,5		4	J173	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J170	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J178	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	J180	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J182	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L202	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J185	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L710	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J186	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	LE01	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J198	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	R271	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		4	J200	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L220	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm		4	J201	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L221	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm		4	J202	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L405	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm		4	J203	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L201	2701-000158	INDUCTOR-AXIAL:22uH,10%,2.5x3.4mm		4	J204	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	L205	2701-000158	INDUCTOR-AXIAL:22uH,10%,2.5x3.4mm		4	J205	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	EY413	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	EY855	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY414	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	EY856	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY415	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	EY857	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY416	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	HC101	AA13-20004W	IC HYBRID ; PAPI03T,SIP,6PRE-AMP,TP	
4	EY417	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	PCB	AA41-00785B	PCB MAIN;CW28D8,FR-1,1L,B,1.6T,245X330,	
4	EY418	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT102	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY419	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT501	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY420	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT502	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY421	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT503	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY422	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT801	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY423	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT802	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY424	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT803	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY425	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT804	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY426	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT805	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY427	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT806	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY428	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT403	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY430	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT103	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY431	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT104	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY432	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT105	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY433	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	GT106	AA60-40014A	PIN-GT,ASSY:AUTO	
4	EY434	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	L701	2701-000180	INDUCTOR-AXIAL;33uH,5%,2.5x3.4mm	
4	EY435	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	L702	2701-000180	INDUCTOR-AXIAL;33uH,5%,2.5x3.4mm	
4	EY437	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	L705	2701-000180	INDUCTOR-AXIAL;33uH,5%,2.5x3.4mm	
4	EY440	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	L706	2701-000180	INDUCTOR-AXIAL;33uH,5%,2.5x3.4mm	
4	EY441	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	L707	2701-000180	INDUCTOR-AXIAL;33uH,5%,2.5x3.4mm	
4	EY601	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	L708	2701-000180	INDUCTOR-AXIAL;33uH,5%,2.5x3.4mm	
4	EY602	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C717	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY603	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C718	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY604	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C719	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY801	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C720	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY802	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C732	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY803	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C733	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY804	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C736	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY805	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C737	2202-000231	C-CERAMIC,MLC-AXIAL:0.33NF,10%,50V,Y5P,T	
4	EY806	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	R604	2001-000347	R-CARBON;13KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	EY807	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	R607	2001-000347	R-CARBON;13KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	EY808	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	C117	2401-000962	C-AL;22uF,20%,50V,GP,TP;5x11.5	
4	EY809	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4	R204	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
4	EY810	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	CN501	AA39-20604A	LEAD CONNECTOR-ASSY;UL1007#26,UL/CSA,9/	
4	EY811	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	TU01	AA40-00076A	TUNER;TECCO949PG35A(S),PAL,181CH,38.	
4	EY812	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	GT301	AA60-40012D	PIN-GT,ASSY:T1.6-6-12.5-.NYLON66-	
4	EY814	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3		AA65-30009A	CLAMPER CORE-FBT;-ABS,VO,-,BLK,-	
4	EY815	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3		AA65-30018A	CLAMPER CORE-WIRE-DONG-A,NYLON-66,-,-,-	
4	EY816	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3		AA65-30111A	CLAMPER CORE-WIRE-ALL MODEL,NYLON,VO,-,W	
4	EY818	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	Q804	0502-000242	TR-POWER;KSA614,PNP,25W,T0-220,TP,40-24	
4	EY819	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	Q403	0502-001007	TR-POWER;KSC2073-H2,NPN,25W,T0-220,ST,6	
4	EY820	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	QE01	0505-001723	FET-SILICON;FQP630T,STU,N,200V,9A,0.4OHM,	
4	EY821	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	X601	2801-004020	CRYSTAL-UNIT;18.432MHz,30ppm,28-AAM,12pf	
4	EY822	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		2		HA94-05784B	ASSY PCB-PFC;25-28,4:3,5784A	
4	EY823	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP05	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY824	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP07	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY825	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP09	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY826	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP10	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY827	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP11	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY828	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP12	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY829	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP13	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY830	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP14	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY831	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP15	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY832	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP16	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY833	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP17	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY835	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP18	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY836	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP01	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY837	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP02	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY838	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP03	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY843	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP04	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY844	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP06	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY845	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	EYP08	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	
4	EY846	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	JP01	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4	EY847	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	JP02	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
4	EY848	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	PCB	AA41-00403A	PCB-PFC;CS2939,CEM-1,1L,A,1.6T,245x245,K	
4	EY849	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3		HA68-02176A	LABEL;LABEL	
4	EY850	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	CNP02	AA39-00236A	LEAD CONNECTOR-ASSY;3(2)P;300MM,YHL500-	
4	EY851	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3	PFT01	AA27-00116A	COIL CHOKE;CODE_NO,-,35mH,-,0,+5%,-,2.80	
4	EY852	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		3		HA61-00995A	HOLDER-PFC;ALLMODELL,HIPS	
4	EY853	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4		HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB	
4	EY854	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H		4		HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY	

Level	Loc. No.	Code No.	Description ; Specification	Remark
3		HA98-600020	ASSY-SUB,PART:KS4A,PFC PCB	
4		0202-000008	SOLDER-WIRE:S63S-W3.0,S63S,D3,63Sn/37Pb,	
4		0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	
4		0204-001024	FLUX:DF-98TVS,-,20%,-	
4		0204-000442	SOLVENT:1M-1000,C3H7OH,9%,-	
3		6003-001023	SCREW-TAPTITE:RW,+,B,M3,L10,ZPC(YEL),SW	
3	CNP02	3711-004721	CONNECTOR-HEADER:3WALL,2P,1R,12.5mm,STRA	
3	CNP01	3711-004720	CONNECTOR-HEADER:3WALL,2P,1R,12.5mm,STRA	
3	CNP01	AA39-00235A	LEAD CONNECTOR-ASSY:3(2)P:300MM,YHL500-	
△	LX803S	AA29-00015A	FILTER LINE NOISE:WS32W8,28-20MH 1.5A,+	
△	CX803S	2306-000318	C-FILM,MPPF:220NF,20%,250V,BK,-,22.5	
2		AA95-03090A	ASSY SUB-PCB,A/V SIDE:25V5,S56A	
3		0202-000008	SOLDER-WIRE:S63S-W3.0,S63S,D3,63Sn/37Pb,	
3		0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	
3		0204-000442	SOLVENT:1M-1000,C3H7OH,9%,-	
3		0204-001024	FLUX:DF-98TVS,-,20%,-	
3	JE01	3722-000143	JACK-PHONE:1P(VER),3,4PI,AG,BLK,NO	
3	JA01	3722-001031	JACK-PIN:3P,3.6mm,#18,AU	
3	CN06A	AA39-00070A	LEAD CONNECTOR-ASSY:4P,200MM,YBNH250-04	
3	CN01A	AA39-00353A	LEAD CONNECTOR:1007/1185#26,UL/CSA,8P,50	
3	CN05A	AA39-20069C	LEAD CONNECTOR-ASSY:5P,400,YBNH025-05,6	
3		AA63-10002A	BAND-TIE:NYLON66 V2,L100,NTR	
3		AA97-13001A	ASSY AUTO-A/V SIDE:AA95-03090A	
4	RA02	2001-000028	R-CARBON(S):1000HM,5%,1/2W,AA,TP,2,4X6.4	
4	RA01	2001-000028	R-CARBON(S):1000HM,5%,1/2W,AA,TP,2,4X6.4	
4	CA02	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
4	CA01	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
4	CA03	2202-000222	C-CERAMIC,MLC-AXIAL:3.3nF,20%,16V,Y5P,TP	
4	CA04	2202-000222	C-CERAMIC,MLC-AXIAL:3.3nF,20%,16V,Y5P,TP	
4	CA07	2401-000025	C-AL:100uF,20%,16V,GPTP6.3x11,5	
4	CA06	2401-000025	C-AL:100uF,20%,16V,GPTP6.3x11,5	
4	LA02	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm	
4	LA01	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm	
4	PCB	AA41-00747B	PCB-SIDE A/V:CS29D8,FR,4,1L,B,245X245,S5	
4	LA03	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
4	LA04	3812-000219	WIRE-NO SHEATH CU:TCWA,300V,52mm(TAPING)	
△	2	AA96-01127B	ASSY POWER CORD:DPAA39-10001M,CP2,H/C40	
3		AA39-10001M	CBF POWER CORD:-,KJP-140,KLCE-2F,2.4m,HO	
3		AA61-20284A	HOLDER:P-CORD,PP,-,-,BLK,VO,KE-002	

ASSY COVER FRONT

1	AA90-04554A	ASSY COVER FRONT:28D8,S56A	
2	CB+CF	6002-000515	SCREW-TAPPING:RH,+,2,M4,L15,ZPC(WHT),SWR
2	CB+SCR	6002-000515	SCREW-TAPPING:RH,+,2,M4,L15,ZPC(WHT),SWR
2	CF+PCB(AV)	6003-001019	SCREW-TAPTITE:RH,+,B,M4,L12,ZPC(BLK),SWR
2	CRT+CF	AA60-100500	SCREW-ASSY:-,SWRCH18A,M5,L26.5,HH,+,WC,-
2		AA63-10002A	BAND-TIE:NYLON66 V2,L100,NTR
2		AA65-30009A	CLAMPER CORE-FBT,-,ABS,VO,-,BLK,-
2		AA96-01297D	ASSY COVER P-FRONT:28D8,HIPS,HB,SILVER,S
3	CF+KC	6003-001019	SCREW-TAPTITE:RH,+,B,M4,L12,ZPC(BLK),SWR
3	CF+SPK	6003-001019	SCREW-TAPTITE:RH,+,B,M4,L12,ZPC(BLK),SWR
3	CF+WVR	6003-001019	SCREW-TAPTITE:RH,+,B,M4,L12,ZPC(BLK),SWR
3		AA61-60003J	SPRING ETC-CS:-,SUS304,-,OD6,N7,OD6,-,
3		AA64-02868A	KNOB CONTROL:25D8,HIPS,HB,GRY
4		HA83-00006A	LP-RESIN HIPS:,BASF495F,NTR,HB
4		HA83-00011A	LP-RESIN:,M BATCH,WILSON 6007-GY-60,GRY
4		HA83-00040A	LP-MARKING PAINT:,METALLIC SILVER,SV-012
3		HA64-02315A	WINDOW-RMIC,LED:28D8(SEH),PC,CLR
4		HA83-00010A	LP-RESIN:,OROGLAS,VM-100 ZHN 2
3		AA64-70117B	BADGE-BRAND:,AL,T1.5,10.6,L65,BLK,SILVER
3		AA65-30105A	CLAMPER CORE-WIRE:ALL MODEL,NYLON 66,V2,
3		HA83-00049A	LP-ADHESIVE-HM:12MM,NTR
3		AA64-03547A	CABINET FRONT:28D8,HIPS,HB,SV012P,S56A
4		HA83-00021A	LP-MARKING PAINT:,WHITE,TPC180
4		HA83-00040A	LP-MARKING PAINT:,METALLIC SILVER,SV-012
4		HA83-00006A	LP-RESIN HIPS:,BASF495F,NTR,HB
4		HA83-00011A	LP-RESIN:,M BATCH,WILSON 6007-GY-60,GRY
3		AA64-02316A	KNOB-POWER:28D8(SEH),HIPS,HB,GRY
4		HA83-00040A	LP-MARKING PAINT:,METALLIC SILVER,SV-012
4		HA83-00006A	LP-RESIN HIPS:,BASF495F,NTR,HB
4		HA83-00011A	LP-RESIN:,M BATCH,WILSON 6007-GY-60,GRY
3		HA61-00711C	HOLDER-PCB:29K8,HIPS,HB,GRY
4		HA83-00006A	LP-RESIN HIPS:,BASF495F,NTR,HB

Level	Loc. No.	Code No.	Description ; Specification	Remark
4		HA83-00011A	LP-RESIN:,M BATCH,WILSON 6007-GY-60,GRY	
3		3001-001092	SPEAKER:10W,80HM,87DB,150HZ	
3		AA39-00102C	LEAD CONNECTOR-ASSY:4P,350,700MM,35155-	
3	holder PCB	HA83-00049A	LP-ADHESIVE-HM:12MM,NTR	
3		0203-001290	TAPE-OPP MASKING:ANT 100C,TO.073,W30,L50	
3		AA61-40113A	STOPPER-PCB:501H,HIPS,-,-,HB,NTR,-	
2		HA68-02179A	LABEL-RATING:58MM,53MM,WHITE	
2		AA65-30110A	CLAMPER CORE-WIRE:ALL MODEL,NYLON 66,V2,	
2	qms	HA83-00052A	LP-TAPE-INK:,WIDTH 55 MM	
2	rating	HA83-00052A	LP-TAPE-INK:,WIDTH 55 MM	
2		AA65-30007A	CLAMPER CORE-D,COIL:-,NYLON-66,VO,-,NTR,	
2		HA68-02177B	LABEL-POS:ALL,30MM,65MM,WHITE,AA68-02177	

ASSY PACKING

1	AA90-03212A	ASSY PACKING:28D8	
2	AA60-40006A	PIN-STAPLE:AUTO,33X17.8X2.4,H18,33X17.8X	
2	HA68-02178A	LABEL-BOX:250MM,89MM,WHITE	
2	HA69-01469A	CUSHION-SET:28D8(SEH),PS,C-0-02	
2	HA69-01482A	PACKING CASE:28D8(SEH),810,615,680,YEL	
2	AA69-00744E	BAG-SHEET:-,HDPE PE FOAM,TO.015,W1300,H1	
2	HA83-00046A	LP-TAPE INK:,WIDTH 105 MM	

ASSY CPT

1	AA91-06150A	ASSY CPT:CV28D83NSPXXEC,28,A66EHJ13X38	
2	AA39-20518A	LEAD CONNECTOR-ASSY:6(4)P:350MM,YFH806-	
△	2	AA03-00276A	CRT COLOR:A66EHJ13X38,+450MG,1.5MH,12.0M
2	AA27-00264A	COIL DEGAUSSING:,29INCH,10%,35TS,4.5OHM,	
2	AA63-10002A	BAND-TIE:NYLON66 V2,L100,NTR	
2	AA96-01645A	ASSY TBC WIRE P:28INCH,PAL,2P+1P	

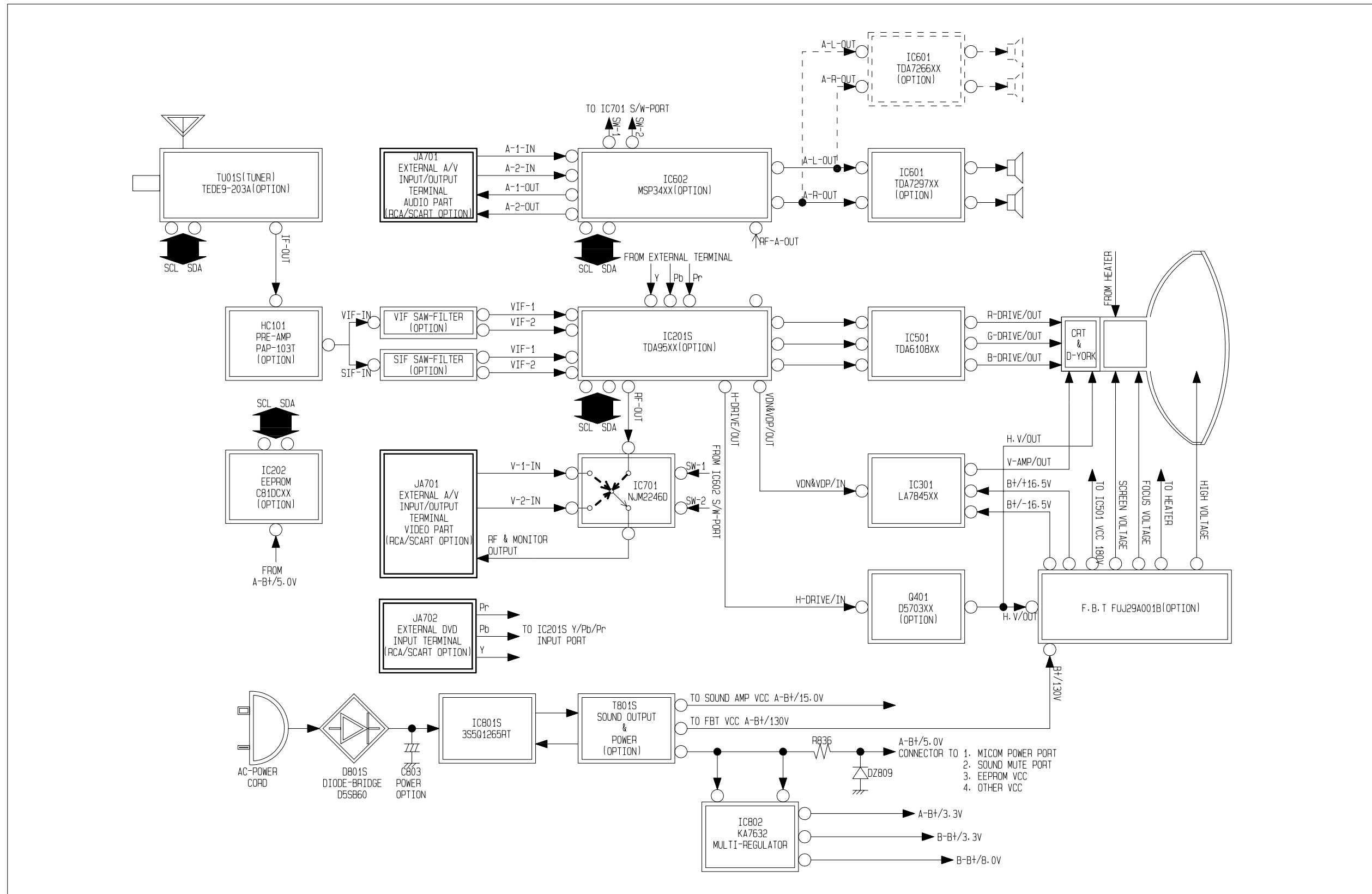
ASSY COVER REAR

1	AA90-04557A	ASSY COVER REAR:28D8,S56A,SEH	
2	HA64-02313B	CABINET BACK:28D8(SEH),VL-1823,GRY	
3	AA81-00096A	RESIN-A:VL-1823,G5433,A	
2	AA65-30008A	CLAMPER CORE-CORD:-,PE,HB,-,BLK,-	
2	AA64-00894L	INLAY-BACK:21K2,PS SHEET,TO.3,BLK,KS1B 2	

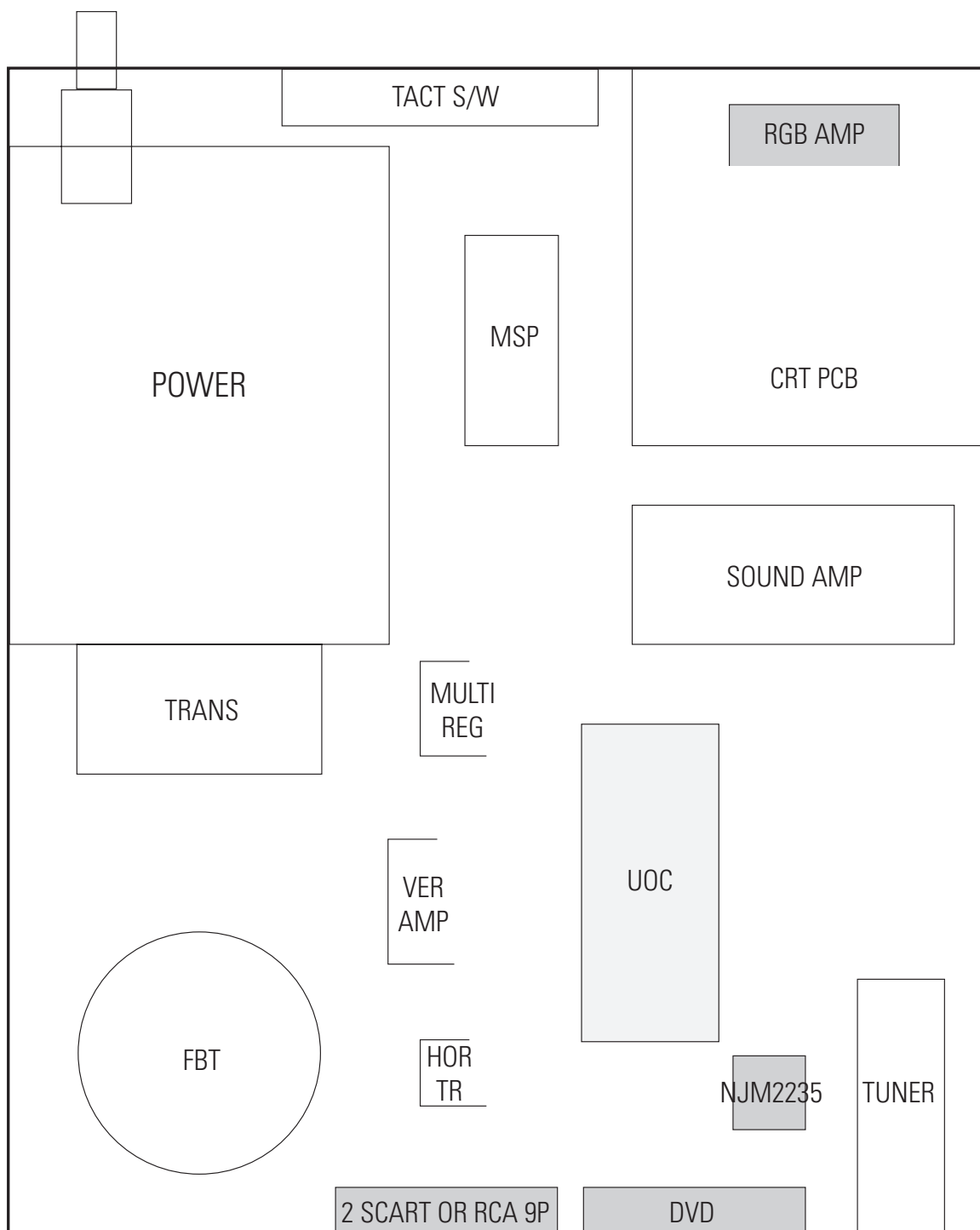
ASSY ACCESSORY

1	AA92-07629C	ASSY ACCESSORY:,XEH,S56A	
2	4301-000120	BATTERY-MN:1.5V,-,AA,14.5x50mm,-	
2	HA83-00047A	LP-TAPEACETATE:TO.1MM,W20MM,L200MM	
2	AA69-02248A	BAG ACCESSORY:HDPE,TO.02,L350,W200	
2	HA68-00335A	LABEL CAUTION:A/P100(G),S51A,HUN,POL,-,-	
2	HA68-00336B	CARD-WARRANTY:A/P100(G),A5,NEW VERSION,I	
2	AA59-00104K	REMOCON:-,TM59,DREAM,29,L/GRAY,PAL-TTX	
2	HA68-02125A	LABEL:A/P120(G),70,69,ALLXEC,BLAC	
2	HA68-00320A	LABEL CAUTION:-,S15A,CEFTA,-,-,-	

8. Block Diagrams

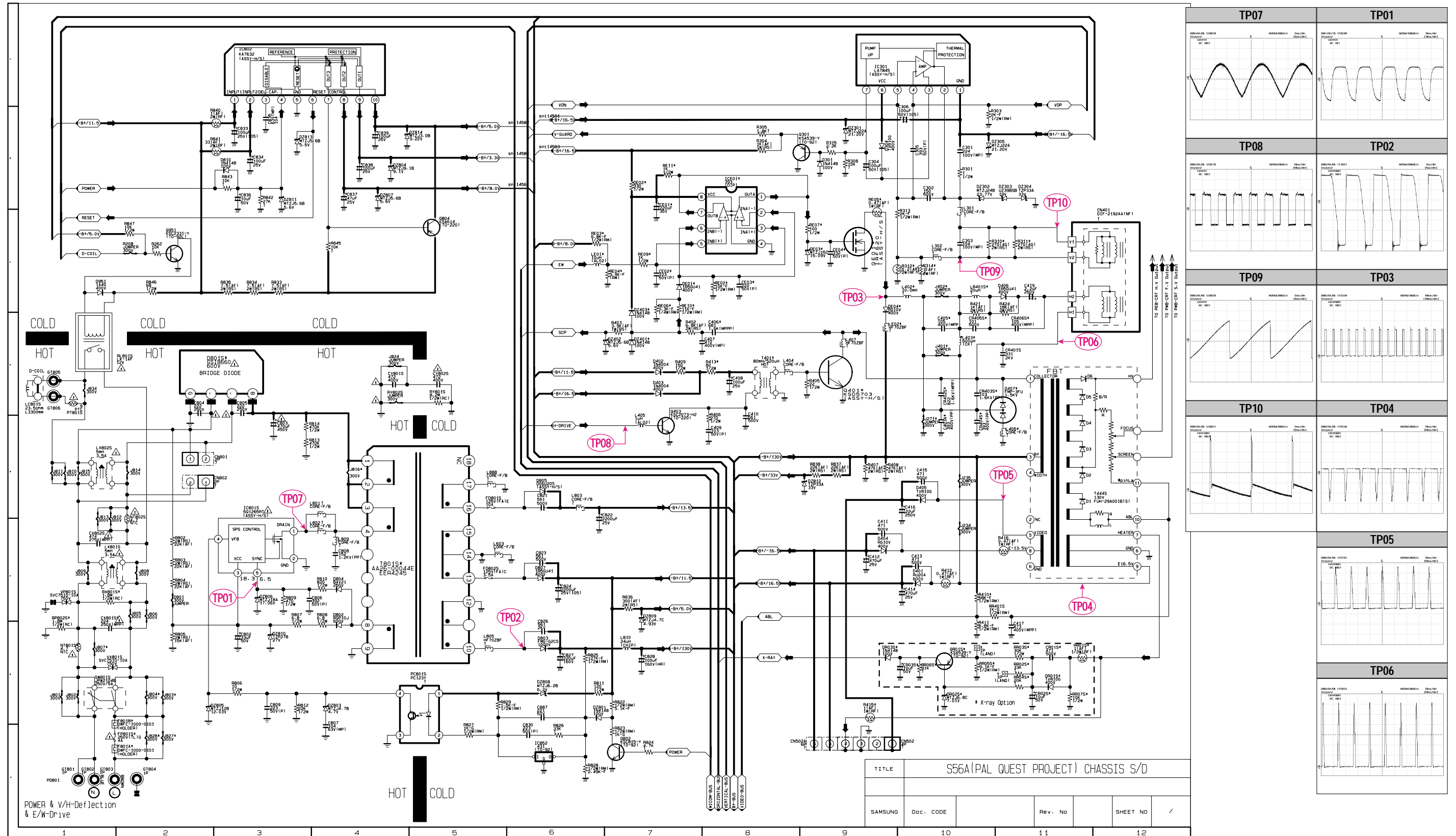


9. Wiring Diagram

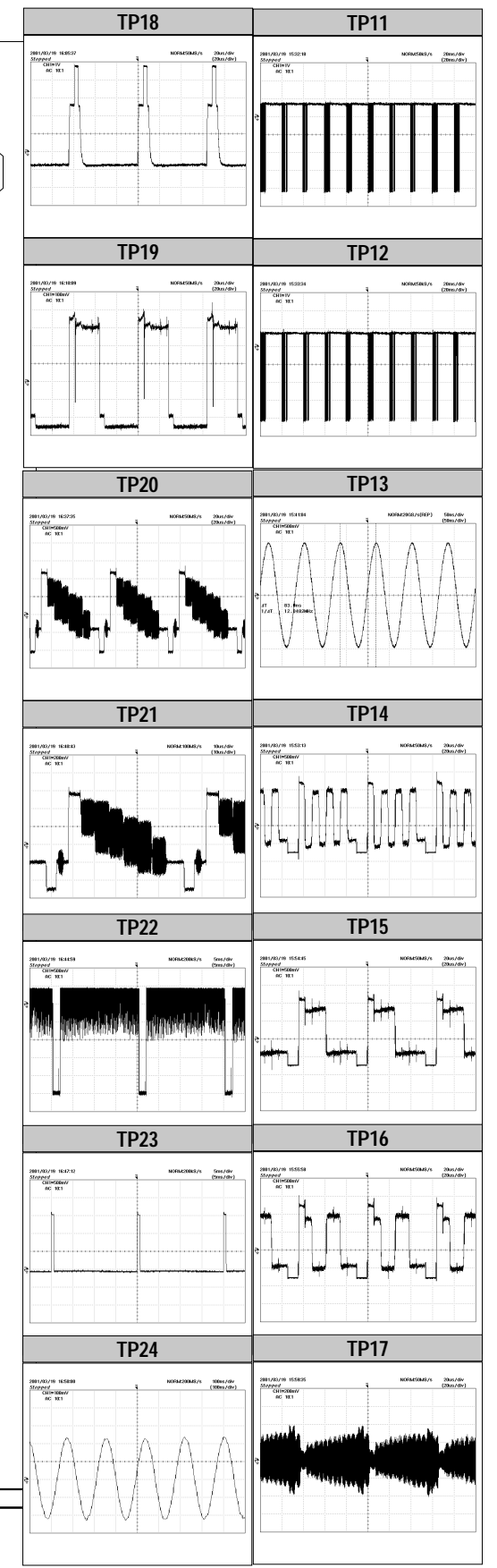
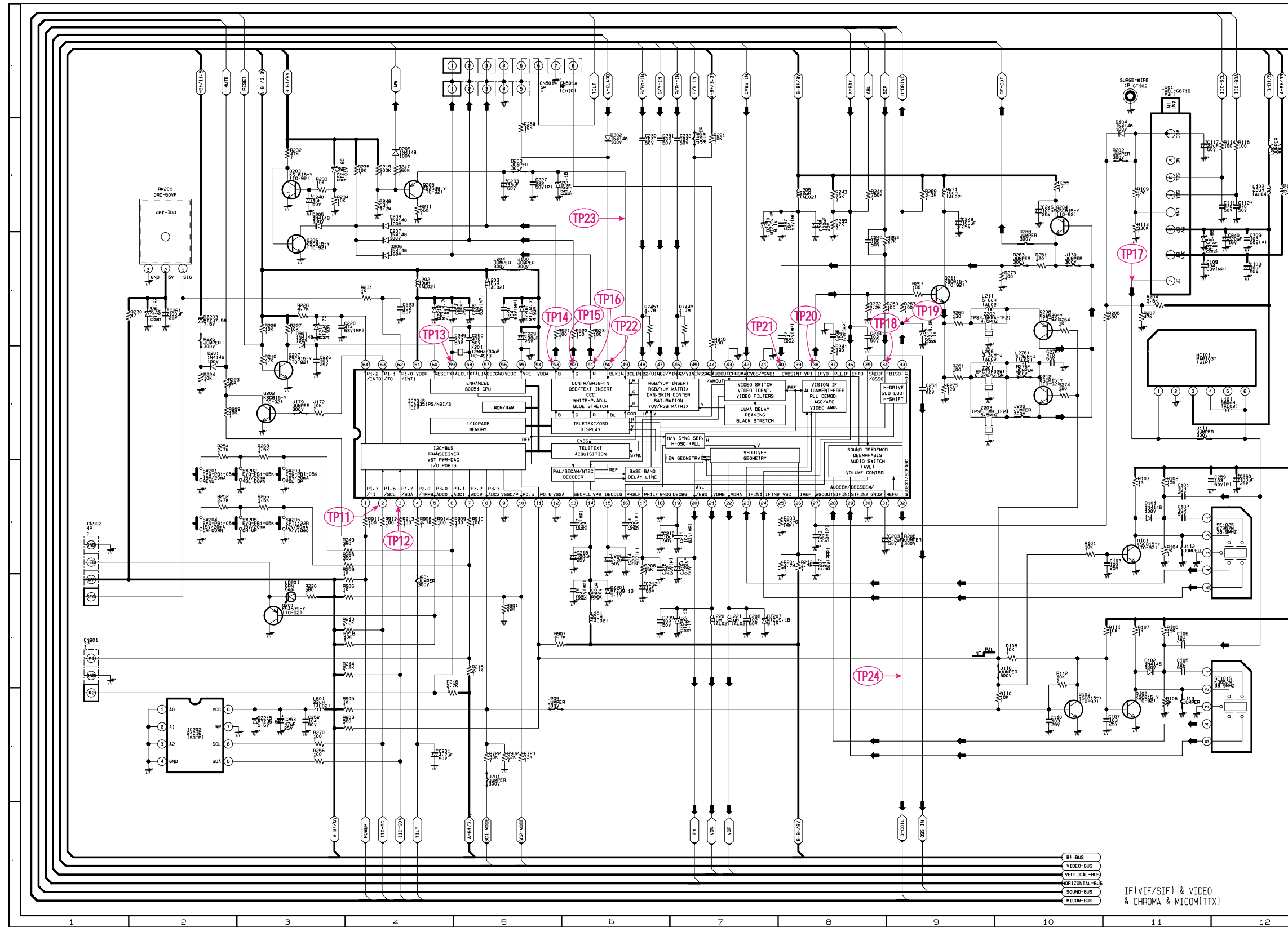


10. Schematic Diagrams

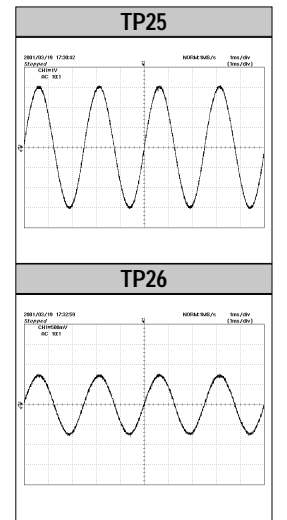
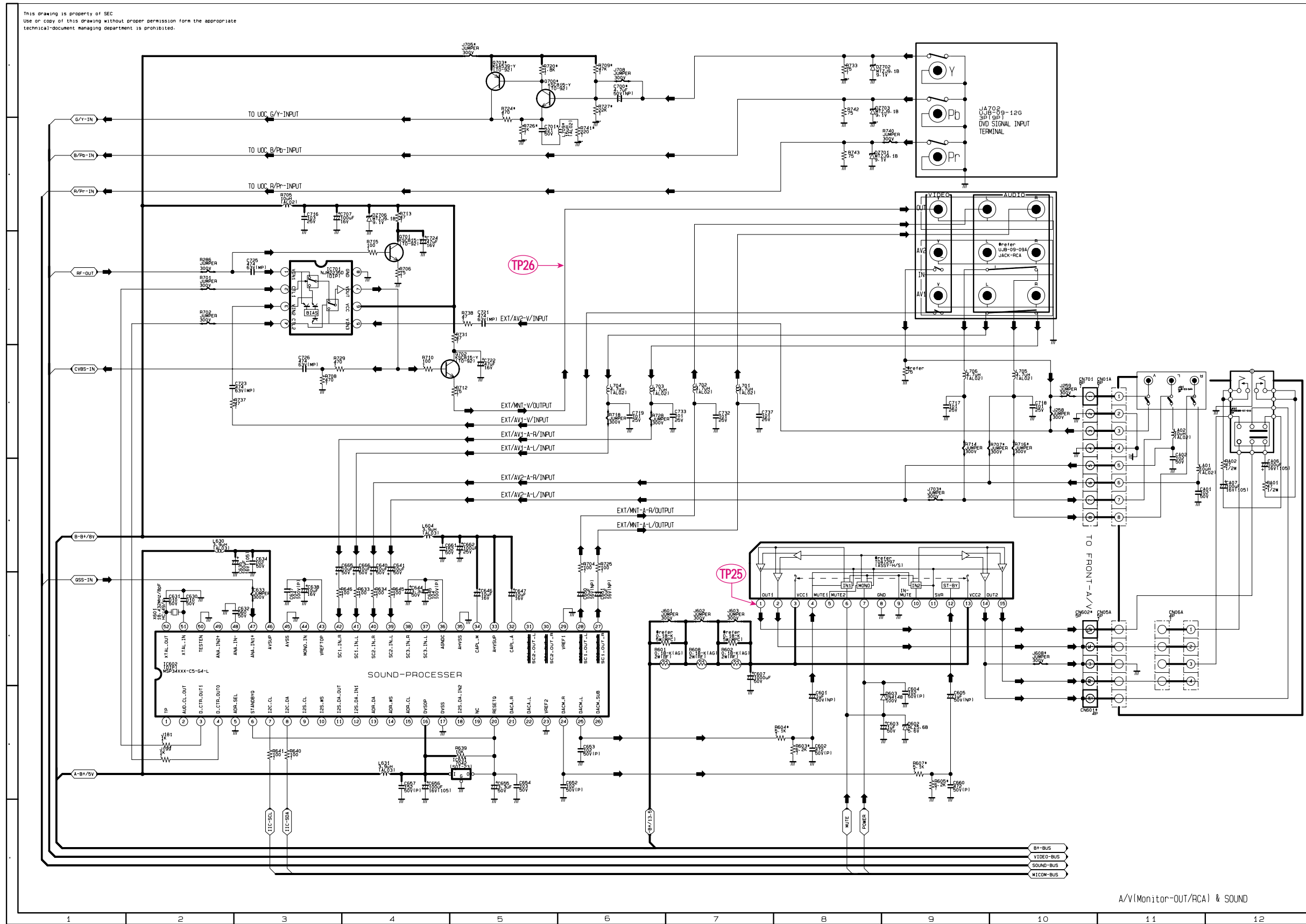
10-1 MAIN 1



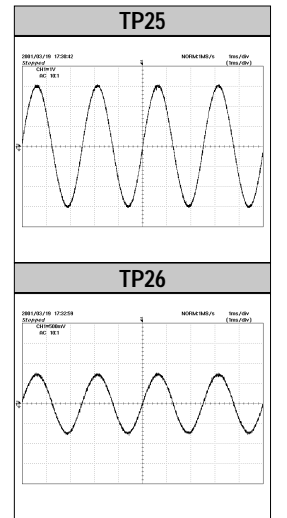
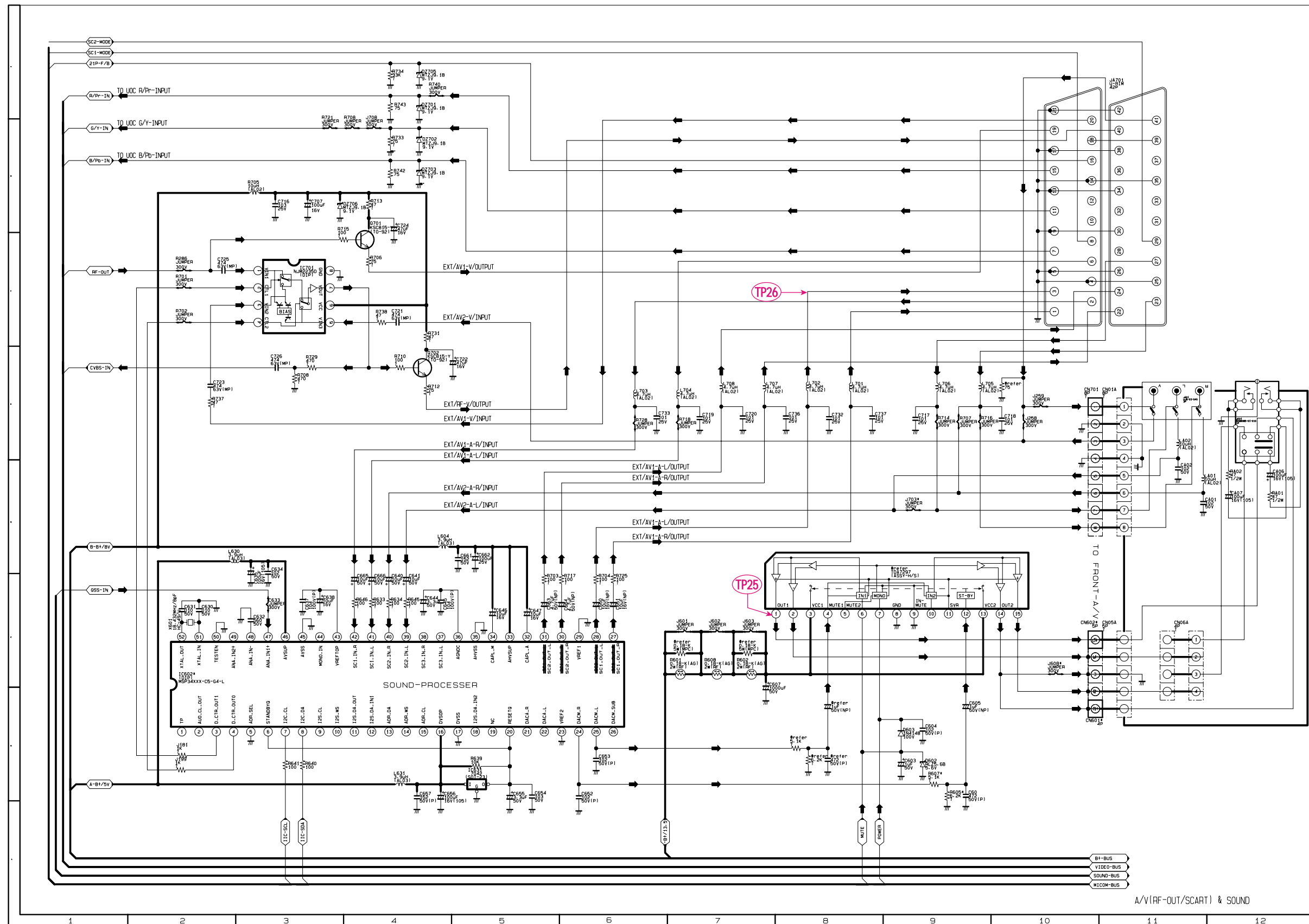
10-2 MAIN 2



10-3 MAIN 3

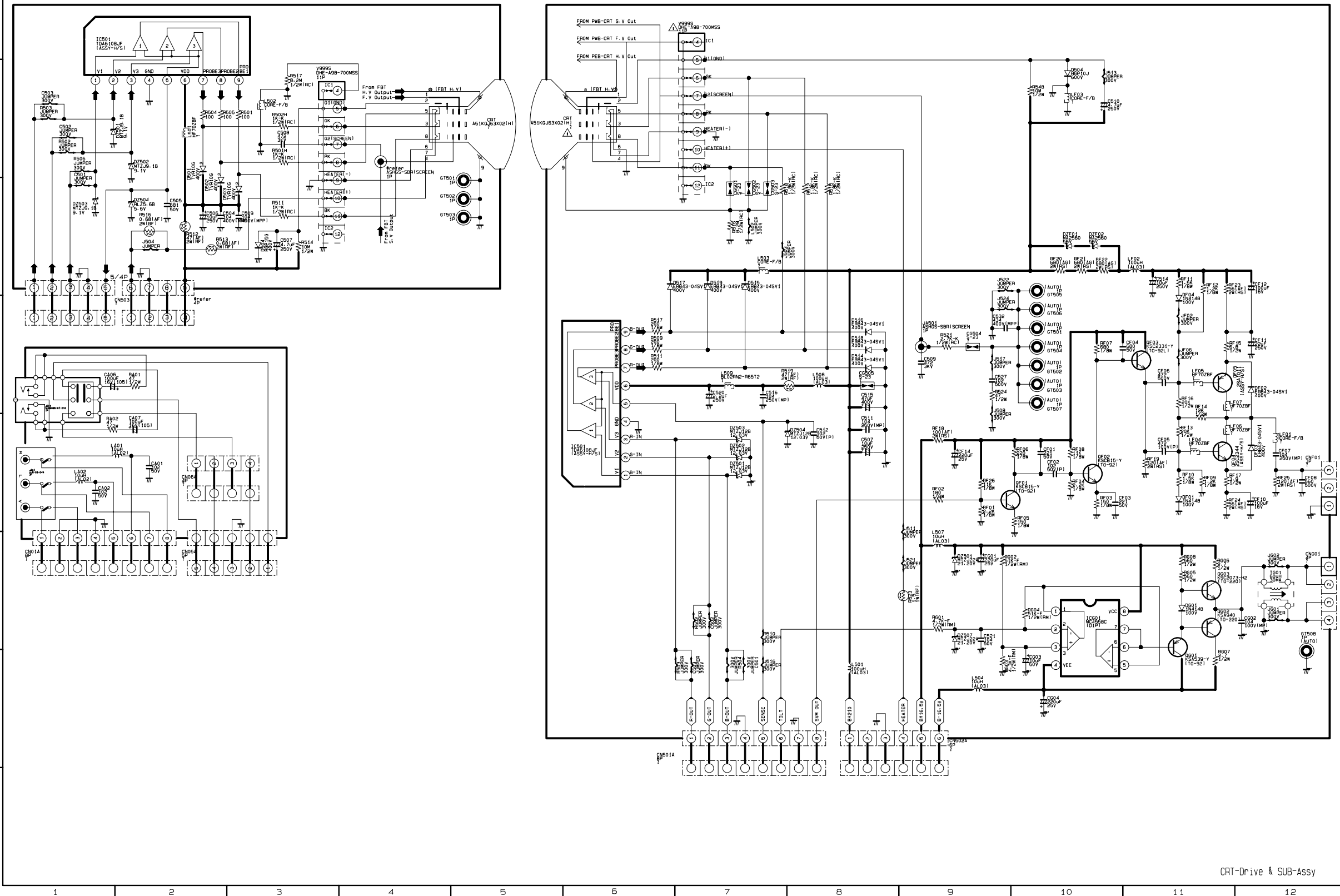


10-4 MAIN 4

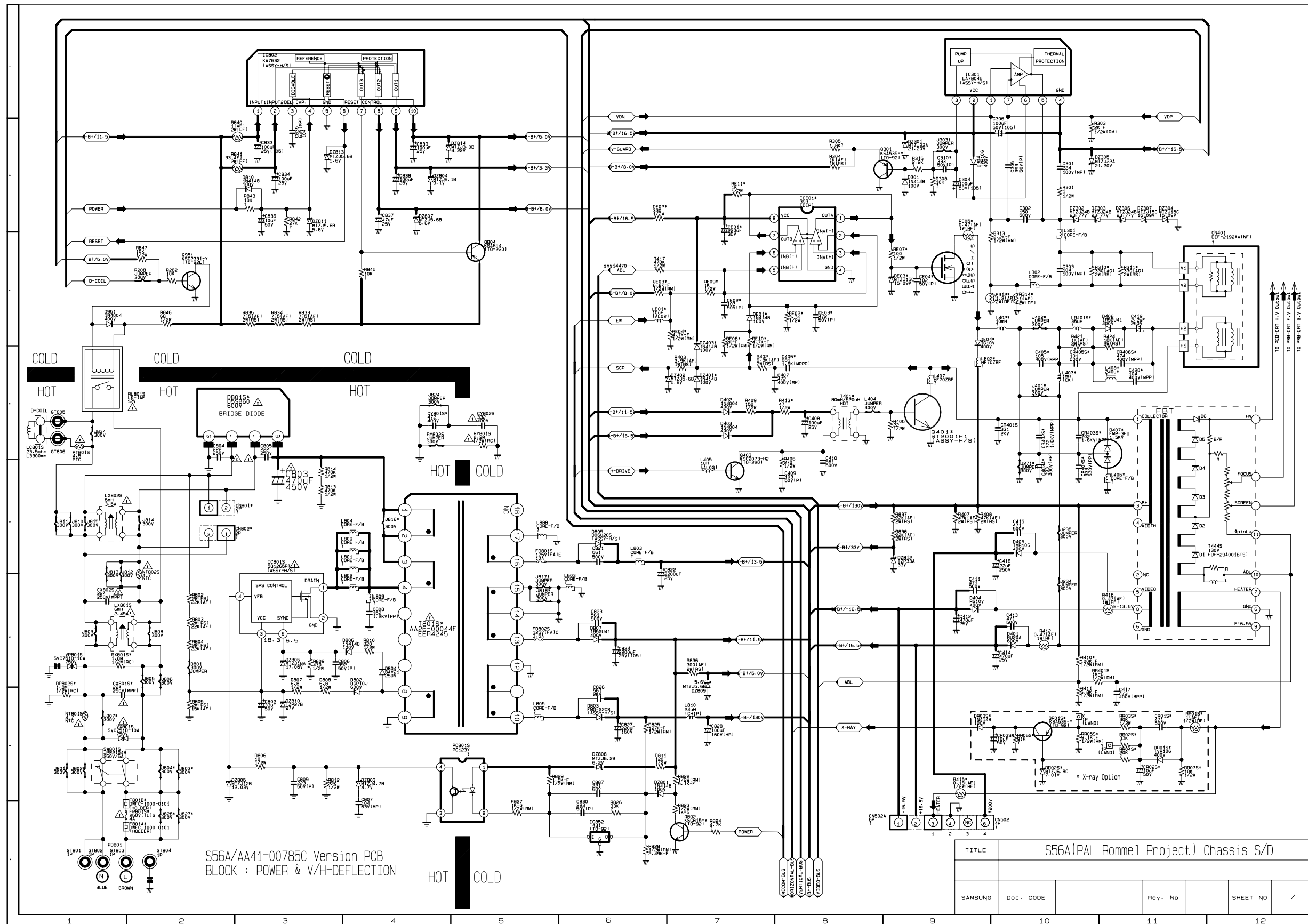


10-5 MAIN 5

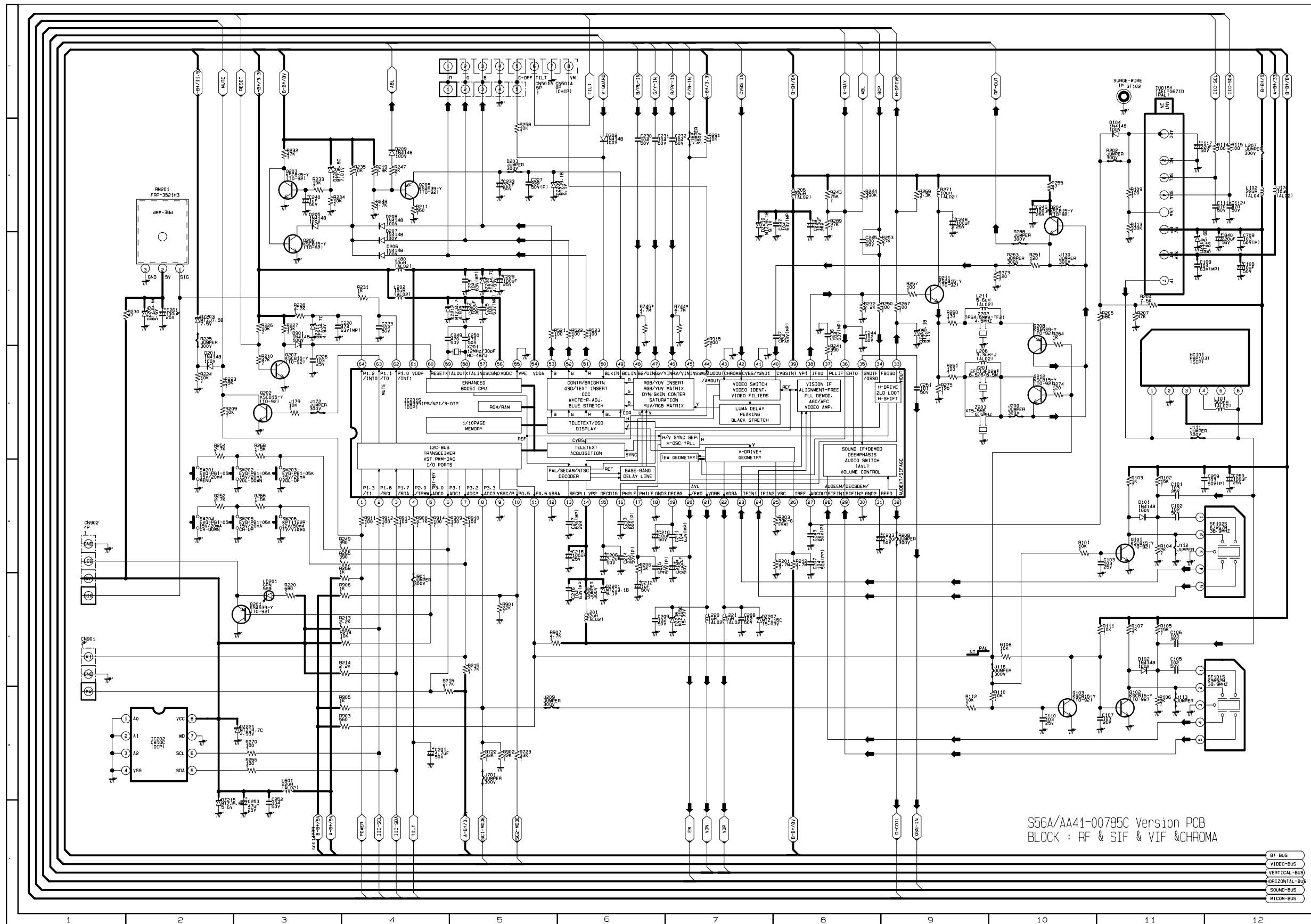
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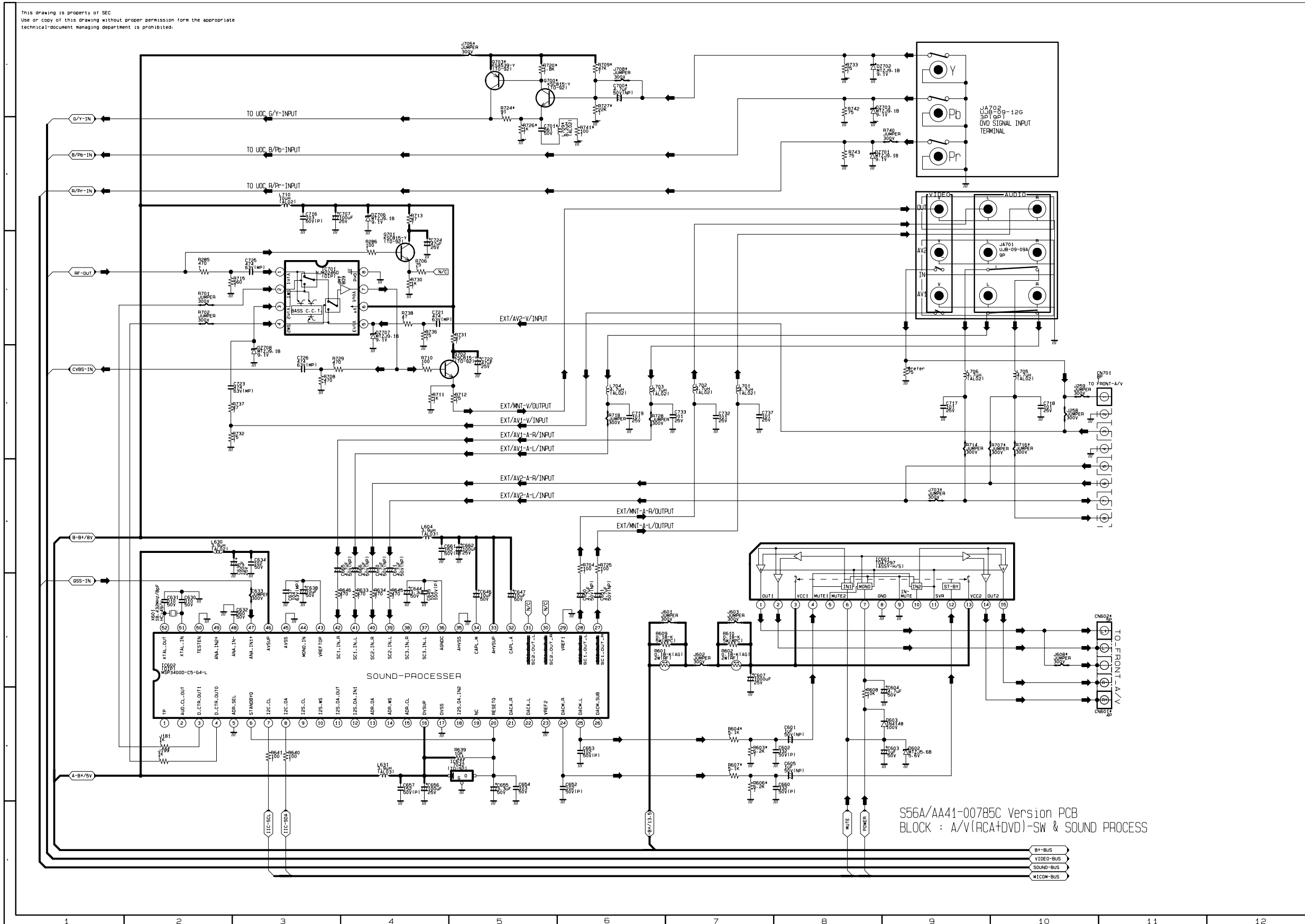
10-6 MAIN 1(AA41-00785C/29" FLAT)



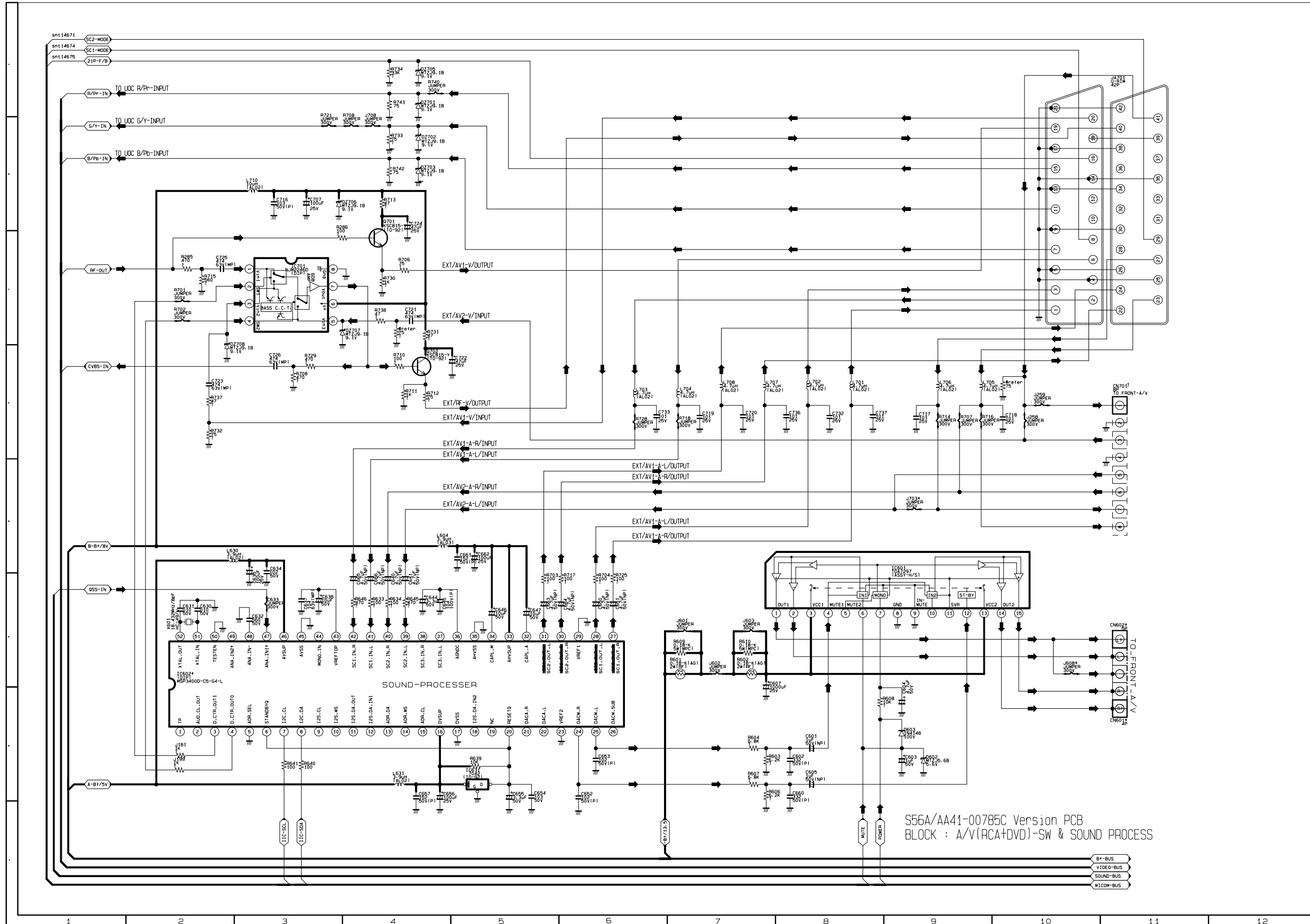
10-7 MAIN 2(AA41-00785C/29"FLAT)



10-8 MAIN 3(AA41-00785C/29" FLAT)

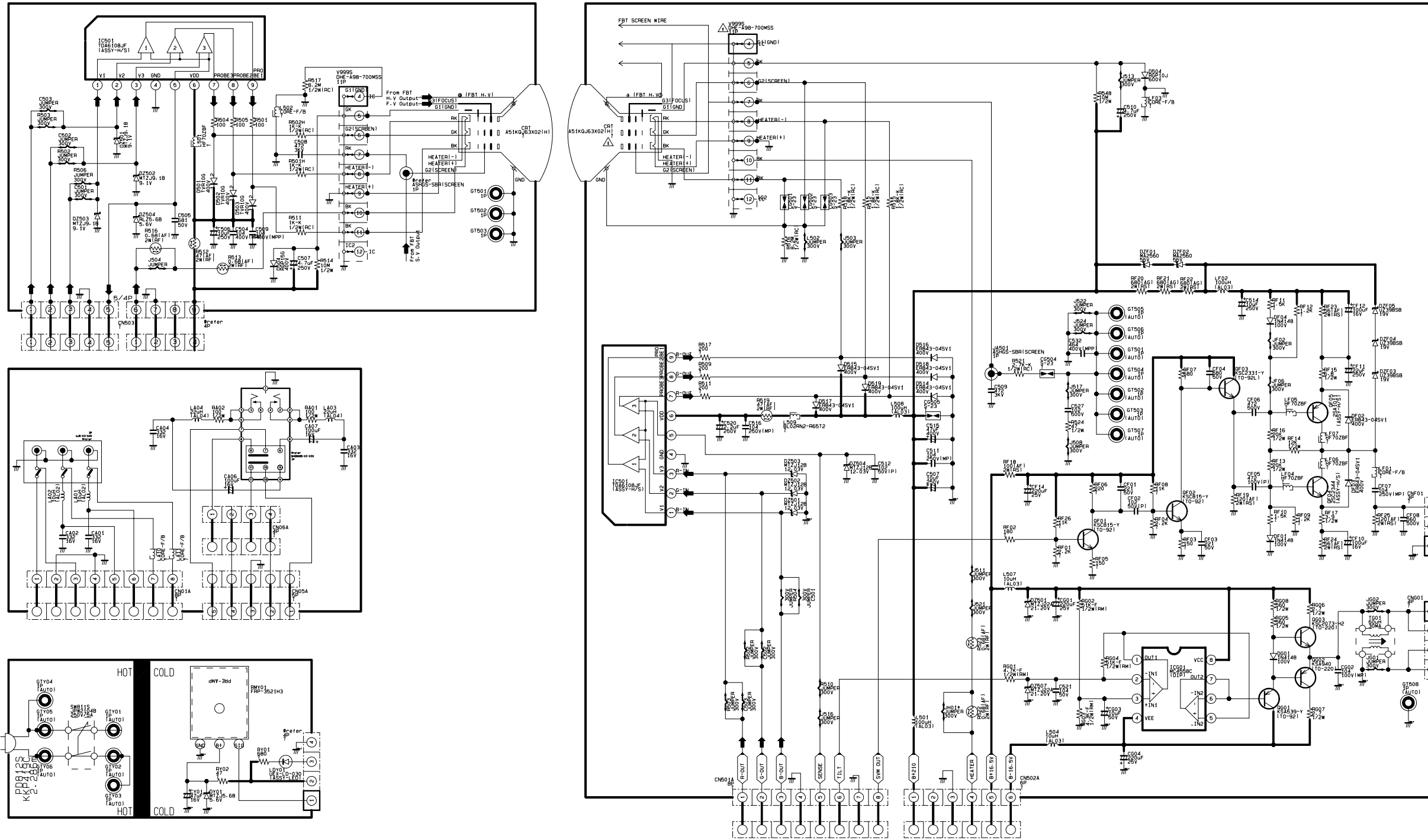


10-9 MAIN 4(AA41-00785C/29"FLAT)



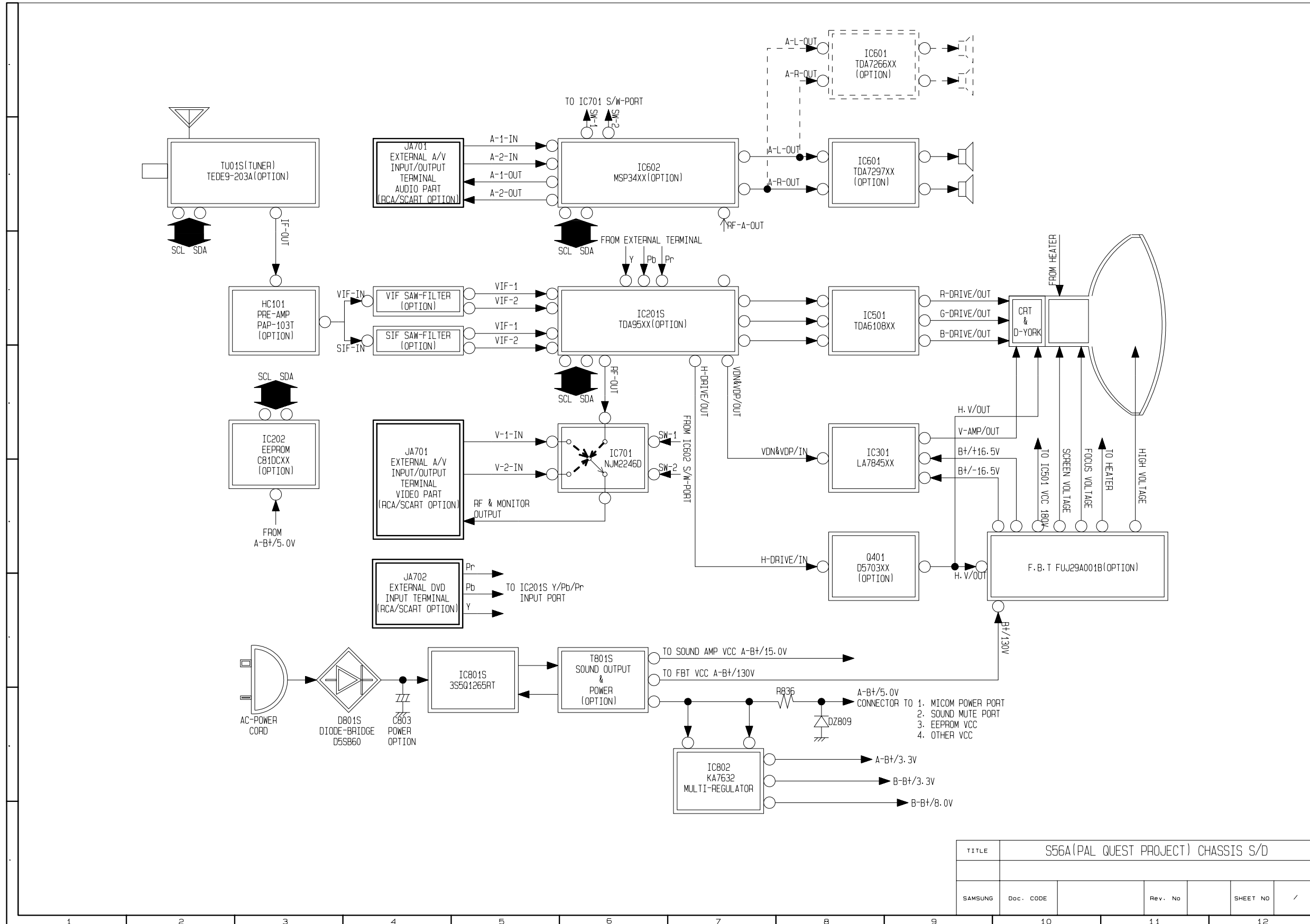
10-10 MAIN 5(AA41-00785C/29" FLAT)

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S56A/AA41-00785C Version PCB
BLOCK : CRT-DRIVE

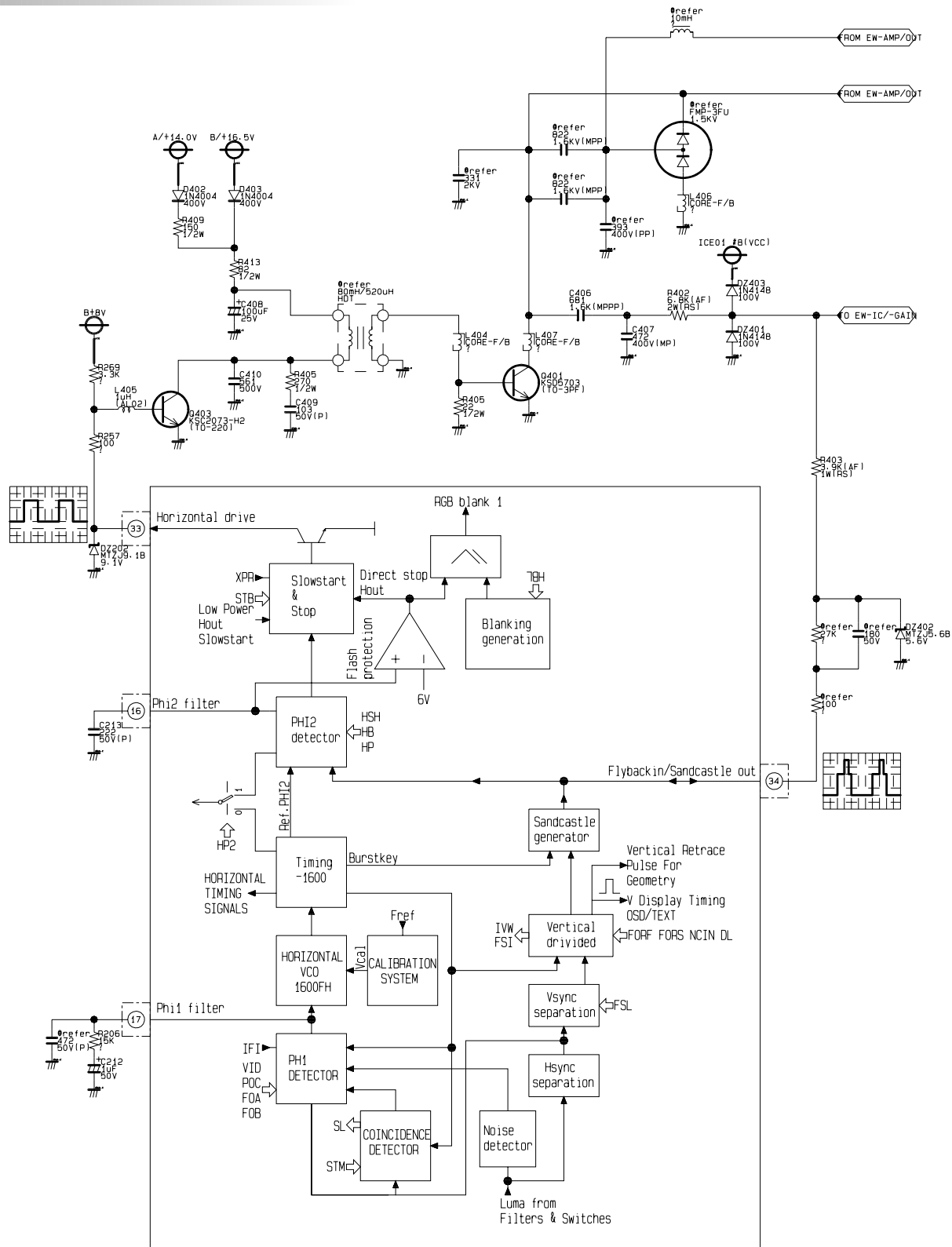
10-11 MAIN 6(AA41-00785C/29"FLAT)



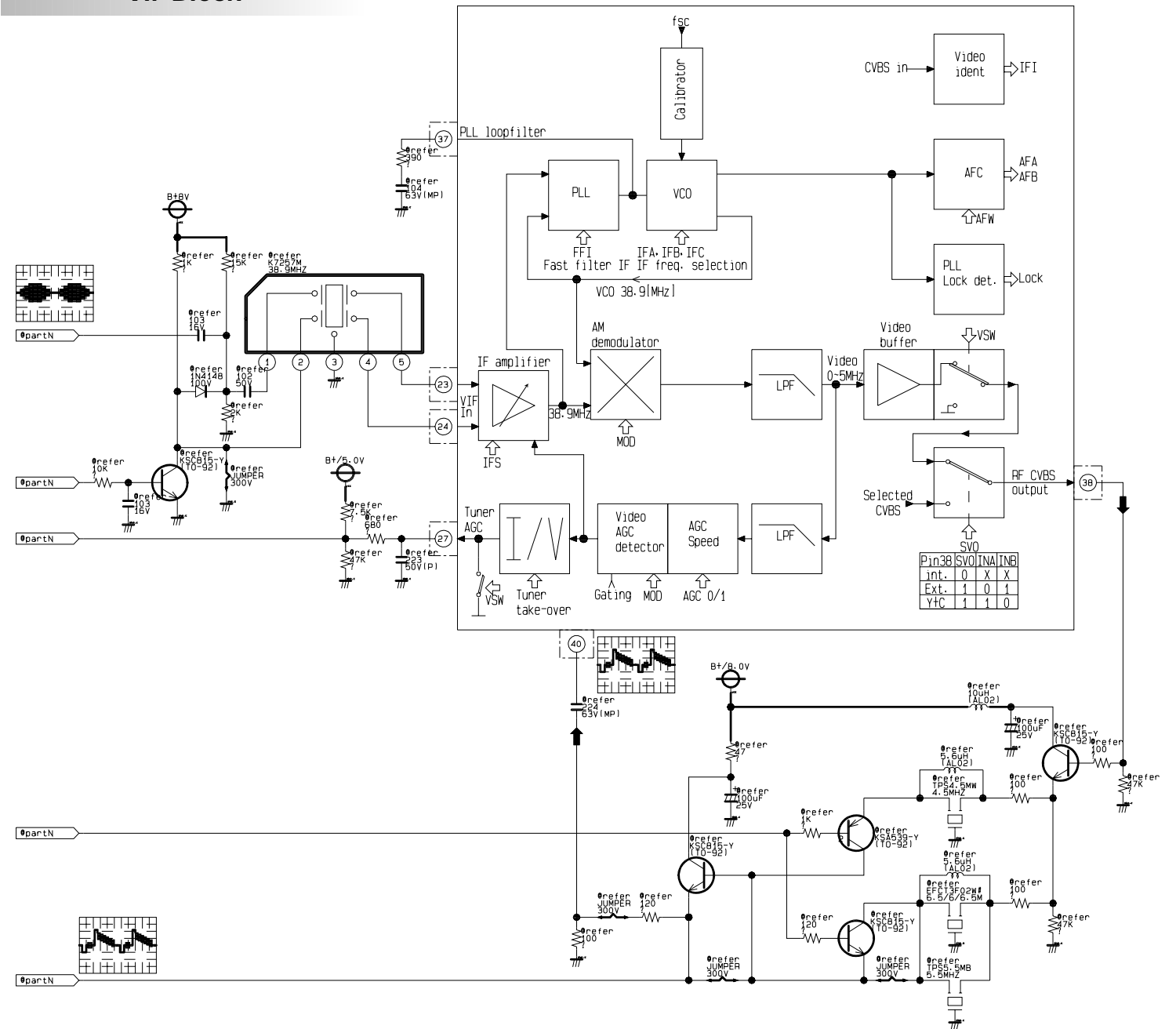
TITLE						S56A(PAL QUEST PROJECT) CHASSIS S/D					
SAMSUNG						Doc. CODE					
Rev. No						SHEET NO					

10-12 HORIZONTAL BLOCK, VIF BLOCK

Horizontal Block

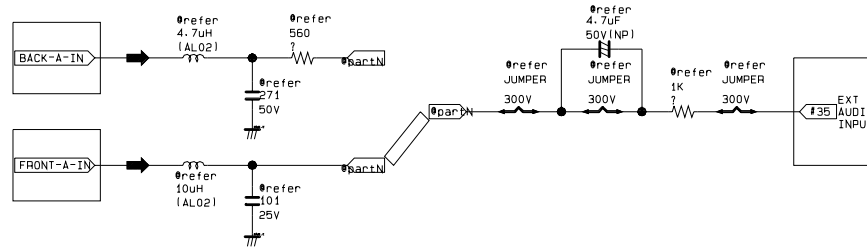


VIF Block

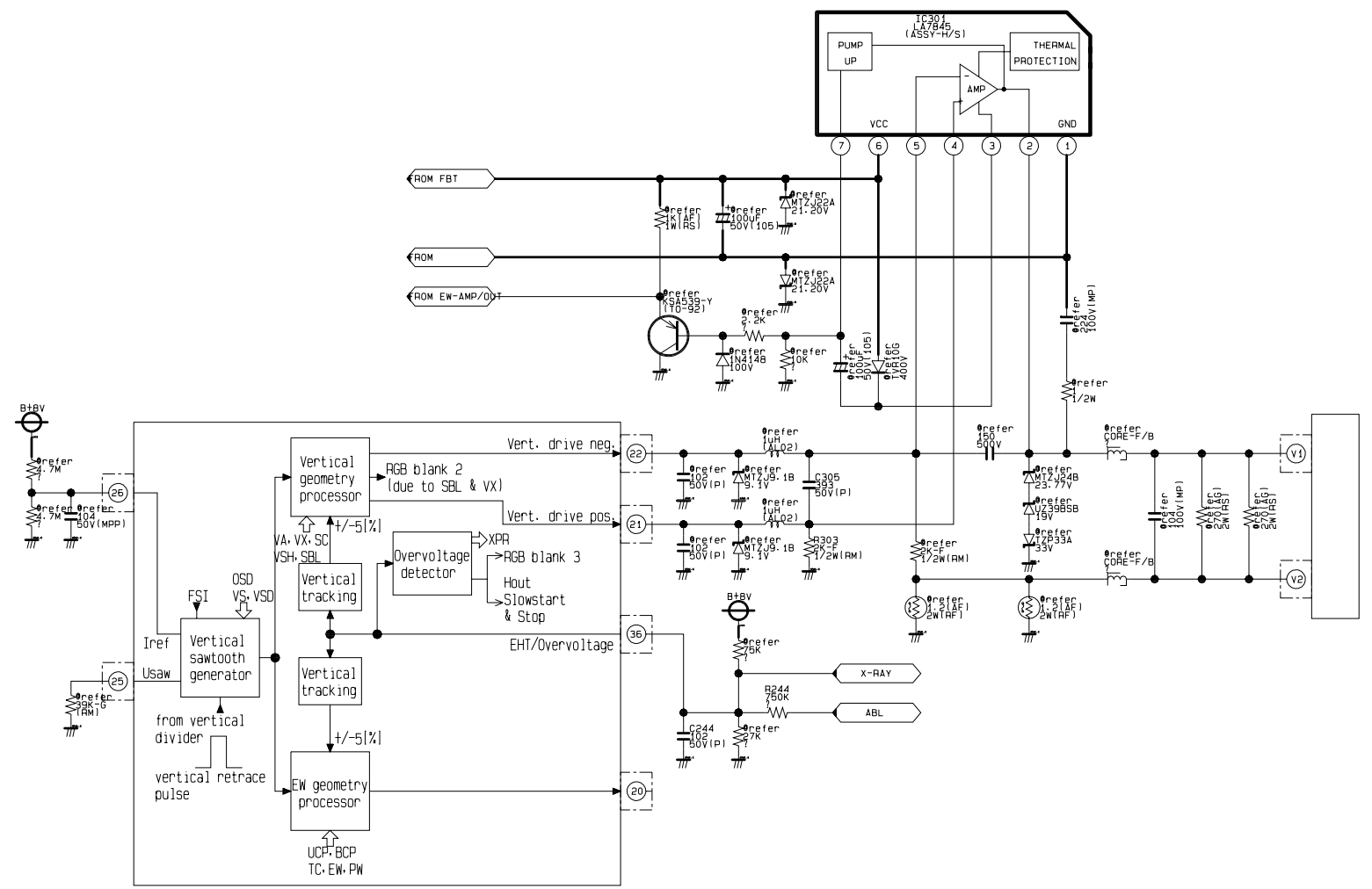


10-12 AUDIO SWITCHING, SYSTEM SWITCHING, SIF BLOCK

Audio Switching



SIF Block



System Switching

