

JVC

SCHEMATIC DIAGRAMS

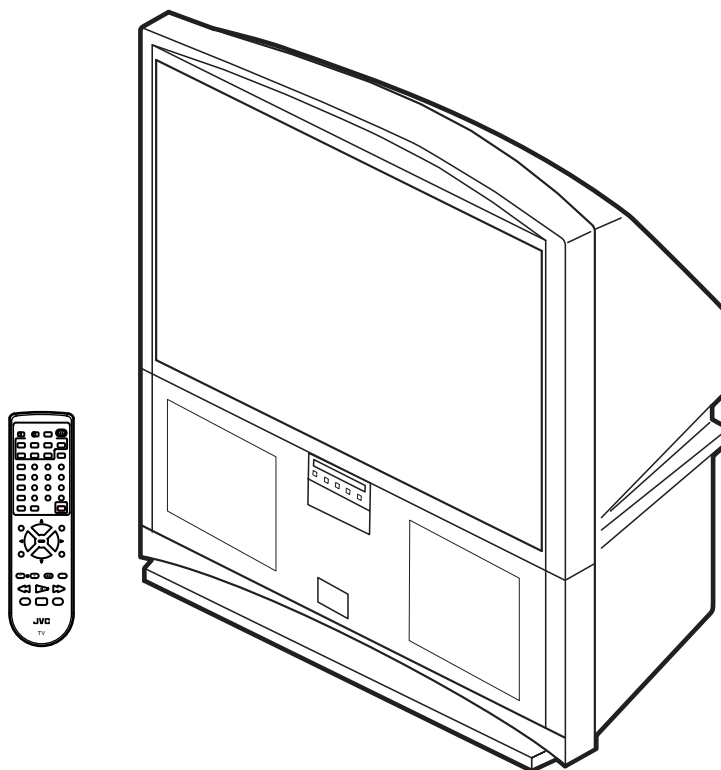
REAR PROJECTION TELEVISION

AV-56WP30

CD-ROM No.SML200206

BASIC CHASSIS

SB2



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CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER	
TV	CATV		REAL	DISP.	BAND	
○	○	VL	02 03 04 05 06		I	
		VH	07 08 09 10 11 12 13		II	
×	○	MID	A	14		
			B	15		
			C	16		
			D	17		
			E	18		
			F	19		
			G	20		
			H	21		
			I	22		
		SUPER	J	23		
			K	24		
			L	25		
			M	26		
			N	27		
			O	28		
			P	29		
			Q	30		
			R	31		
		S	32			
		T	33			
U	34					
V	35					
W	36					
HYPER	W+1	37	III			
	W+2	38				
	W+3	39				
	W+4	40				
	W+5	41				
	W+6	42				
	W+7	43				
	W+8	44				
	W+9	45				
	W+10	46				
	W+11	47				
	W+12	48				
	W+13	49				
	W+14	50				
	W+15	51				
	W+16	52				
	W+17	53				
	W+18	54				
	W+19	55				
W+20	56					
W+21	57					
W+22	58					
W+23	59					
W+24	60					
W+25	61					
W+26	62					
W+27	63					
W+28	64					
ULTRA	W+29	65	IV			
	W+30	66				
	W+31	67				
	W+32	68				
	W+33	69				
	W+34	70				

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SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW

CHIP IC

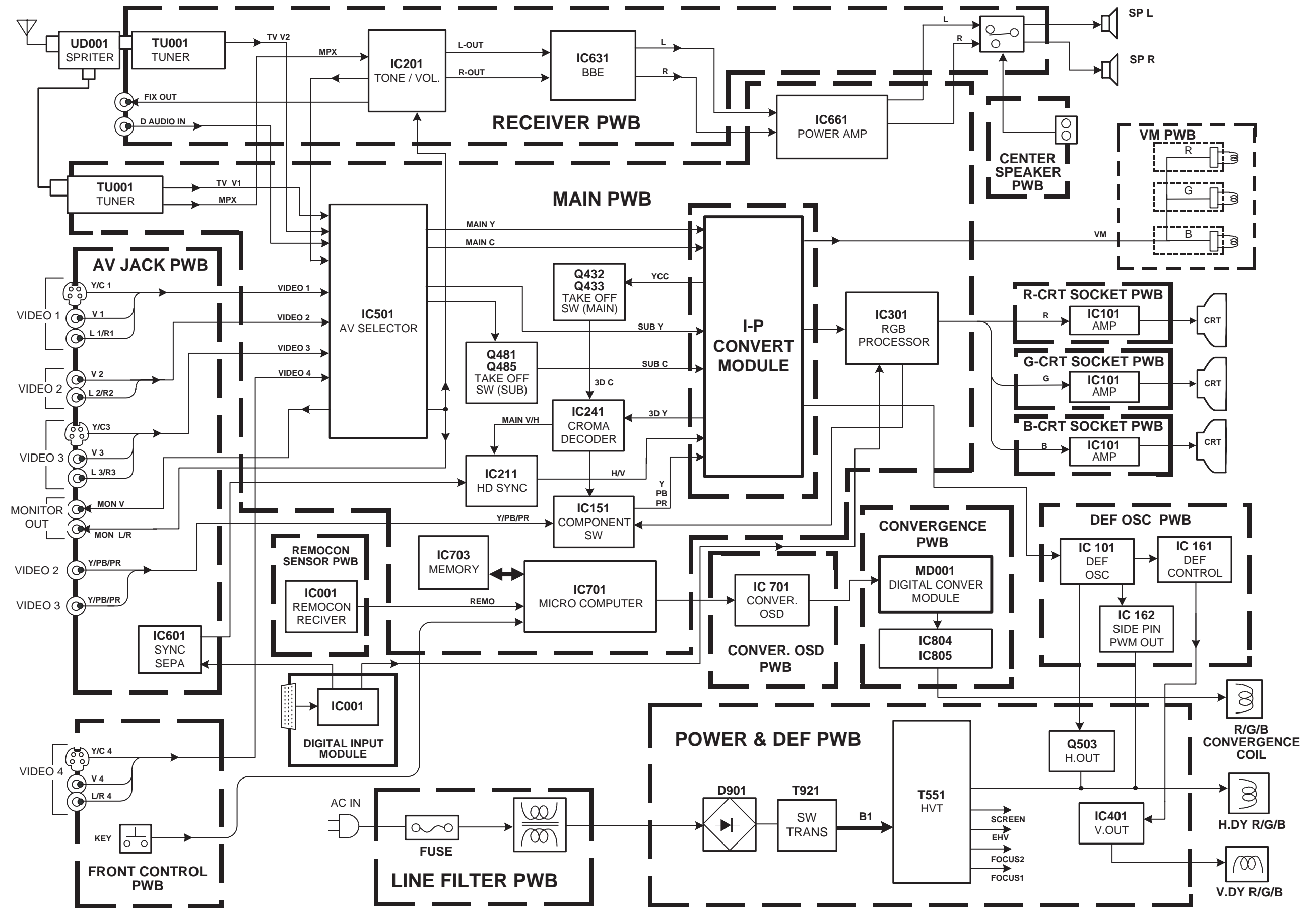
TOP VIEW		

CHANNEL CHART (US)

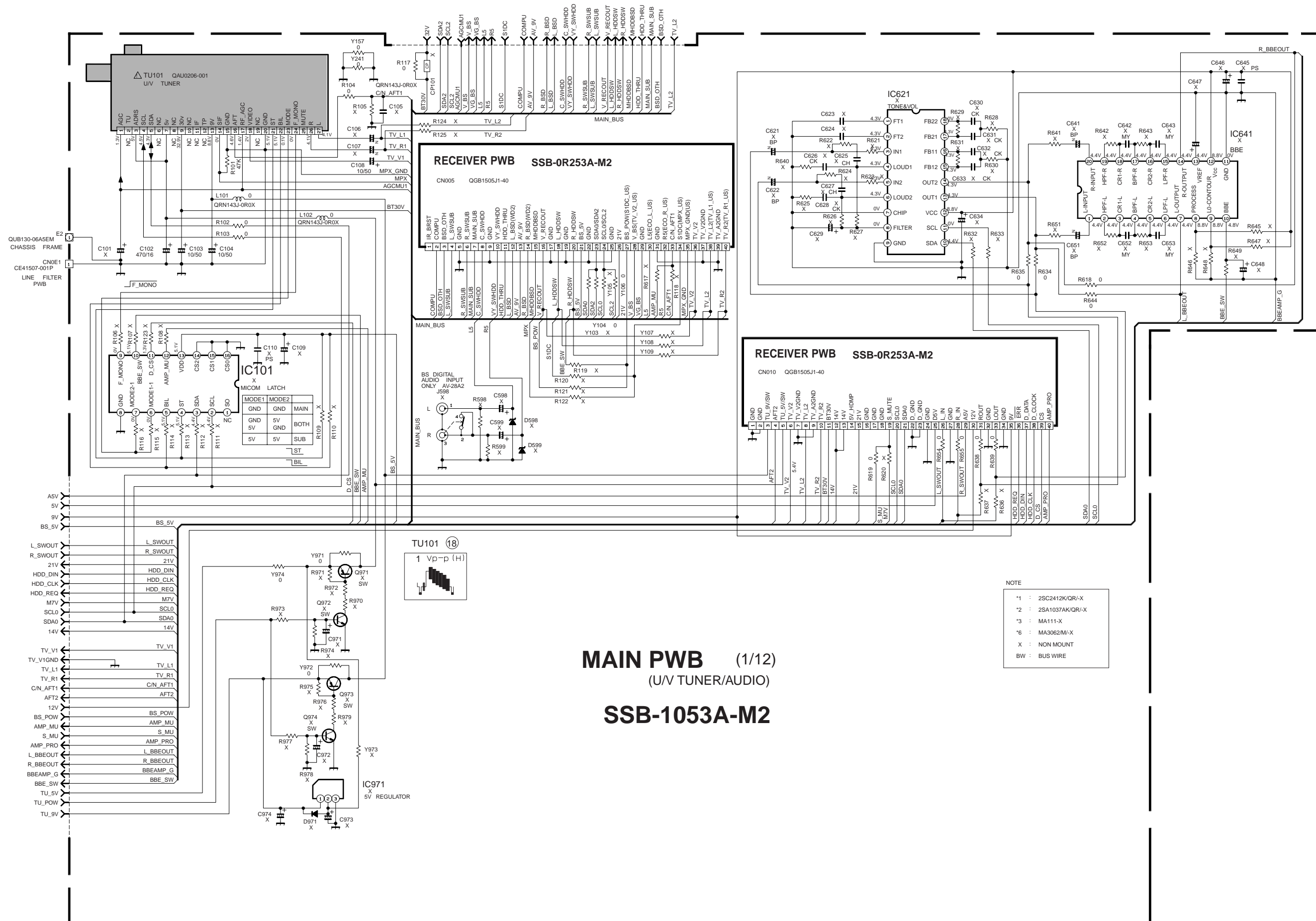
MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	I
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	II
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
		HYPER	U	34	IV
			V	35	
			W	36	
			W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	BAND
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
		W+67	108		
		W+68	109		
		W+69	110		
		W+70	111		
		W+71	112		
		W+72	113		
		W+73	114		
		W+74	115		
		W+75	116		
		W+76	117		
		W+77	118		
		W+78	119		
W+79	120				
W+80	121				
W+81	122				
W+82	123				
W+83	124				
W+84	125				
SUB MID	A-8	01	I		
	A-4	96			
	A-3	97			
	A-2	98			
	A-1	99			
○	×	UHF	14 56 69	IV	
TOTAL 180CH { VHF 124CH UHF 56CH					
NOTE: TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES. SPECIAL ADAPTERS MAY BE REQUIRED.					

BLOCK DIAGRAM

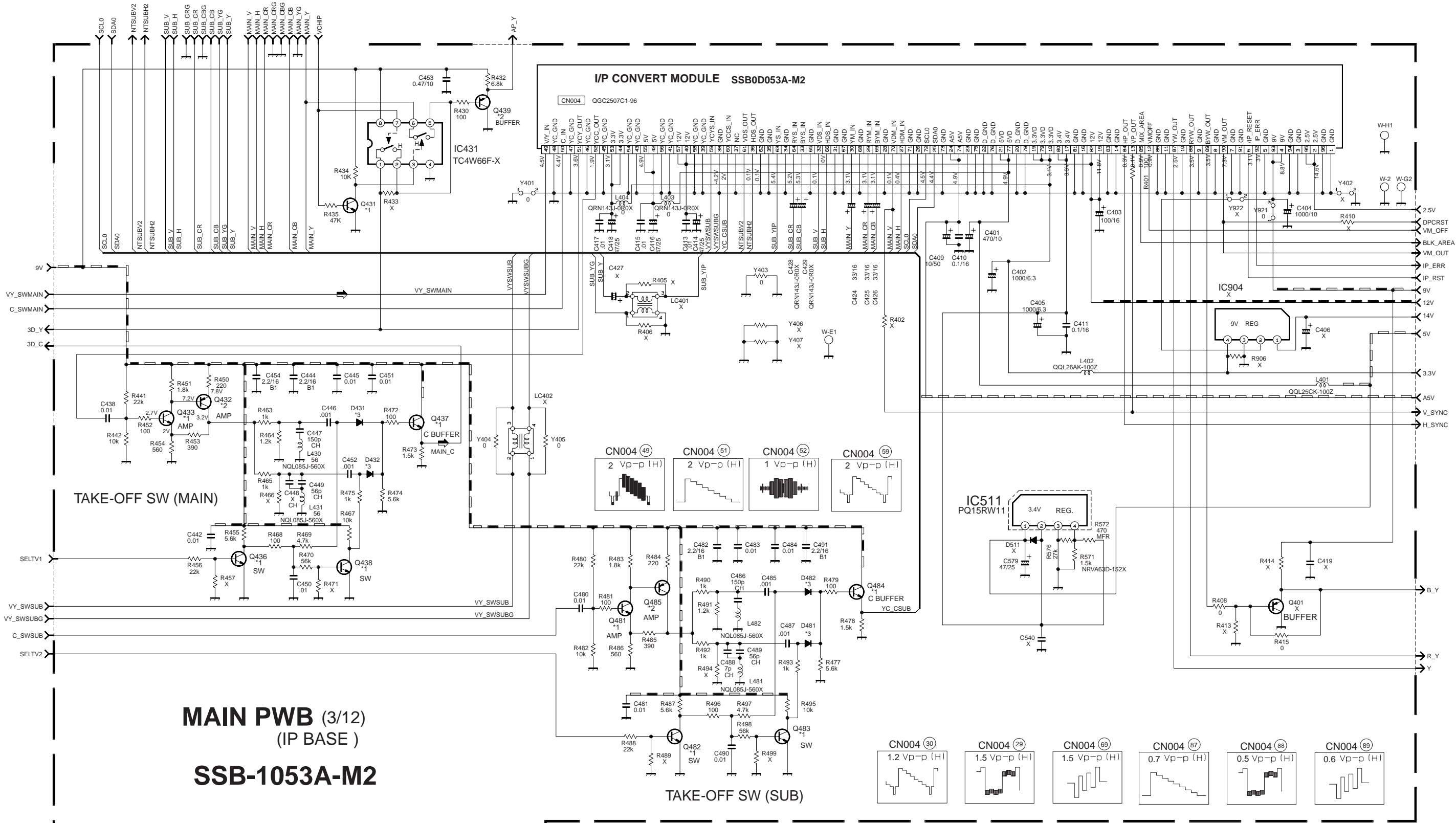


CIRCUIT DIAGRAMS *MAIN PWB CIRCUIT DIAGRAMS* [1/12]



MAIN PWB (2/12)
(AV SELECTOR)
SSB-1053A-M2

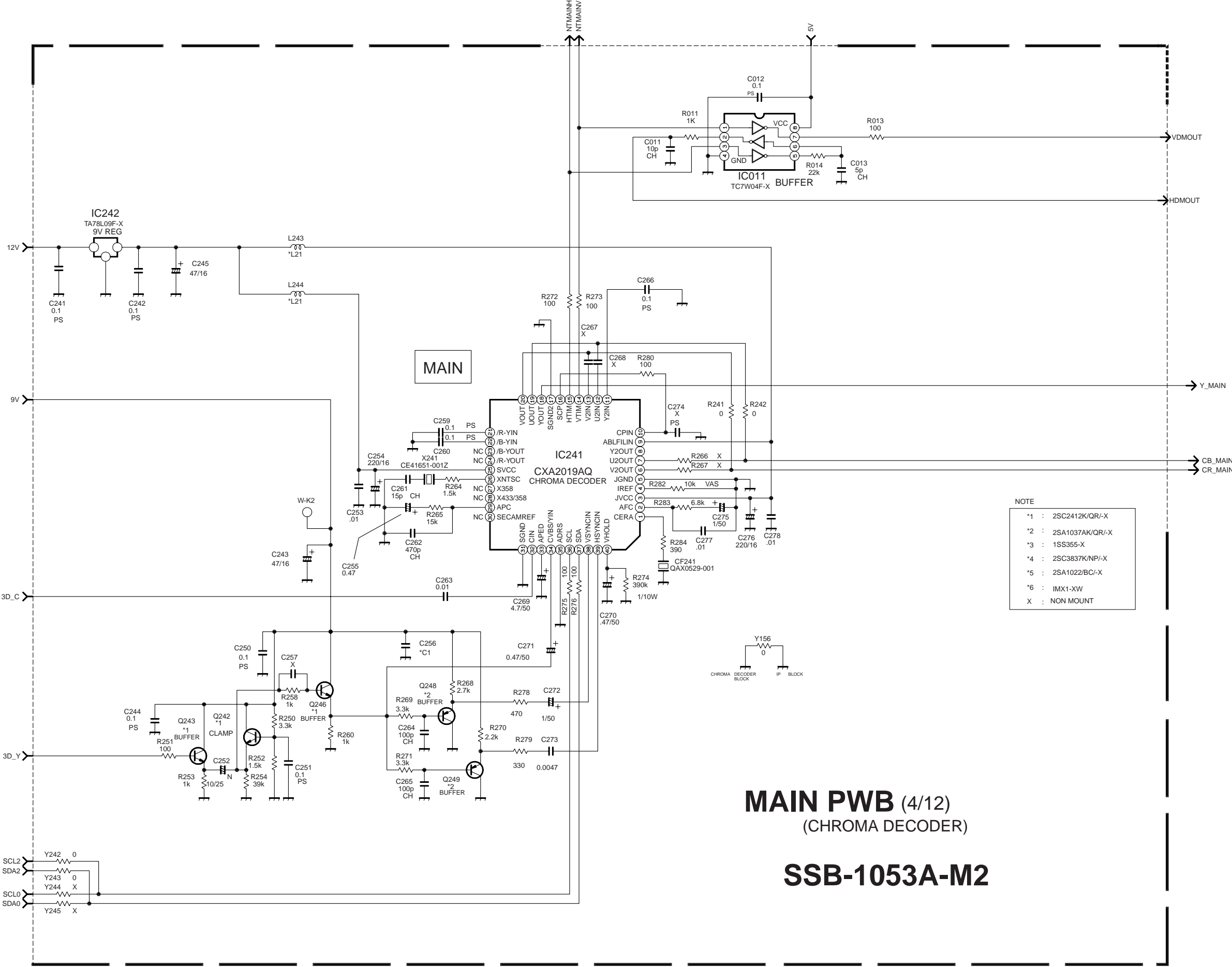
MAIN PWB CIRCUIT DIAGRAM [3/12]



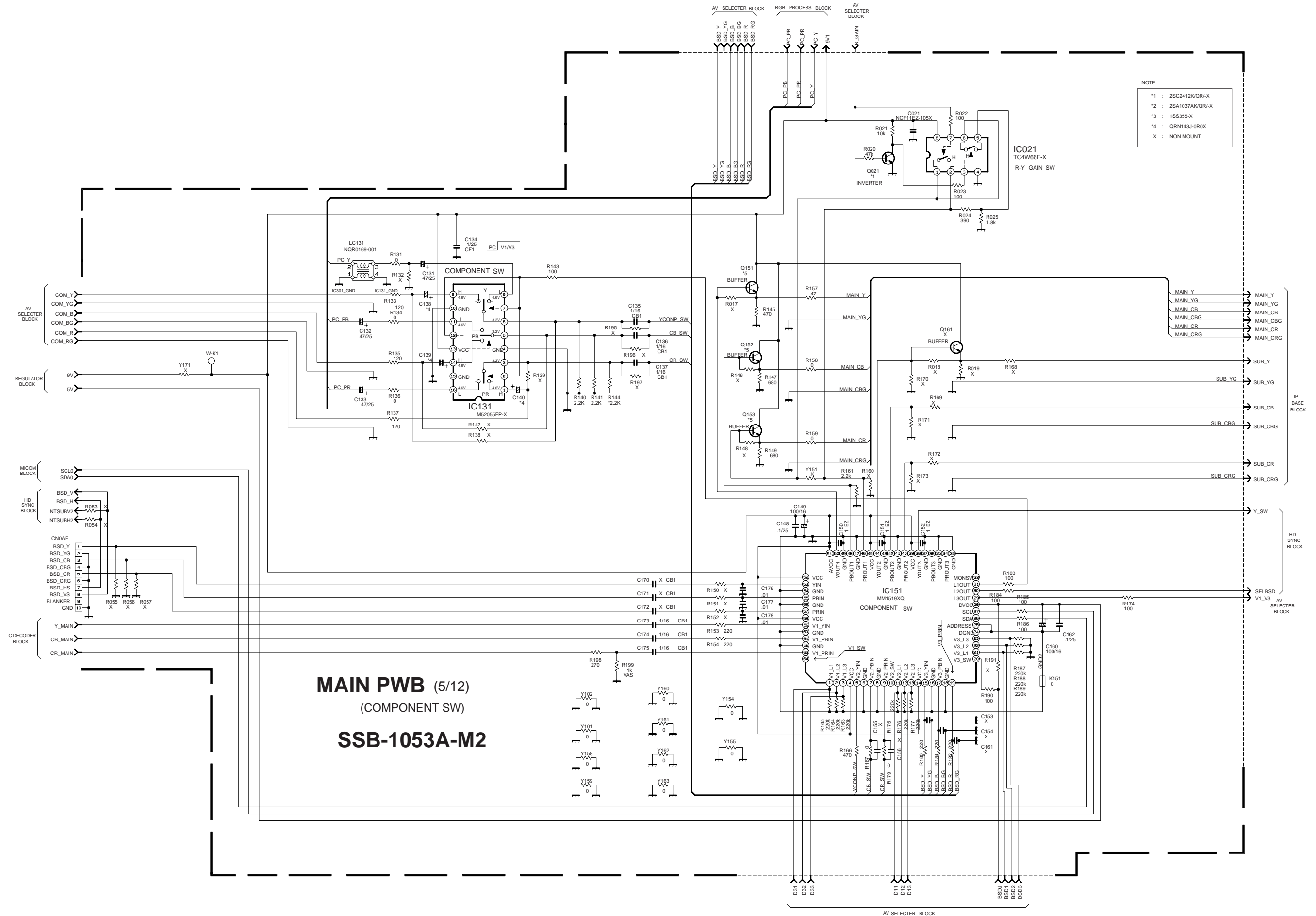
NOTE

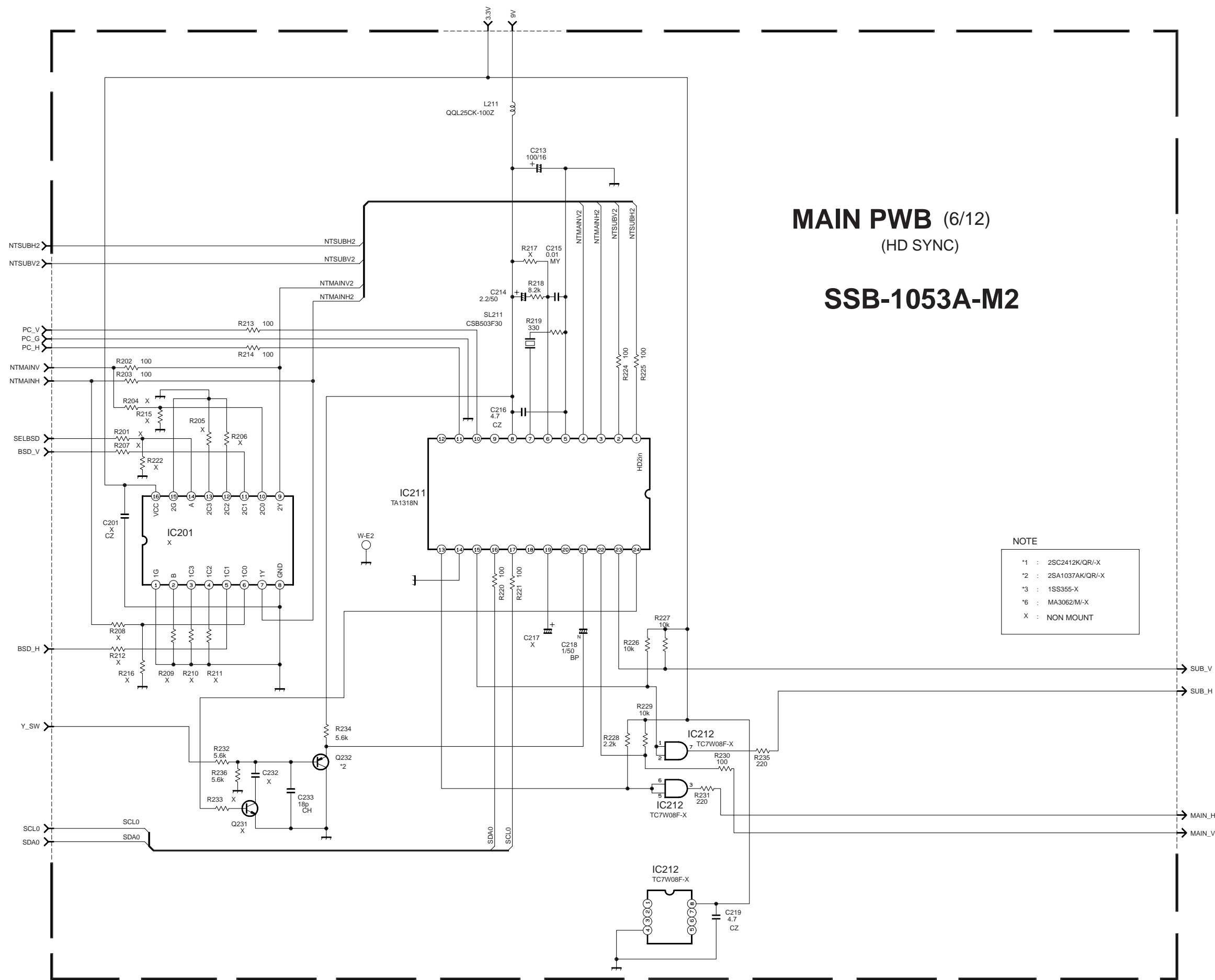
- *1 : 2SC2412K/QR/-X
- *2 : 2SA1037AK/QR/-X
- *3 : MA111-X
- X : NON MOUNT

MAIN PWB CIRCUIT DIAGRAM [4/12]

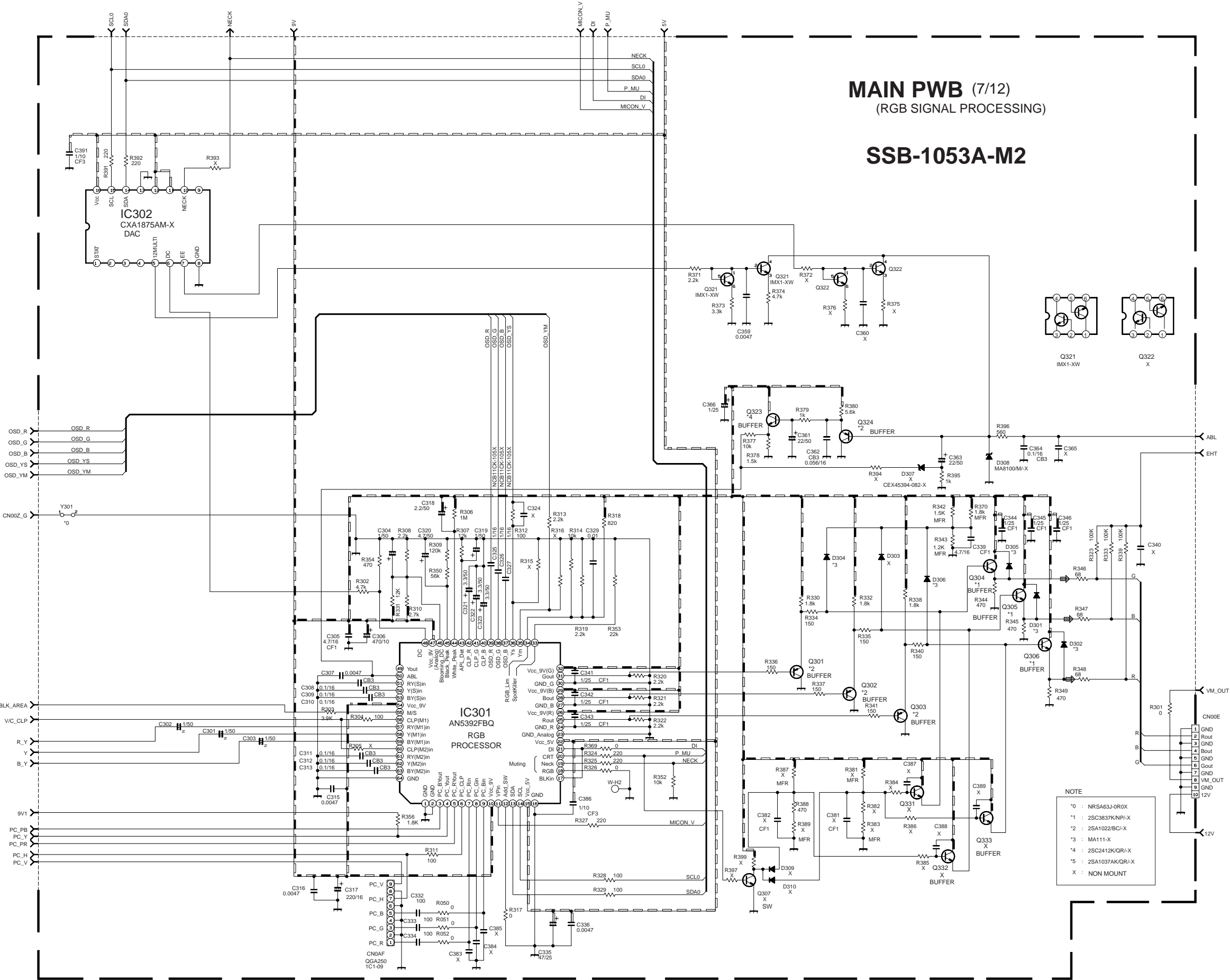


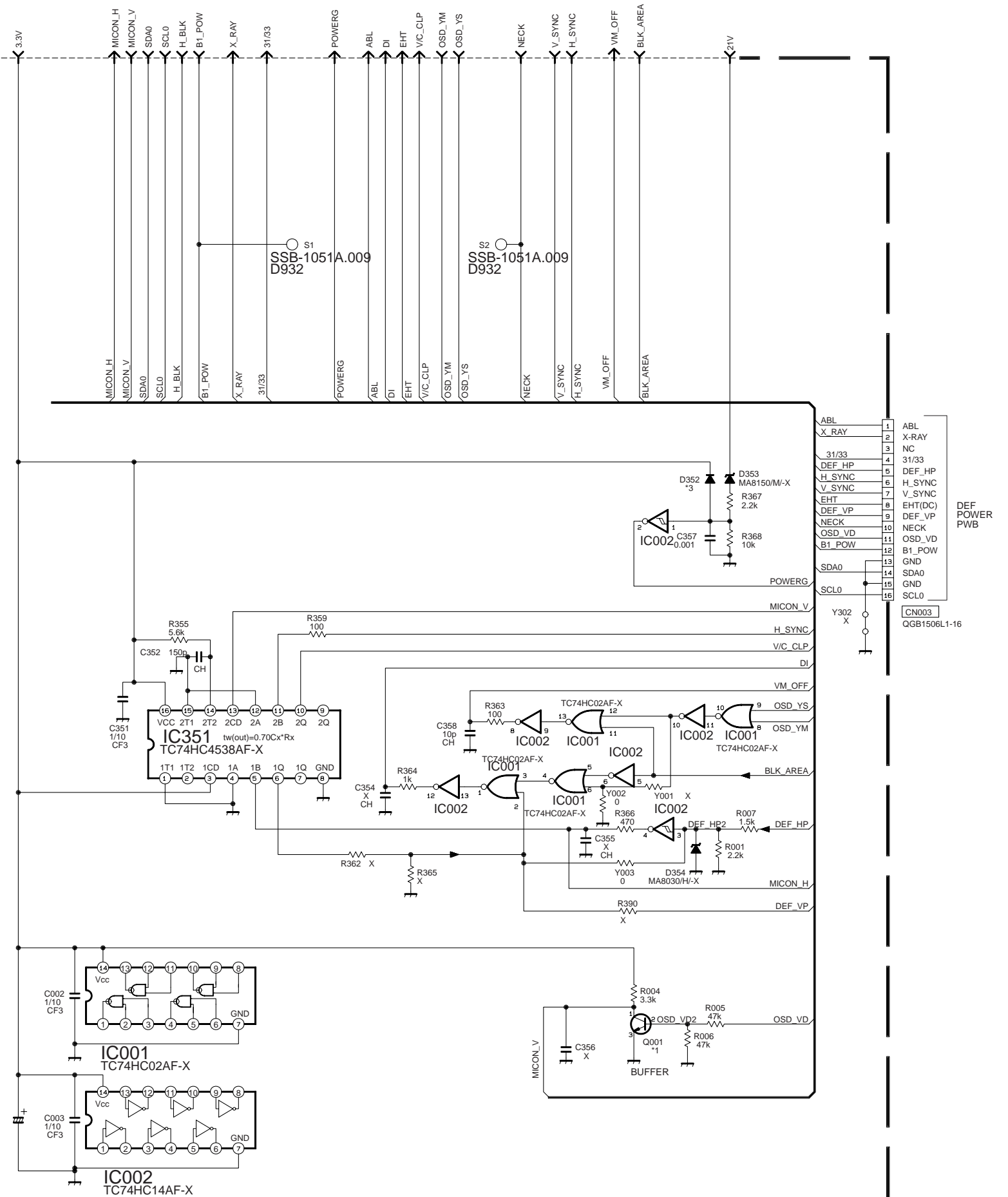
No.52007





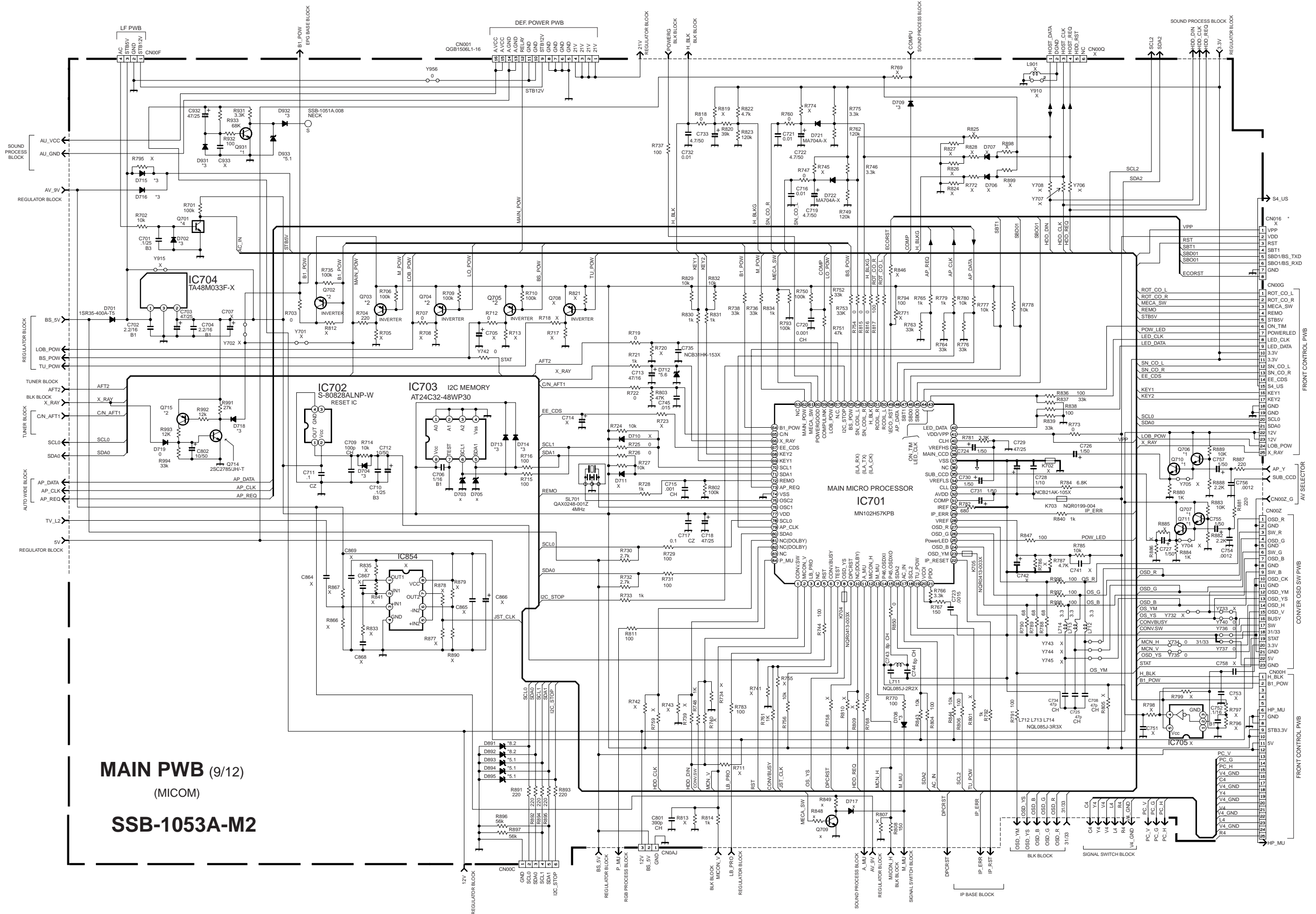
MAIN PWB CIRCUIT DIAGRAM [7/12]

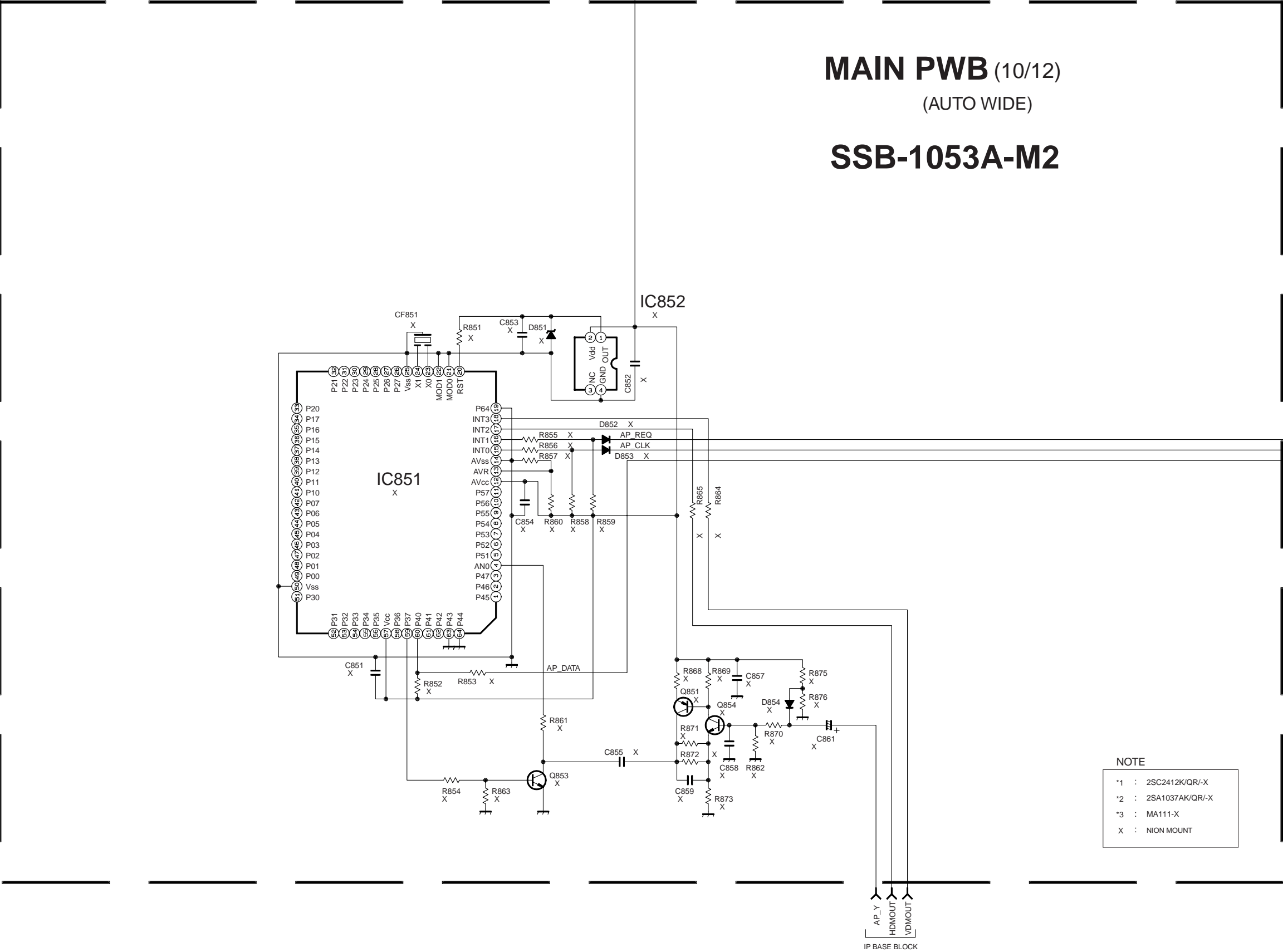




*1 : 2SC2412K/QR/-X
*2 : 2SA1037AK/QR/-X
*3 : MA111-X
X : NON MOUNT

MAIN PWB CIRCUIT DIAGRAM [9/12]



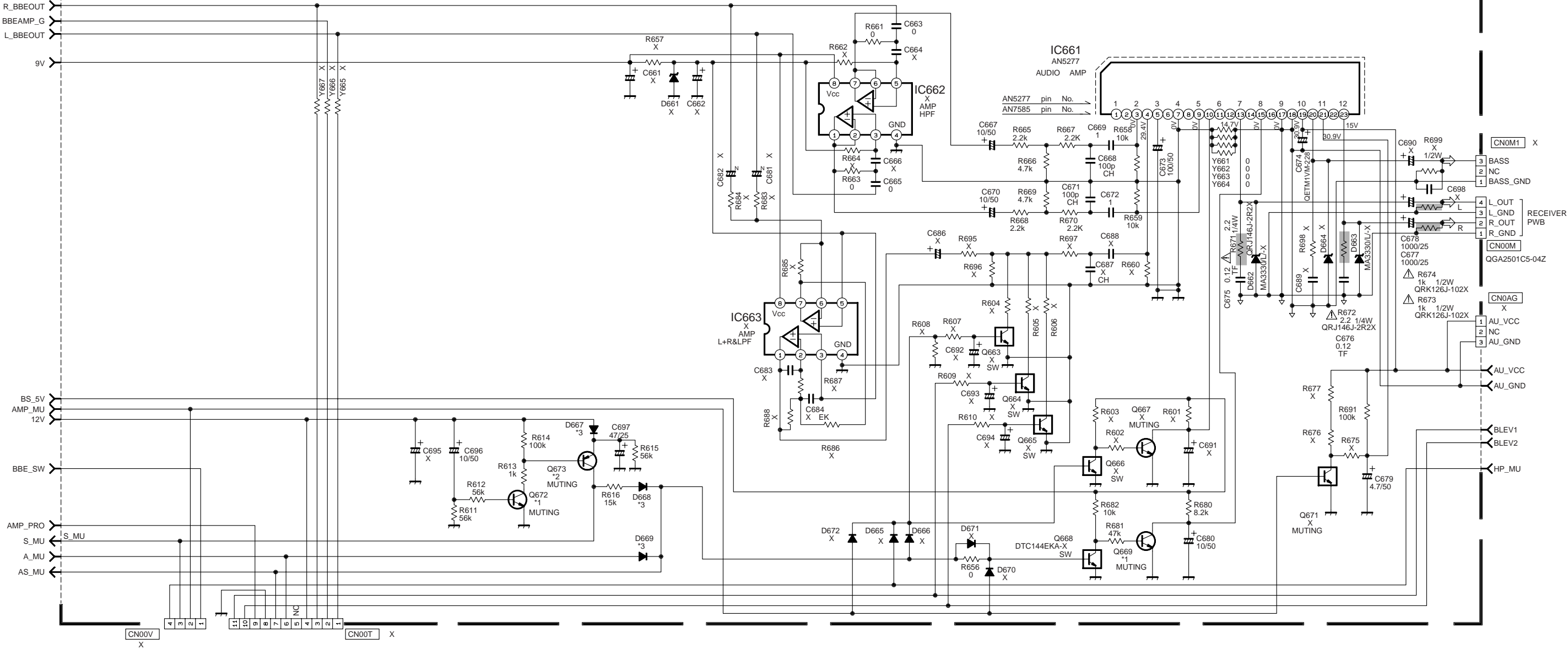


MAIN PWB (11/12)
(SOUND PROCESS)

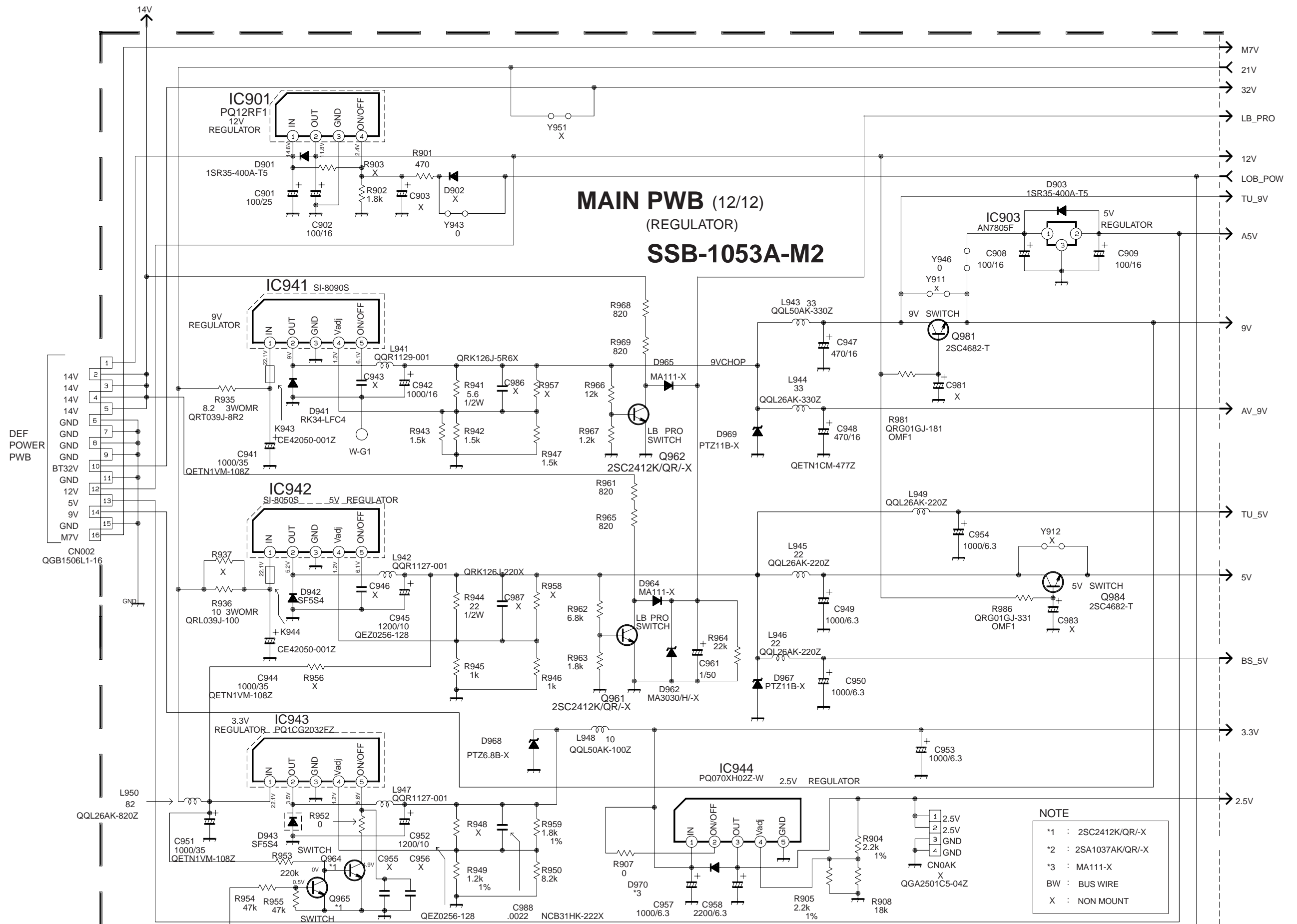
SSB-1053A-M2

NOTE

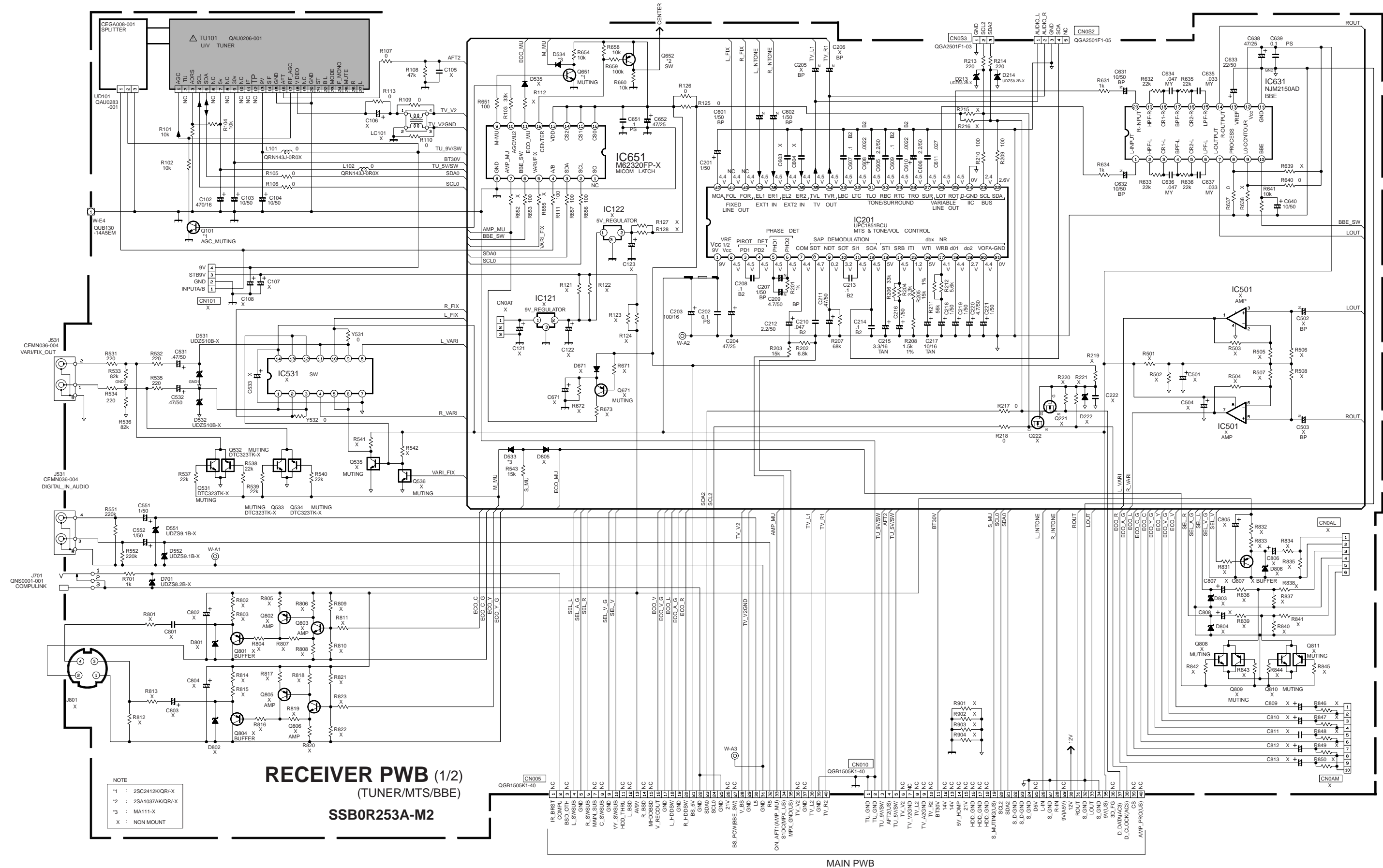
- *1 : 2SC2412K/QR/-X
- *2 : 2SA1037AK/QR/-X
- *3 : MA1111-X
- *6 : MA3062/M/-X
- X : NON MOUNT
- BW : BUS WIRE



MAIN PWB CIRCUIT DIAGRAM [12/12]



RECEIVER PWB CIRCUIT DIAGRAM [1/2]



CENTER SPEAKER PWB
SSB0A053A-M2

RECEIVER PWB (2/2)
SSB0R253A-M2

MAIN PWB

CN00M
QGA2501C5-04Z

CN00D
QGA2501C5-03Z

CN00S
QGA2501C5-08Z

TO SPEAKER

12V
CENTER

R_T_GND
R_TWEETER
R_GND
R
L_T_GND
L_TWEETER
L_GND
L

D661
1SS133-T2

R661
4.7k

R662
5.6k

Q661
2SC3311A/QR/-T
SW

RY661
QSK0133-001
SWITCH

D662
1SS133-T2

R663
4.7k

R664
5.6k

Q662
2SC3311A/QR/-T
SW

RY662
QSK0133-001
SWITCH

C661
3.3/50 BP
QEZ0206-335Z

R665
X 1/4!

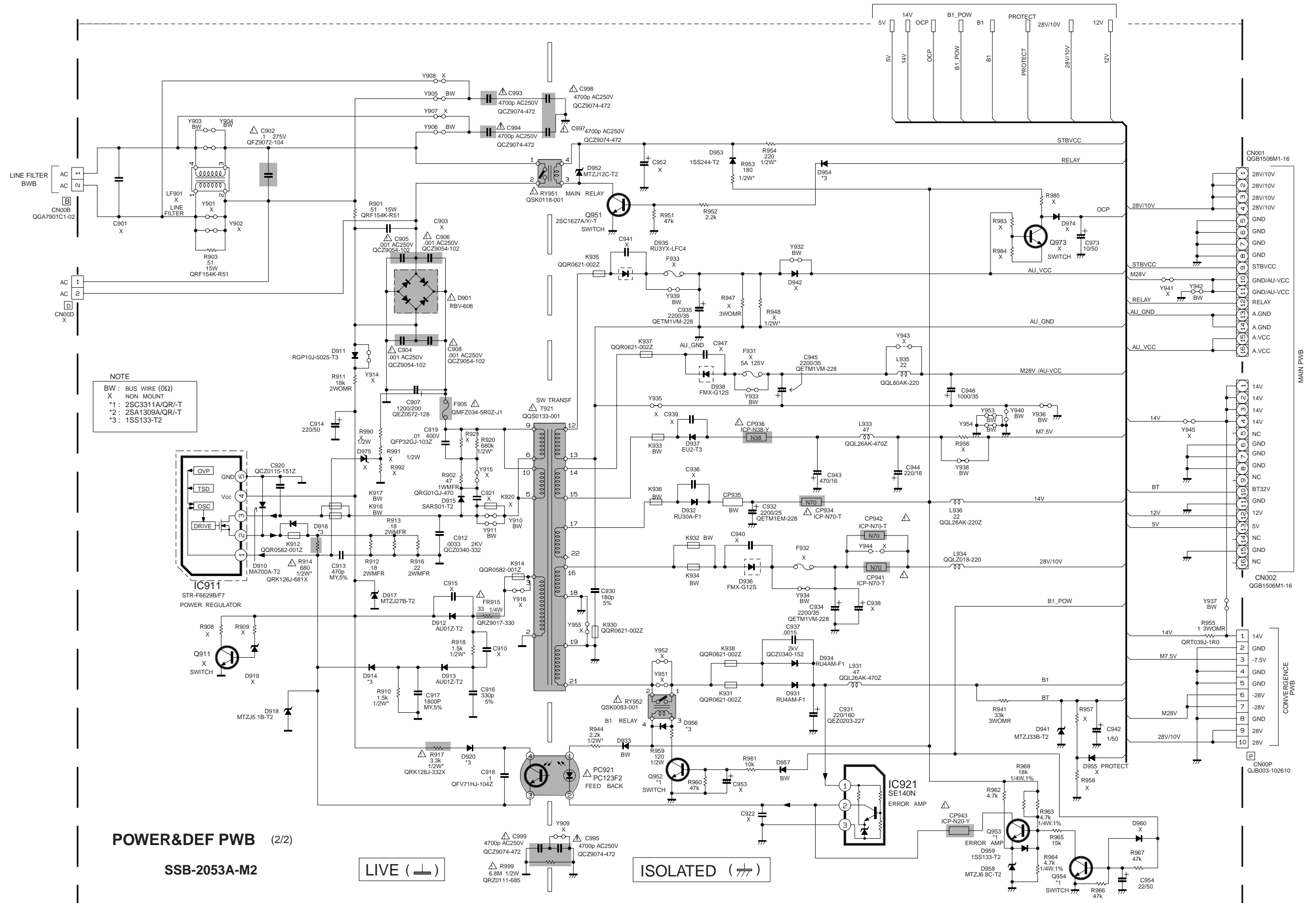
C662
3.3/50 BP
QEZ0206-335Z

R668
X 1/4!

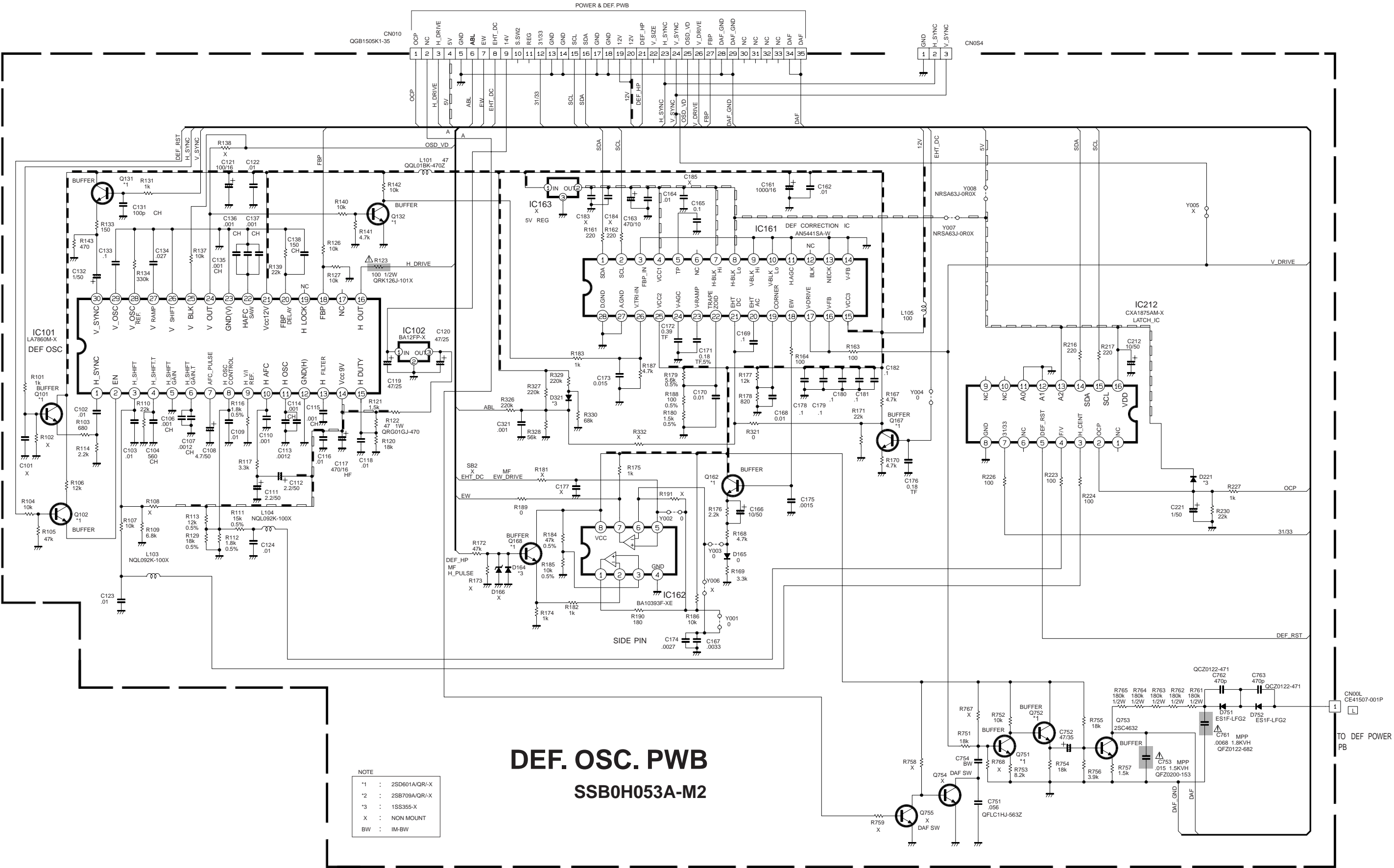
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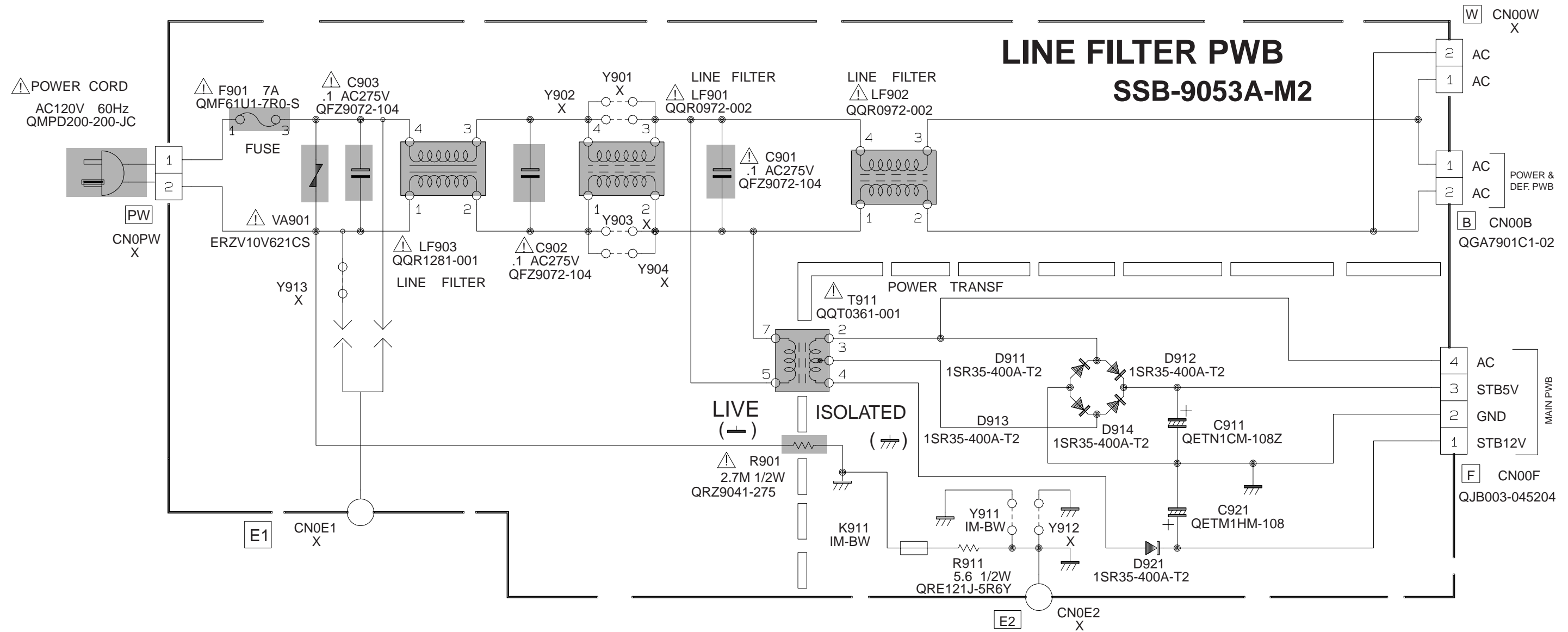
POWER & DEF. PWB CIRCUIT DIAGRAM [2/2]



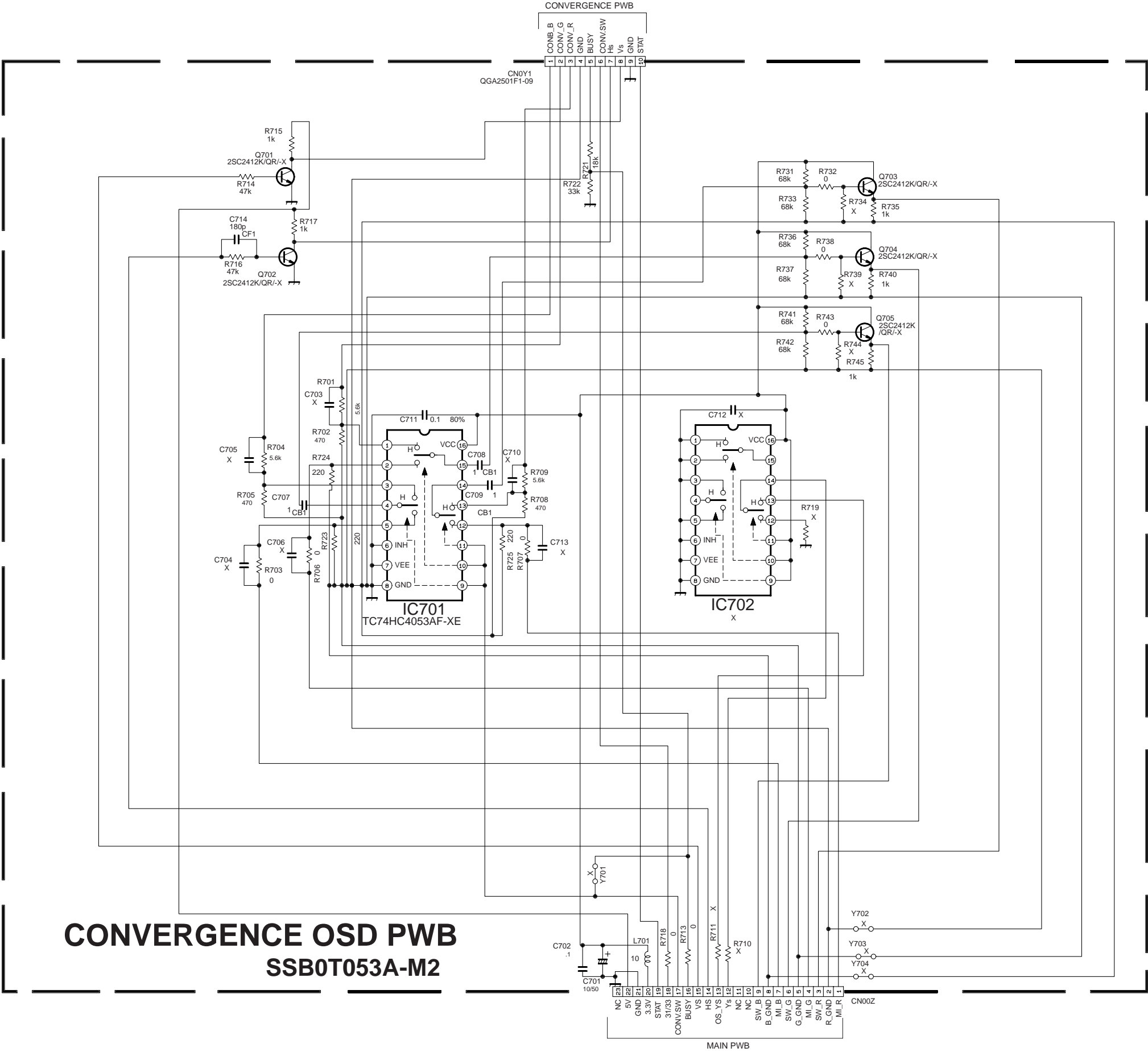
DEF OSC PWB CIRCUIT DIAGRAM



LINE FILTER PWB CIRCUIT DIAGRAM

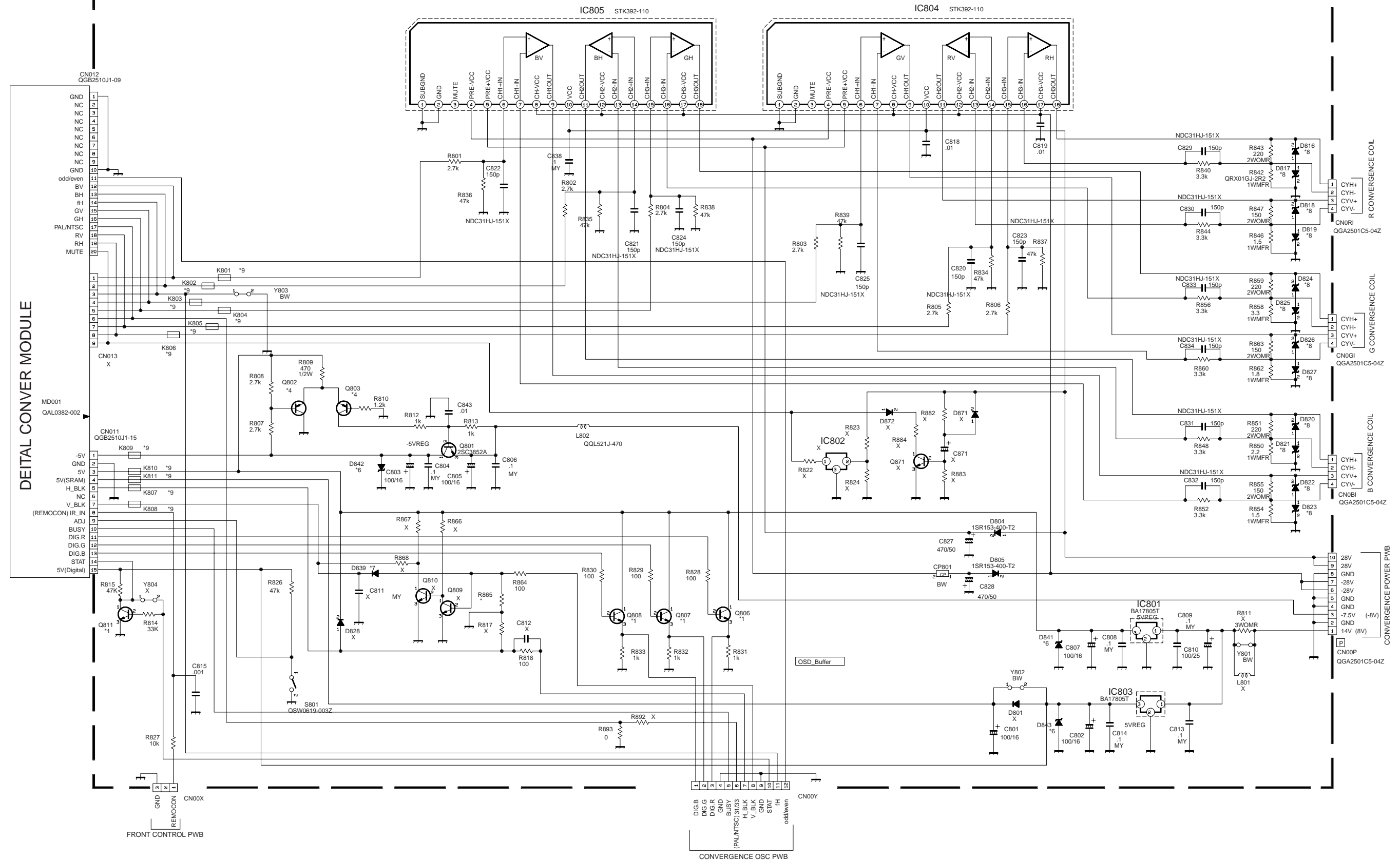


CONVERGENCE OSD PWB CIRCUIT DIAGRAM

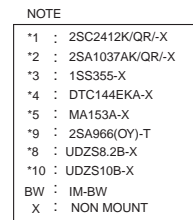


CONVERGENCE PWB

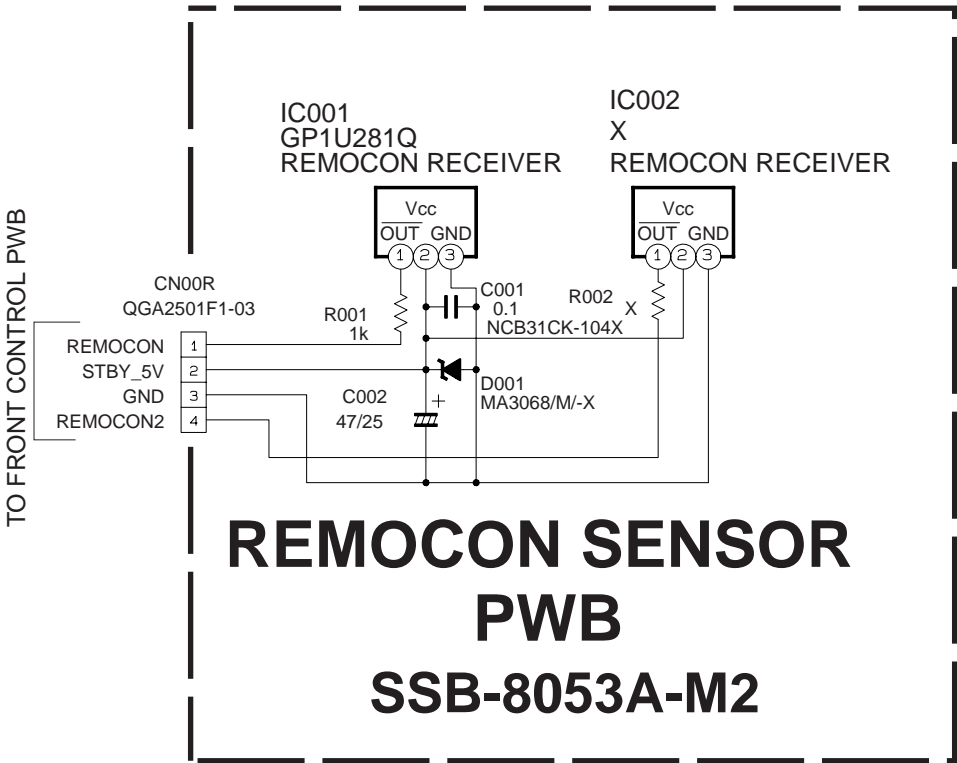
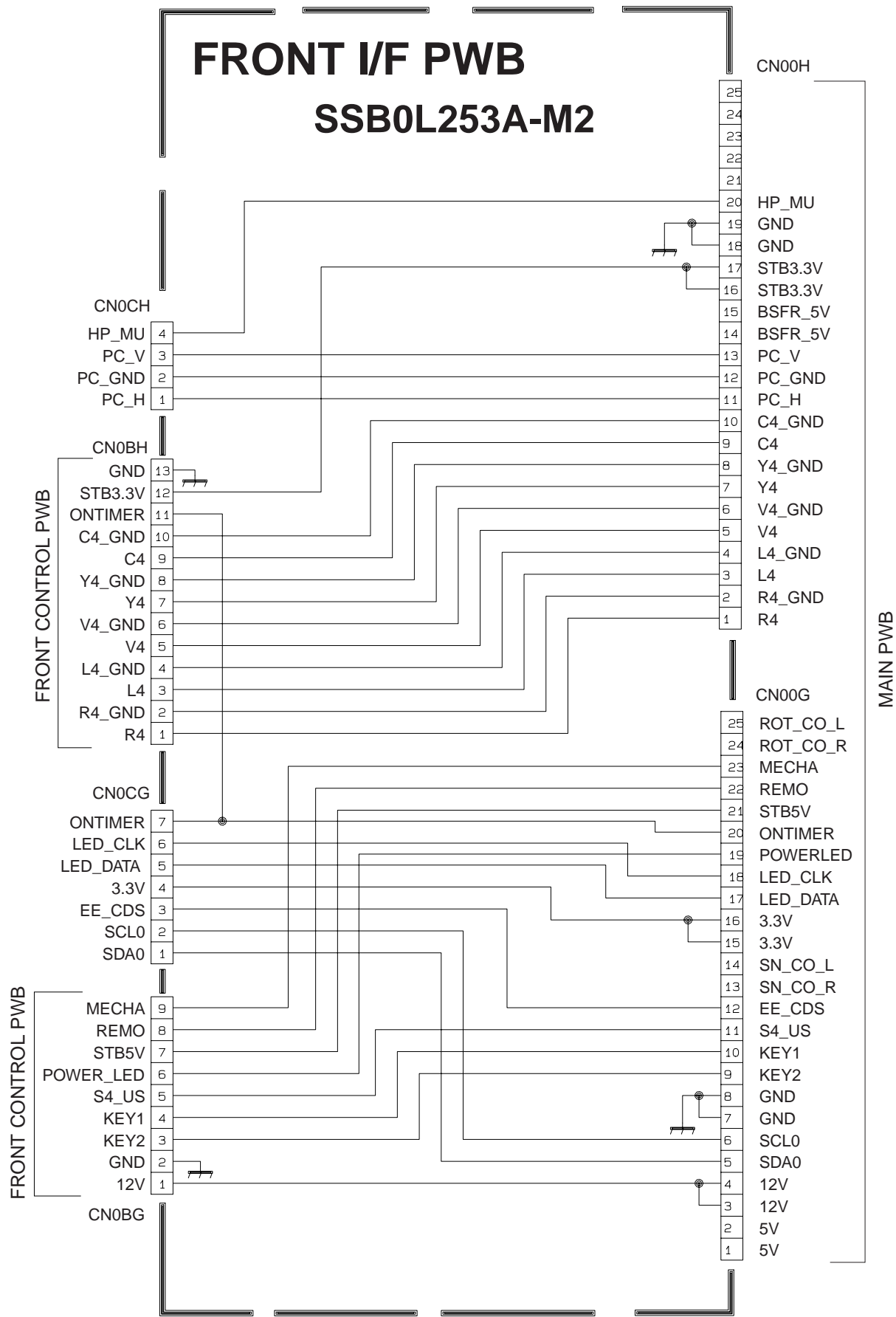
SSB-5053A-M2



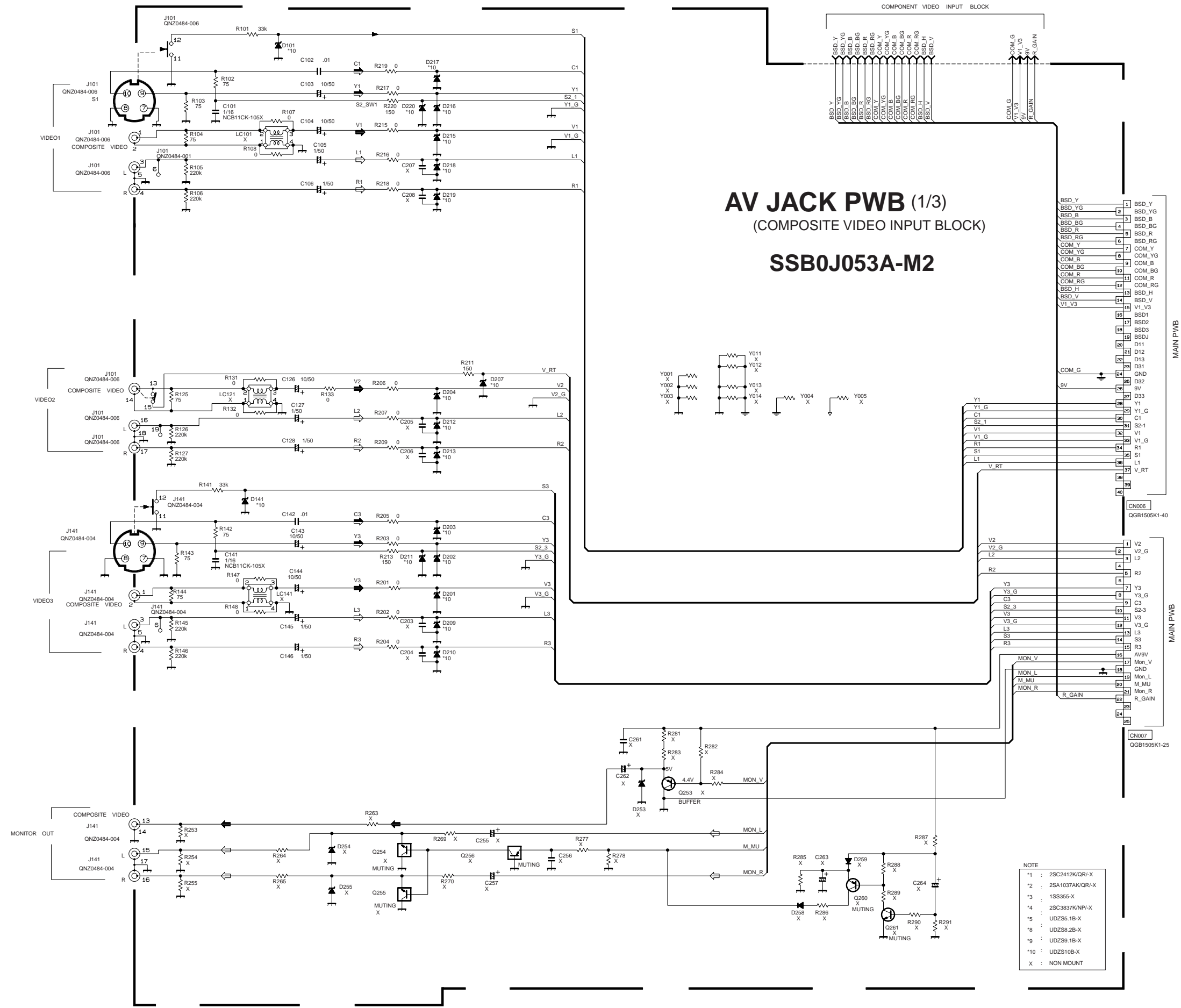
SSB0L053A-M2



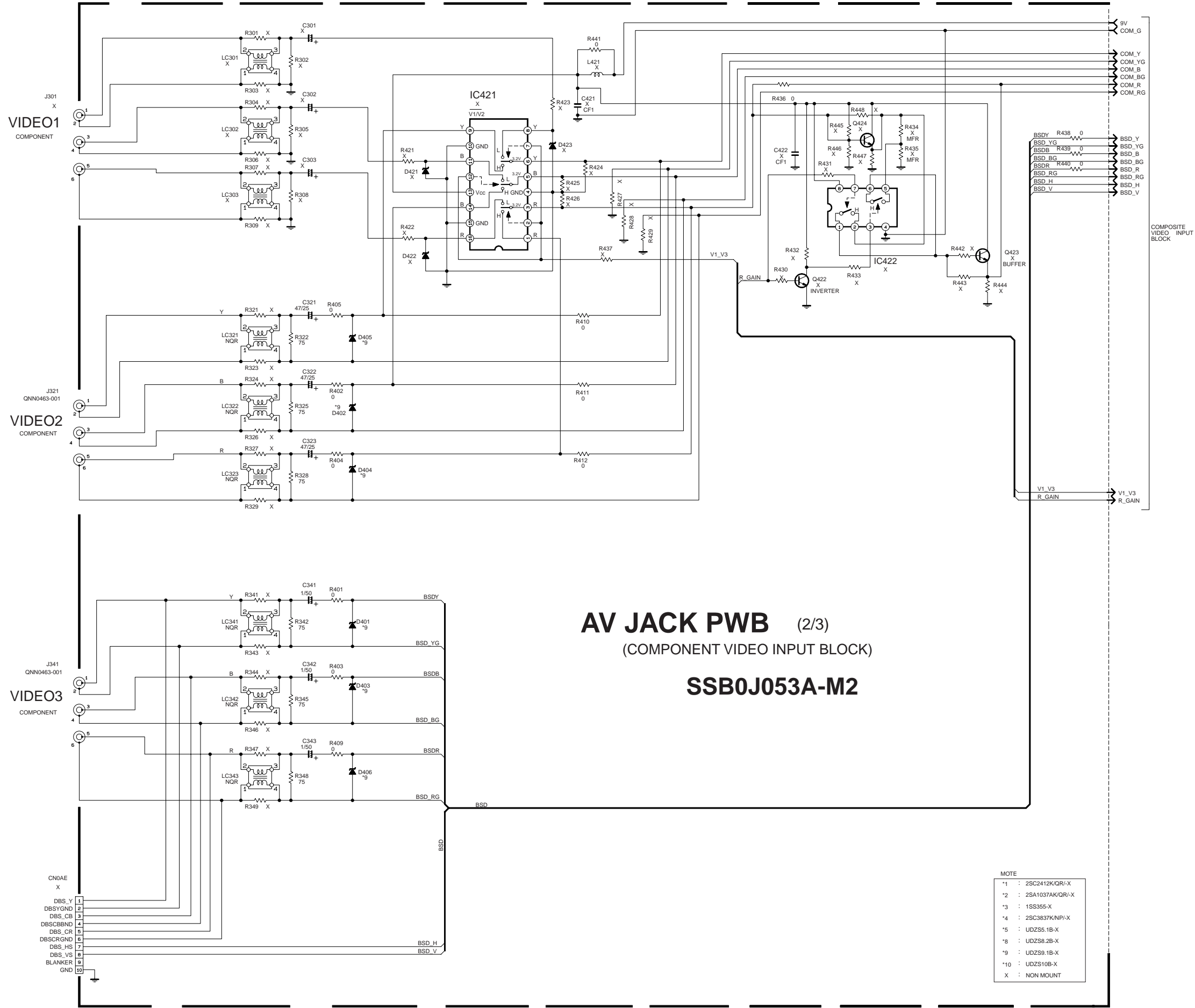
FRONT I/F PWB & REMOCON SENSOR PWB CIRCUIT DIAGRAM



AV JACK PWB CIRCUIT DIAGRAM [1/3]



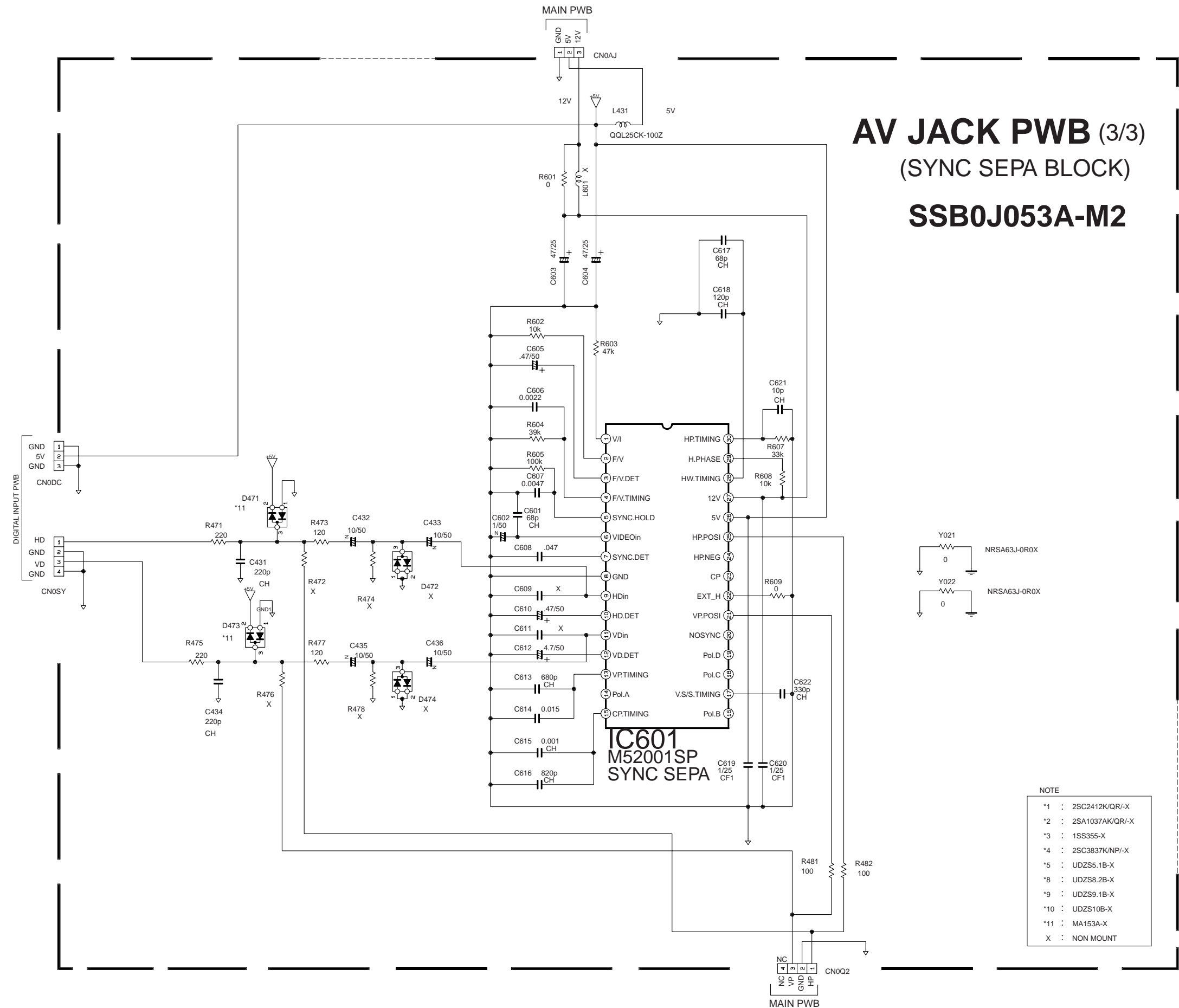
AV JACK PWB CIRCUIT DIAGRAM [2/3]



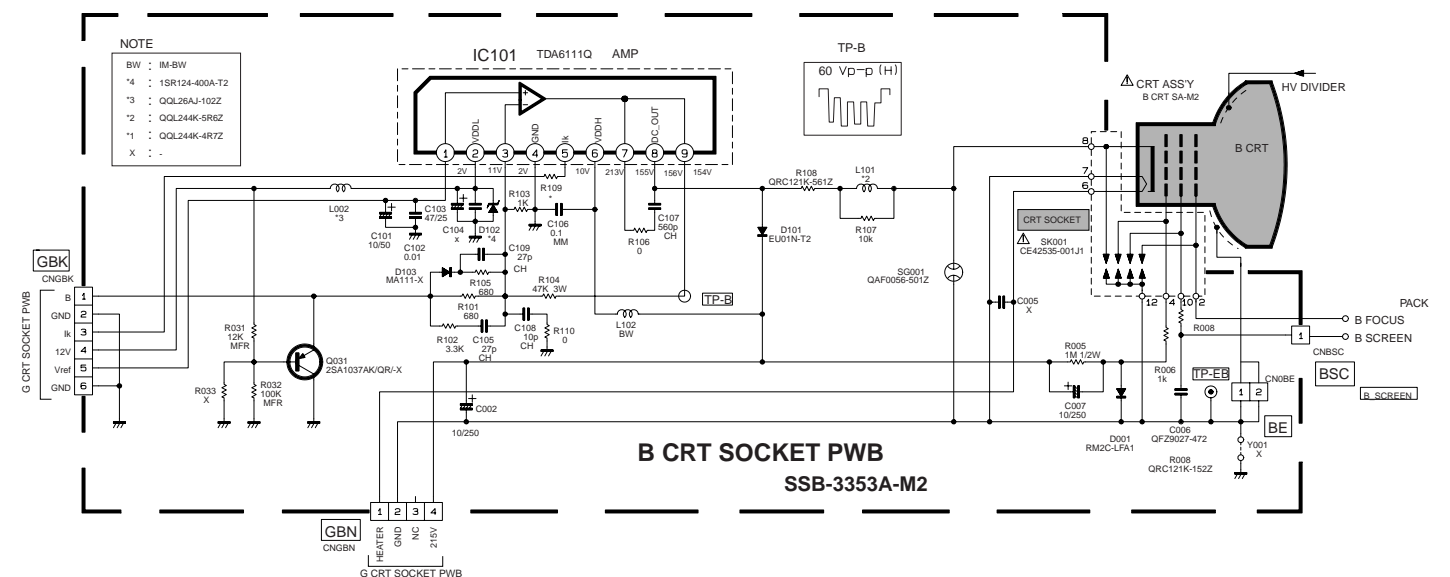
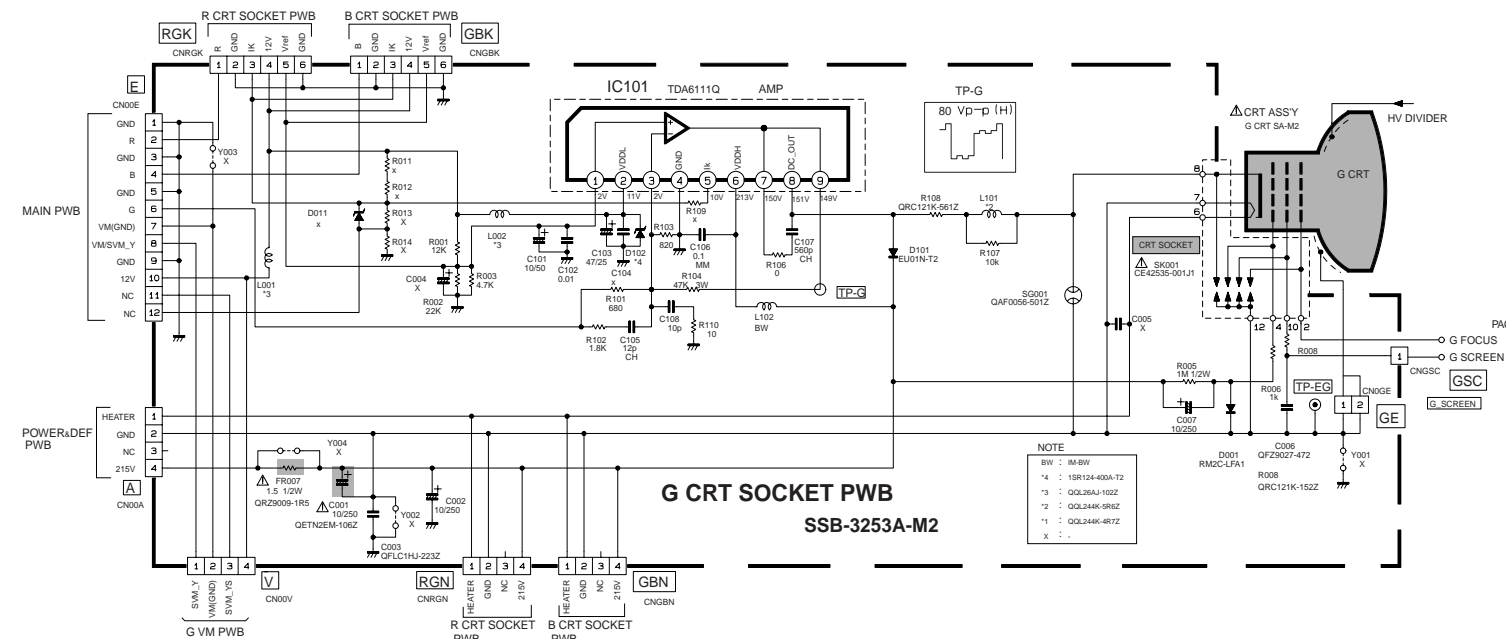
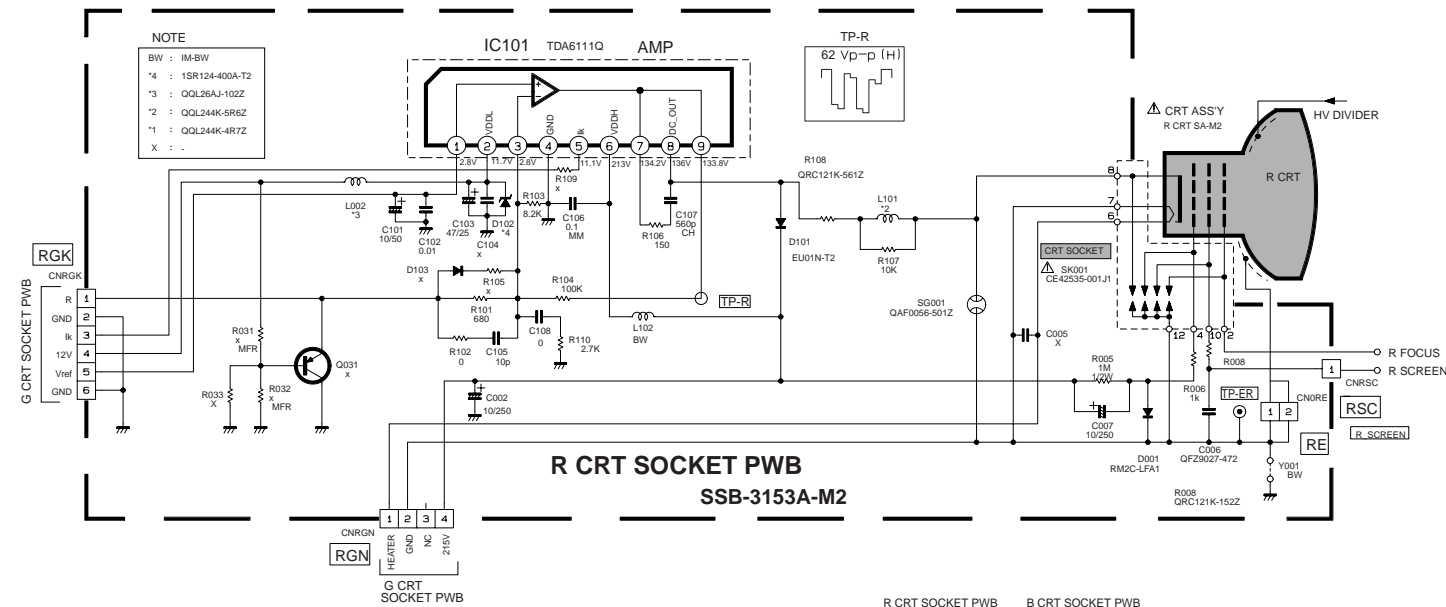
AV JACK PWB (2/3)
(COMPONENT VIDEO INPUT BLOCK)
SSB0J053A-M2

MOTE

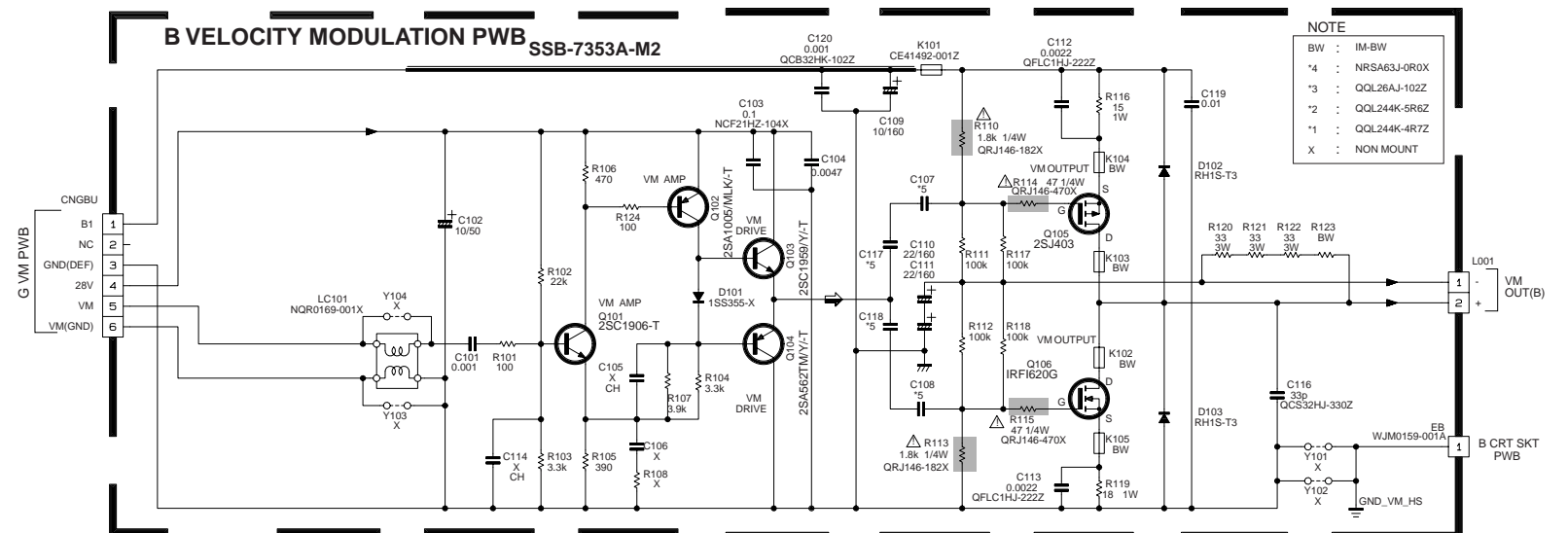
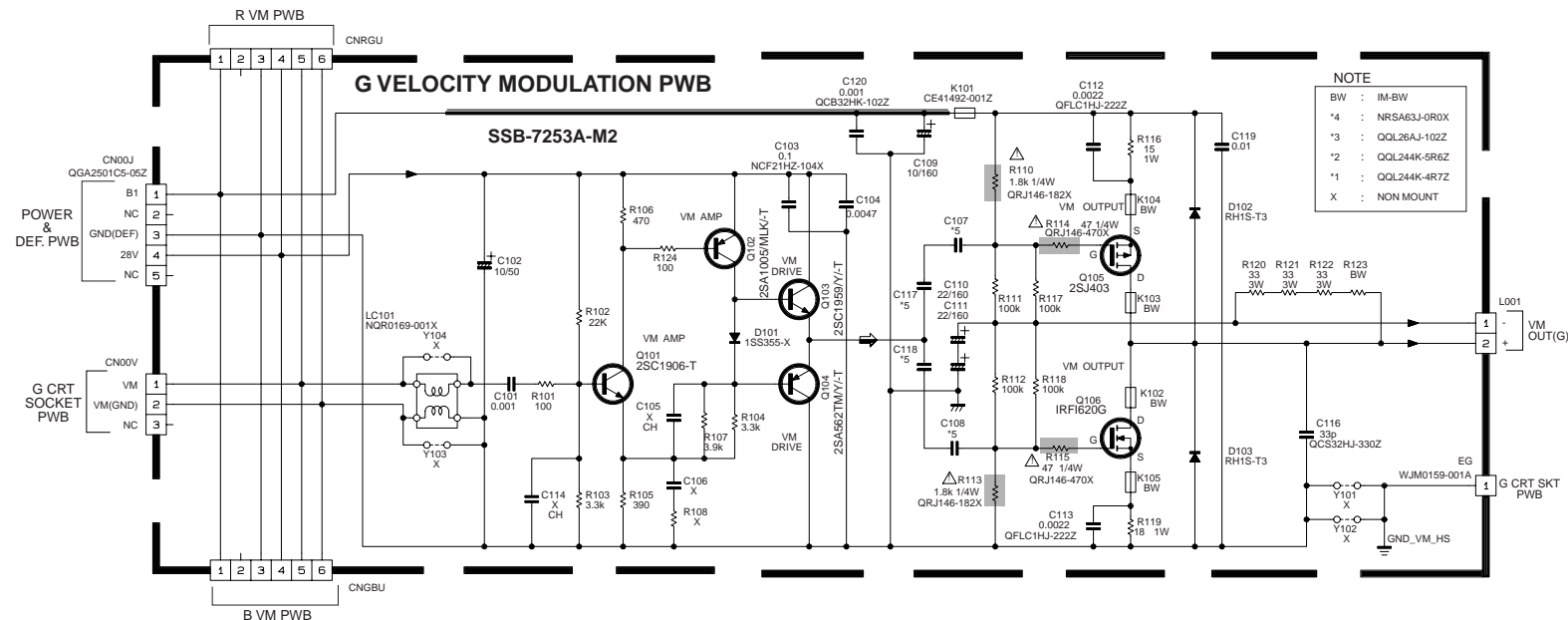
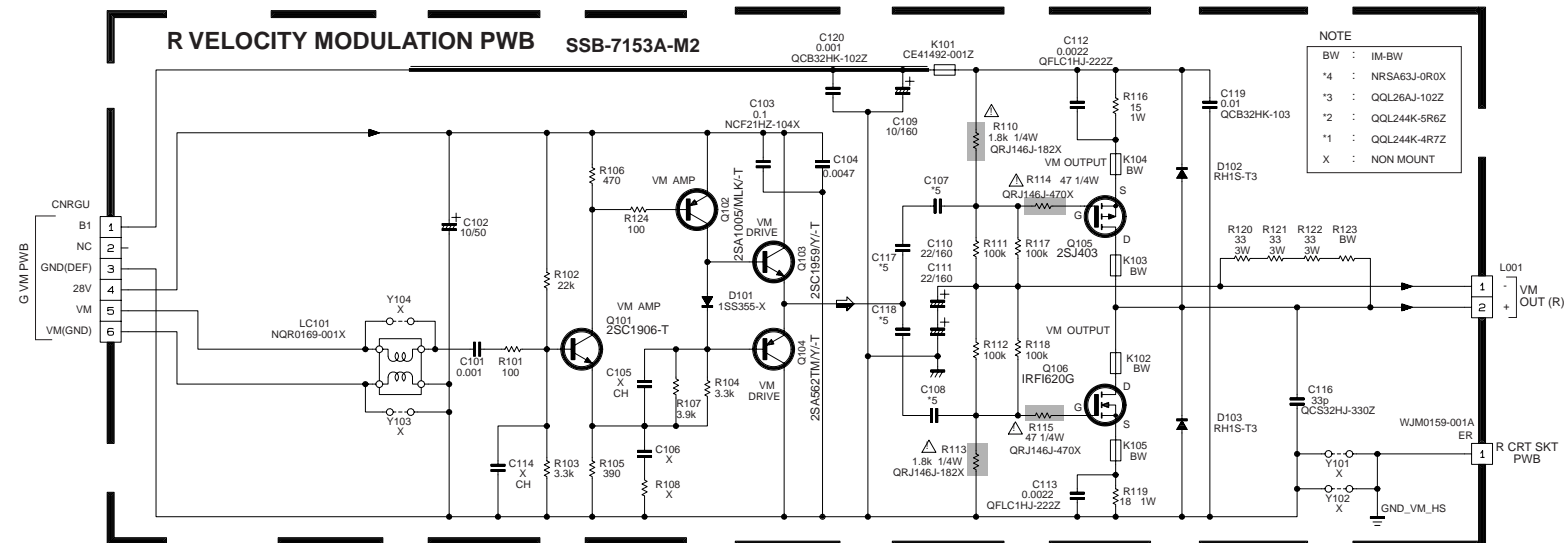
*1	: 2SC2412K/QR/-X
*2	: 2SA1037AK/QR/-X
*3	: 1SS355-X
*4	: 2SC3837K/NP/-X
*5	: UDZS5.1B-X
*8	: UDZS8.2B-X
*9	: UDZS9.1B-X
*10	: UDZS10B-X
X	: NON MOUNT



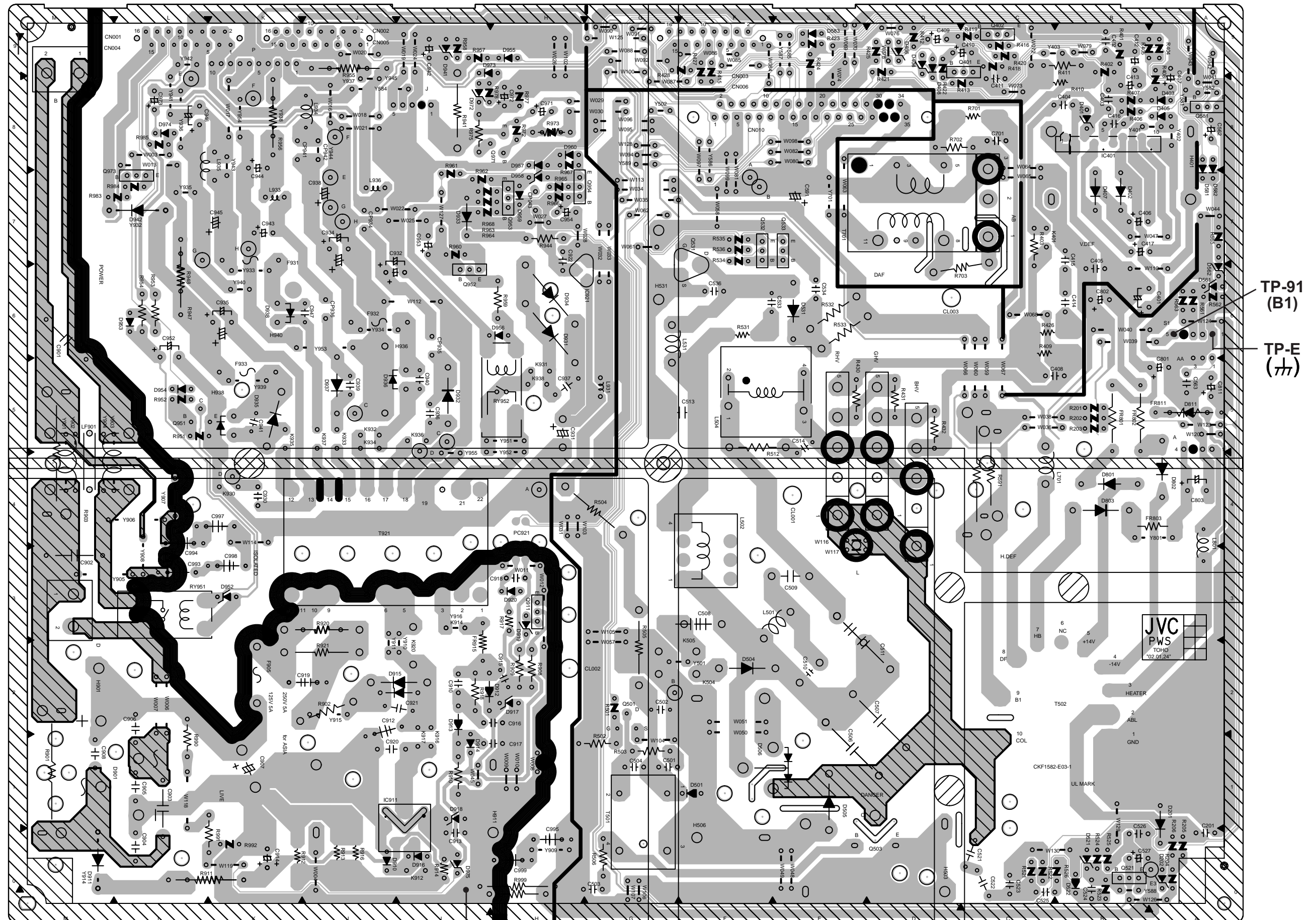
R/G/B CRT SOCKET PWB CIRCUIT DIAGRAM



R/G/B VM PWB CIRCUIT DIAGRAM

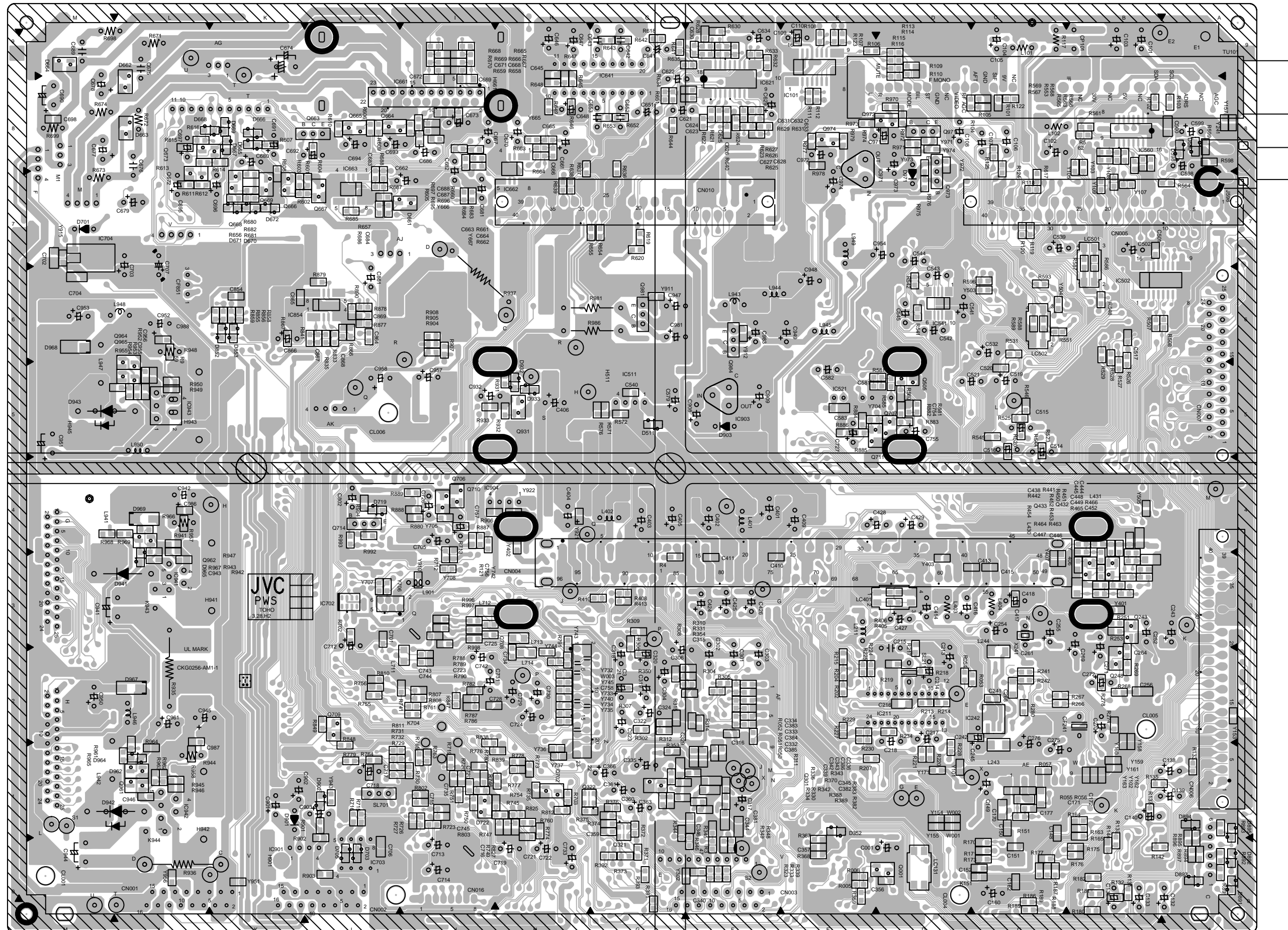


PATTERN DIAGRAMS POWER & DEF. PWB PATTERN

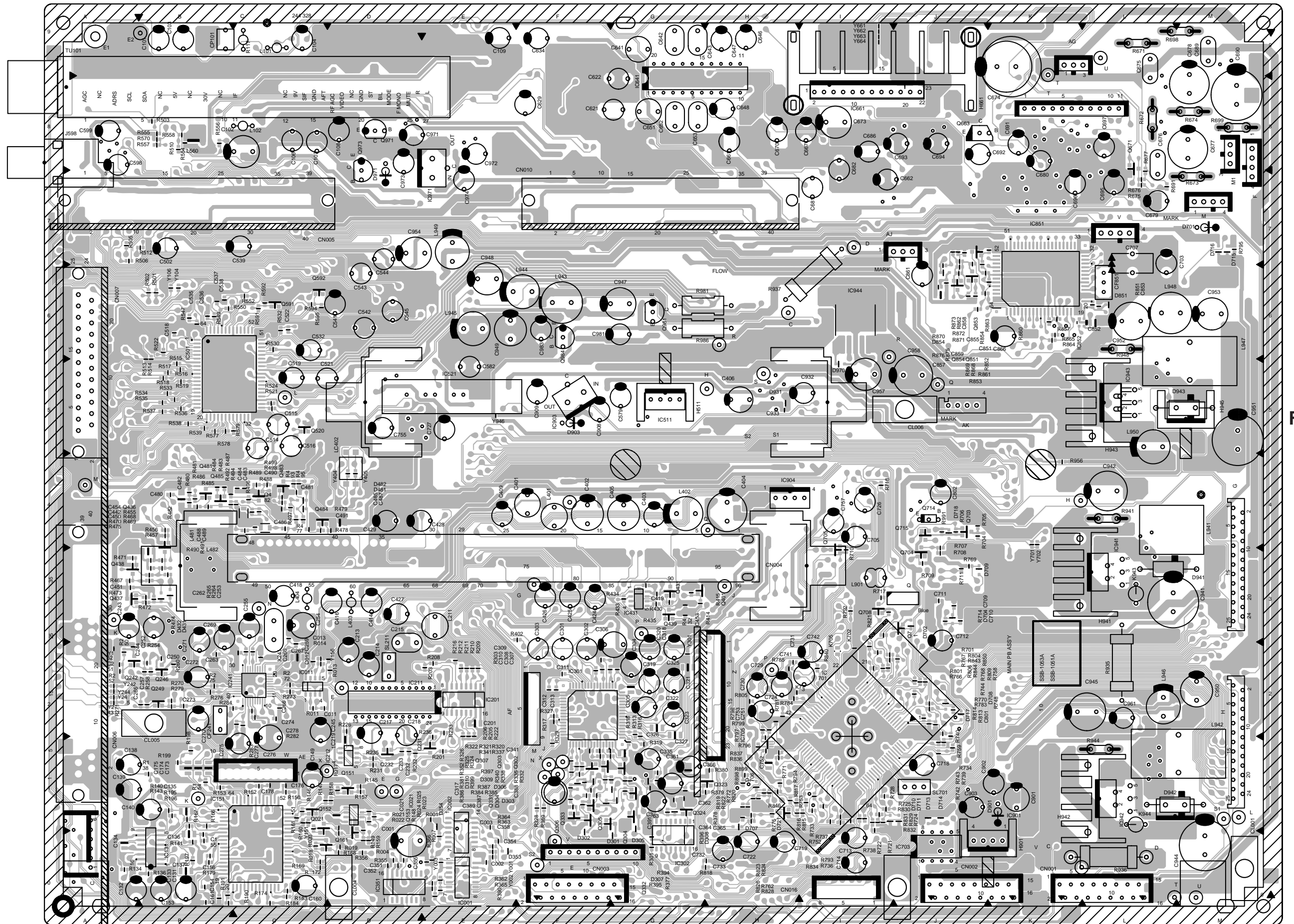
FRONT
↑TP-91
(B1)TP-E
(π)

MAIN PWB PATTERN [SOLDER SIDE]

FRONT



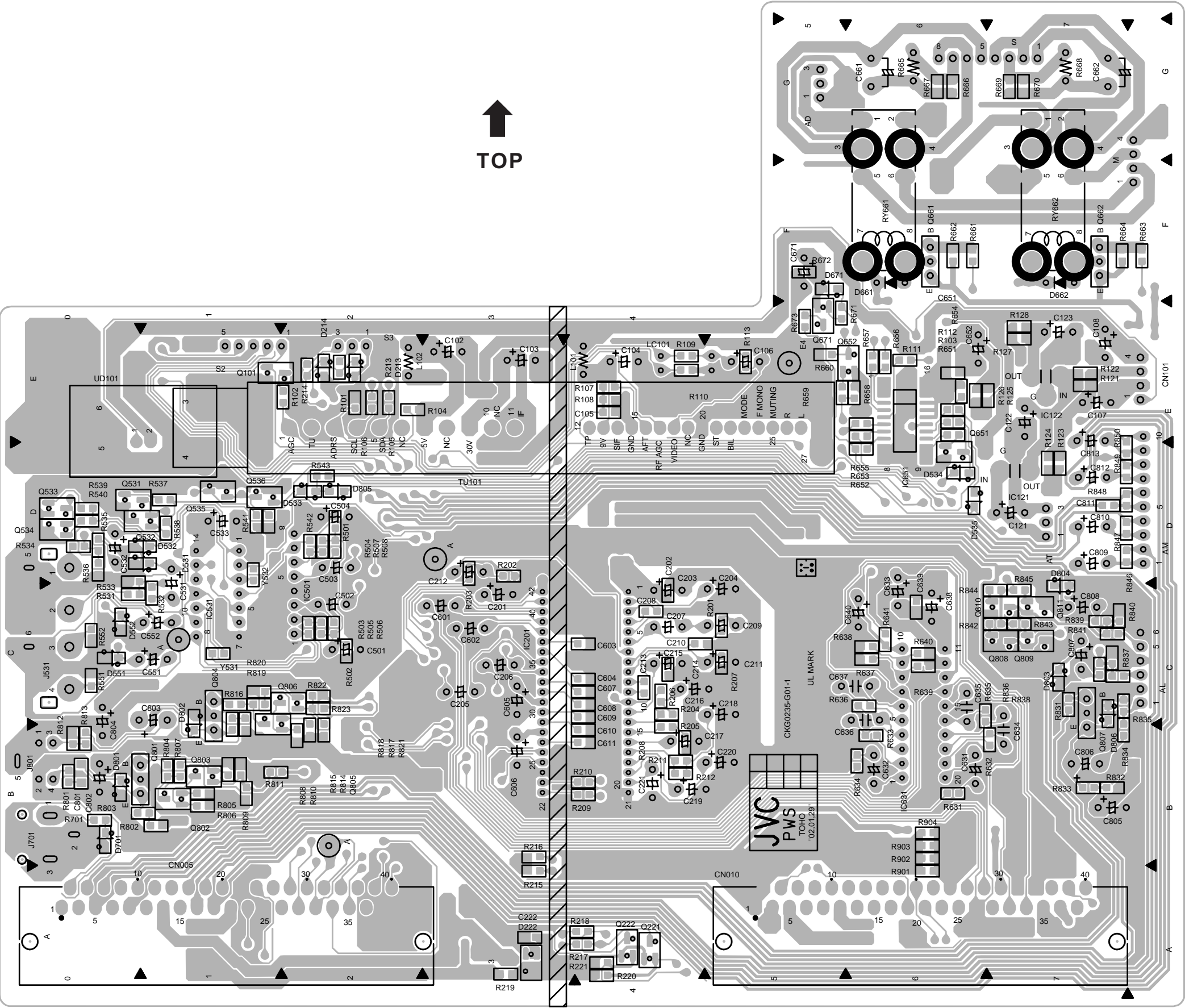
MAIN PWB PATTERN [PARTS SIDE]



FRONT

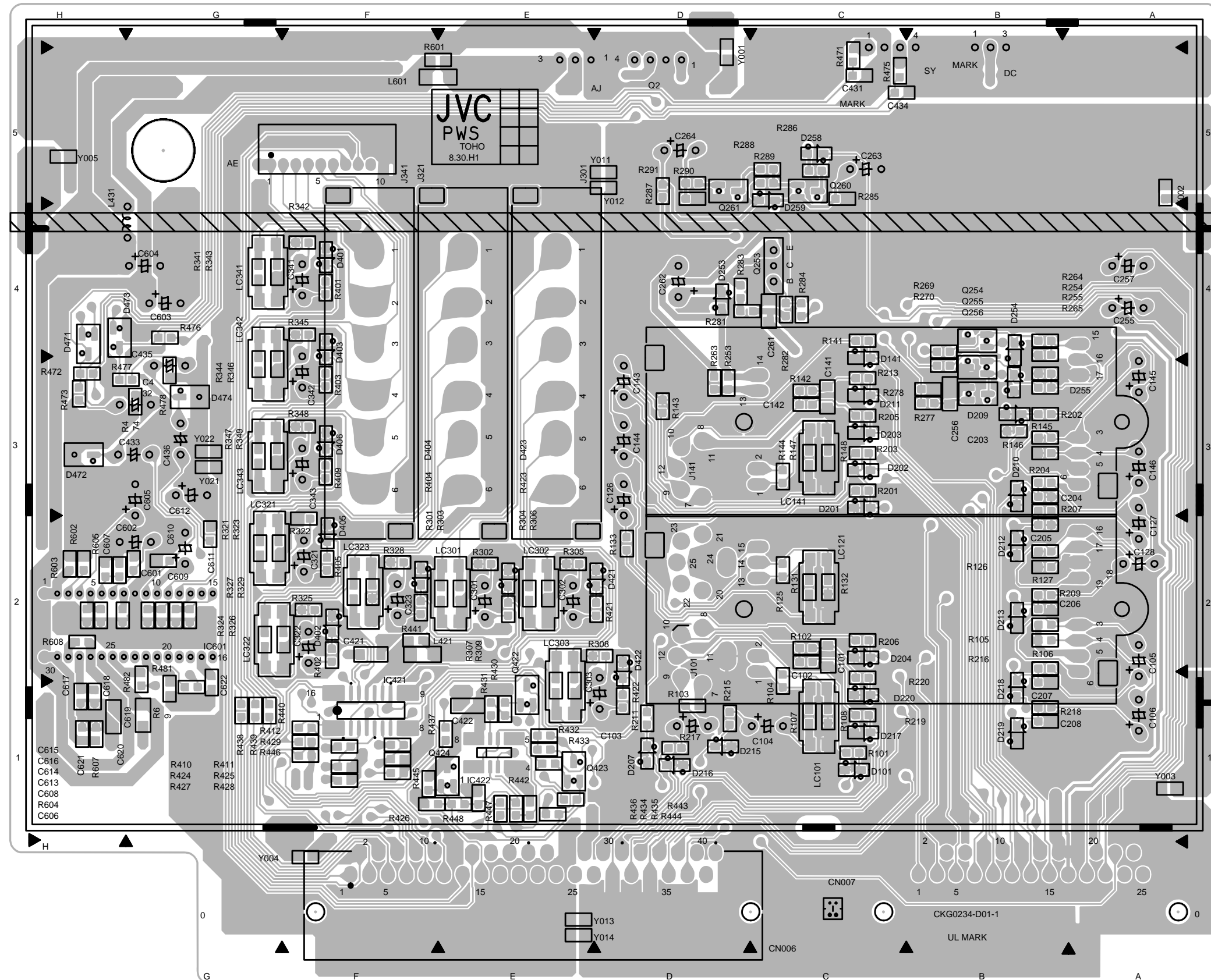


RECEIVER PWB PATTERN



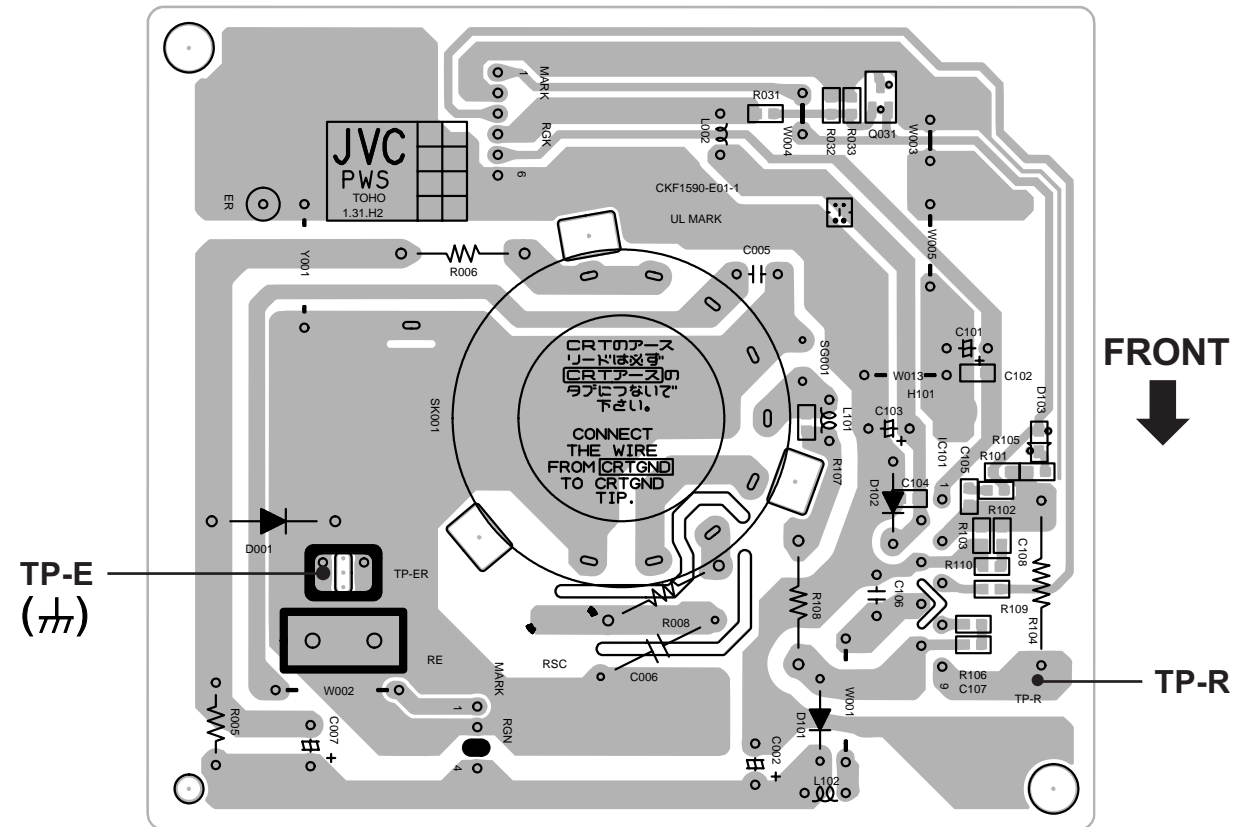
AV JACK PWB PATTERN

↑
TOP

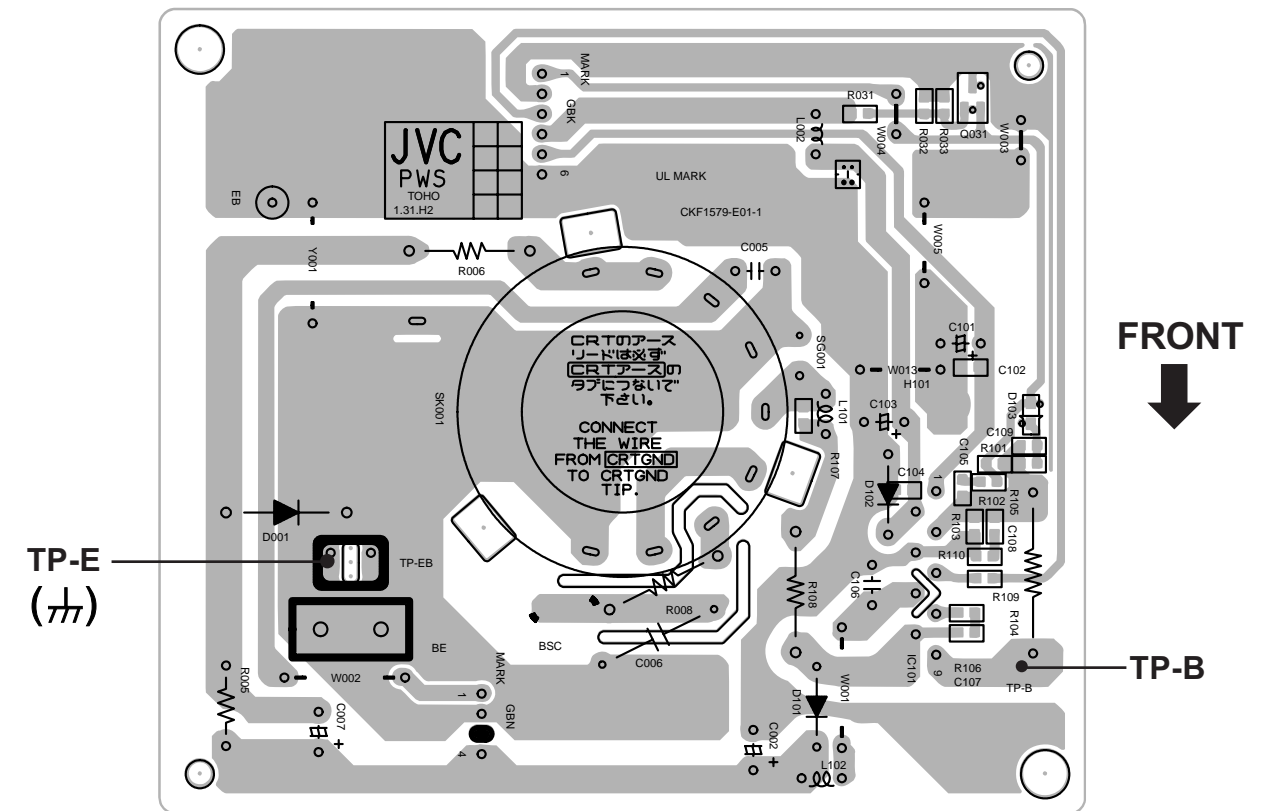


R/G/B CRT SOCKET PWB PATTERN

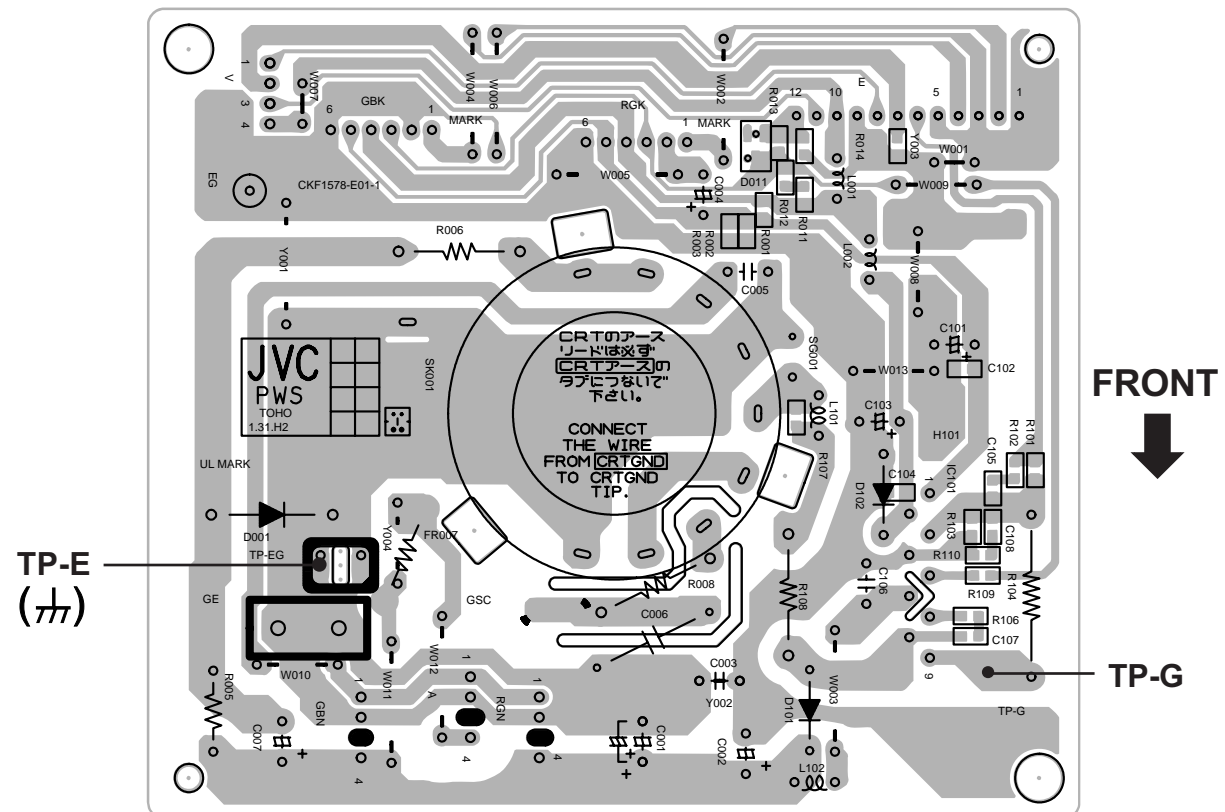
[R CRT SOCKET PWB]



[B CRT SOCKET PWB]



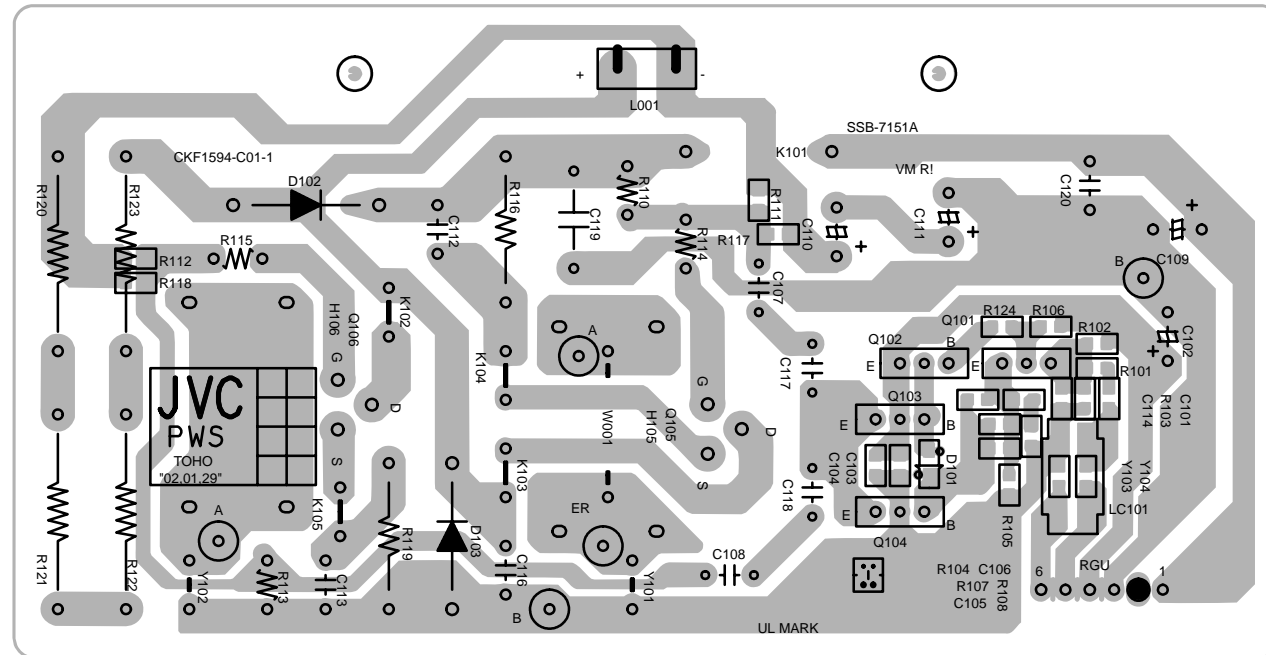
[G CRT SOCKET PWB]



R/G/B VM PWB PATTERN

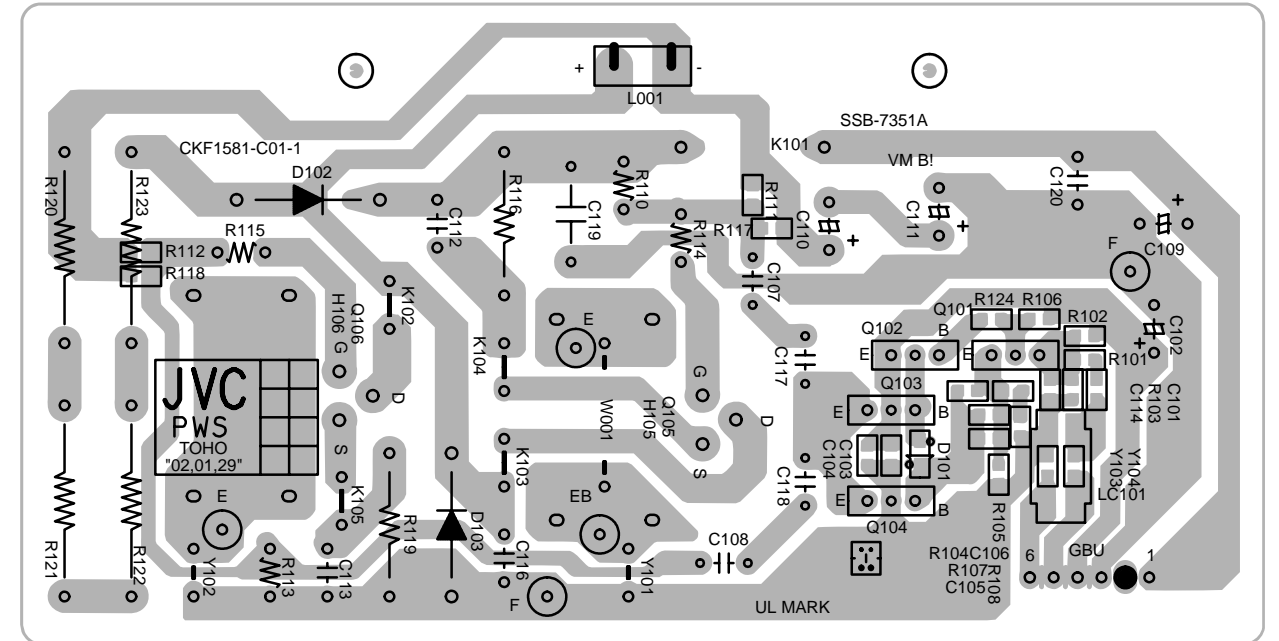
[R VM PWB]

FRONT



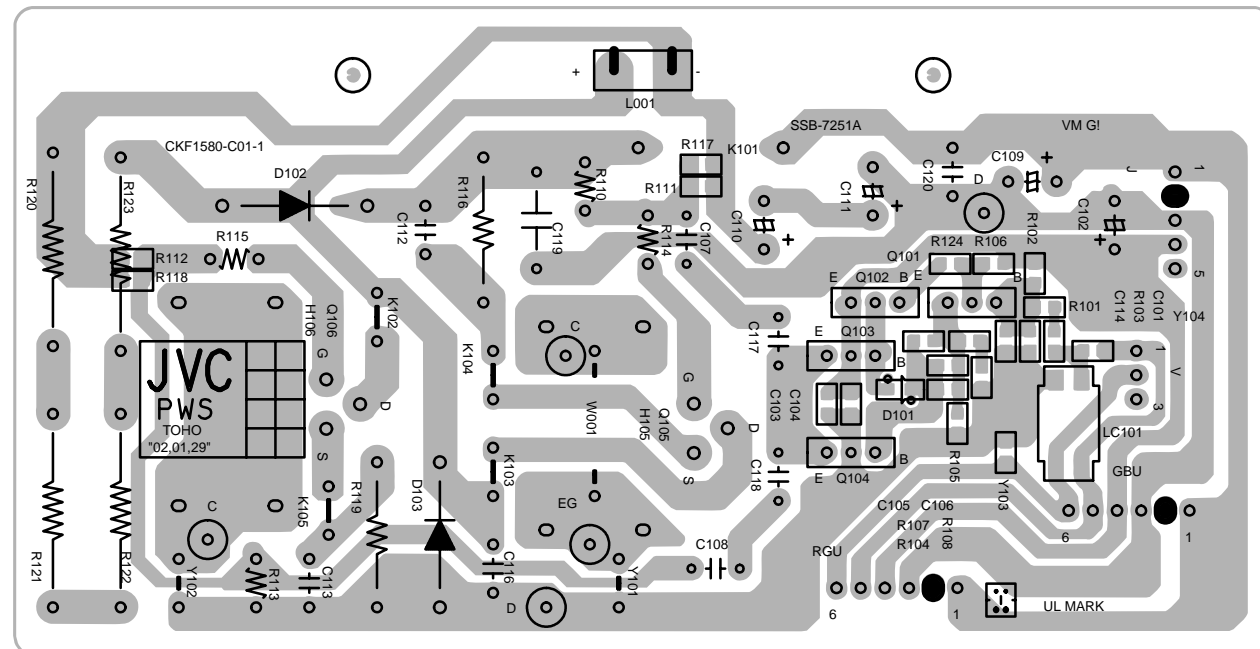
[B VM PWB]

FRONT



[G VM PWB]

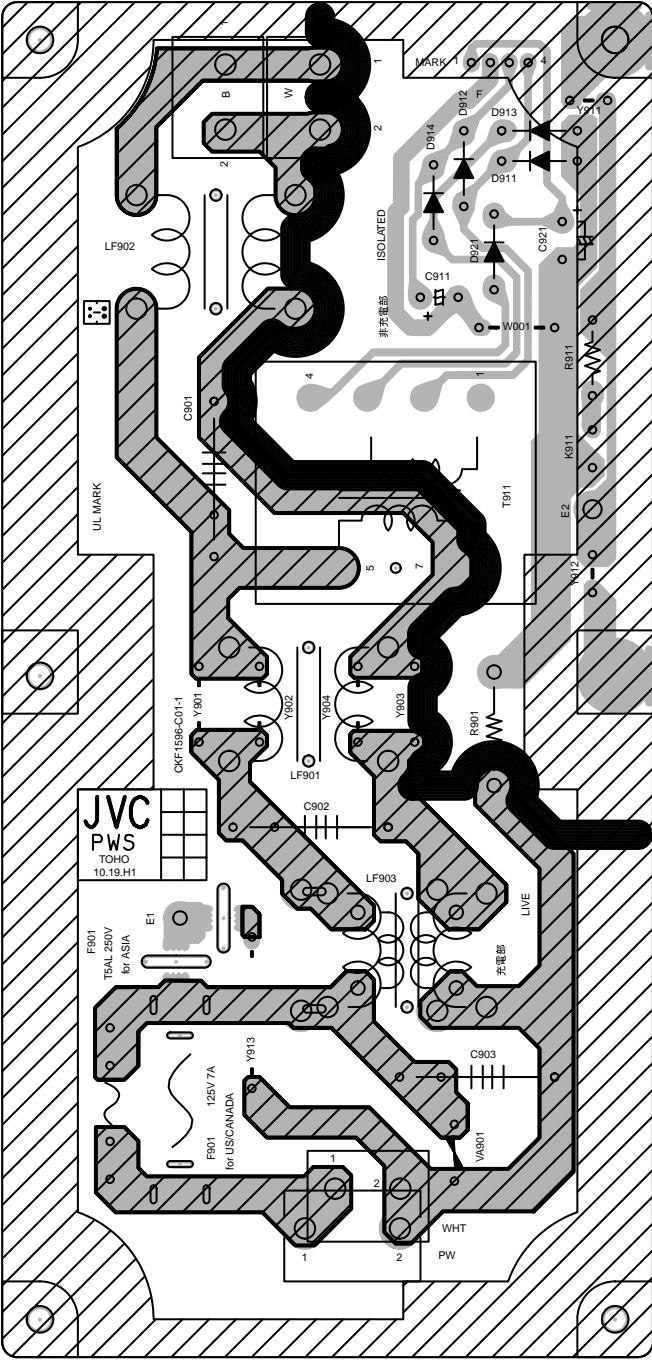
FRONT



LINE FILTER PWB PATTERN



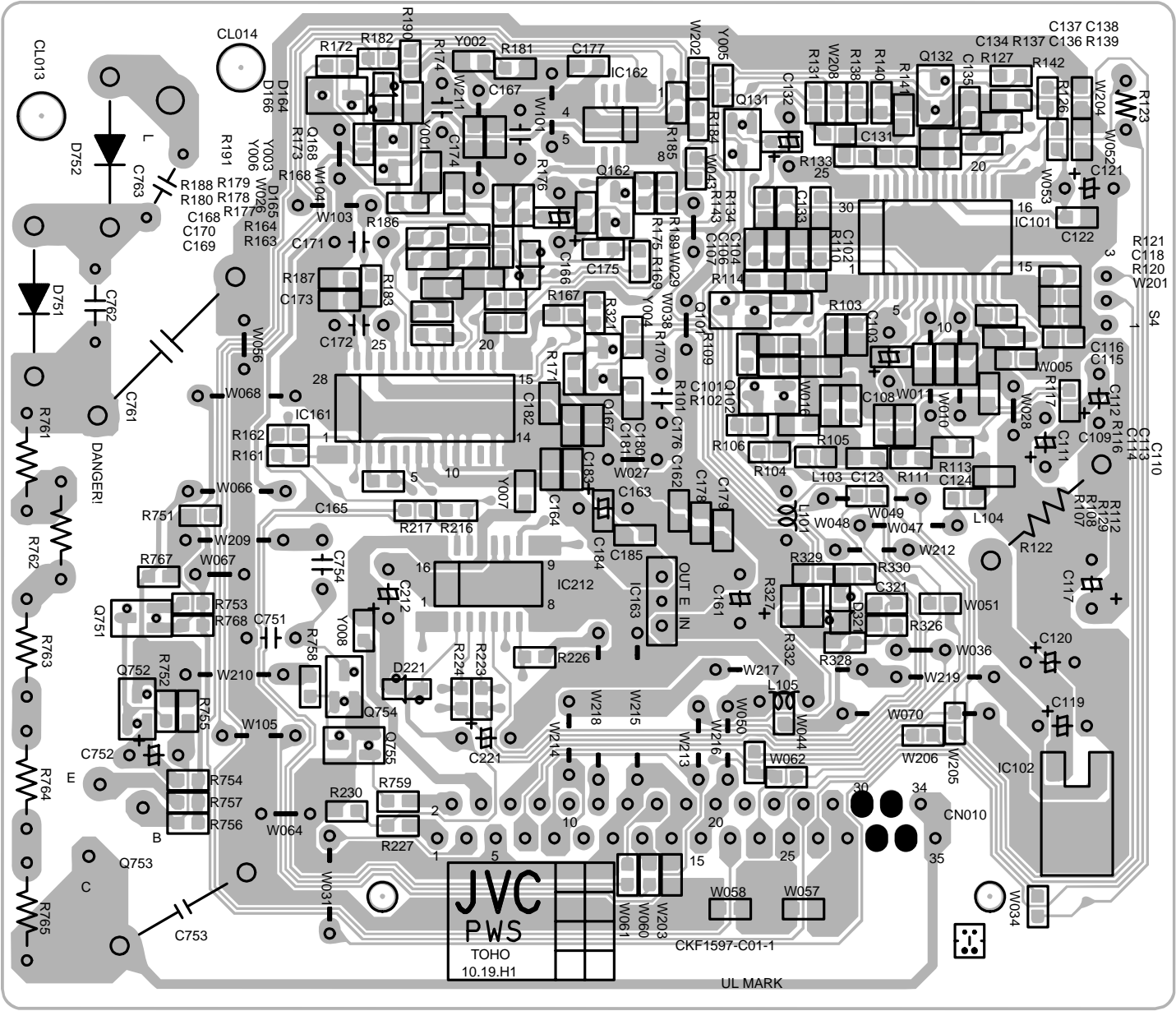
TOP



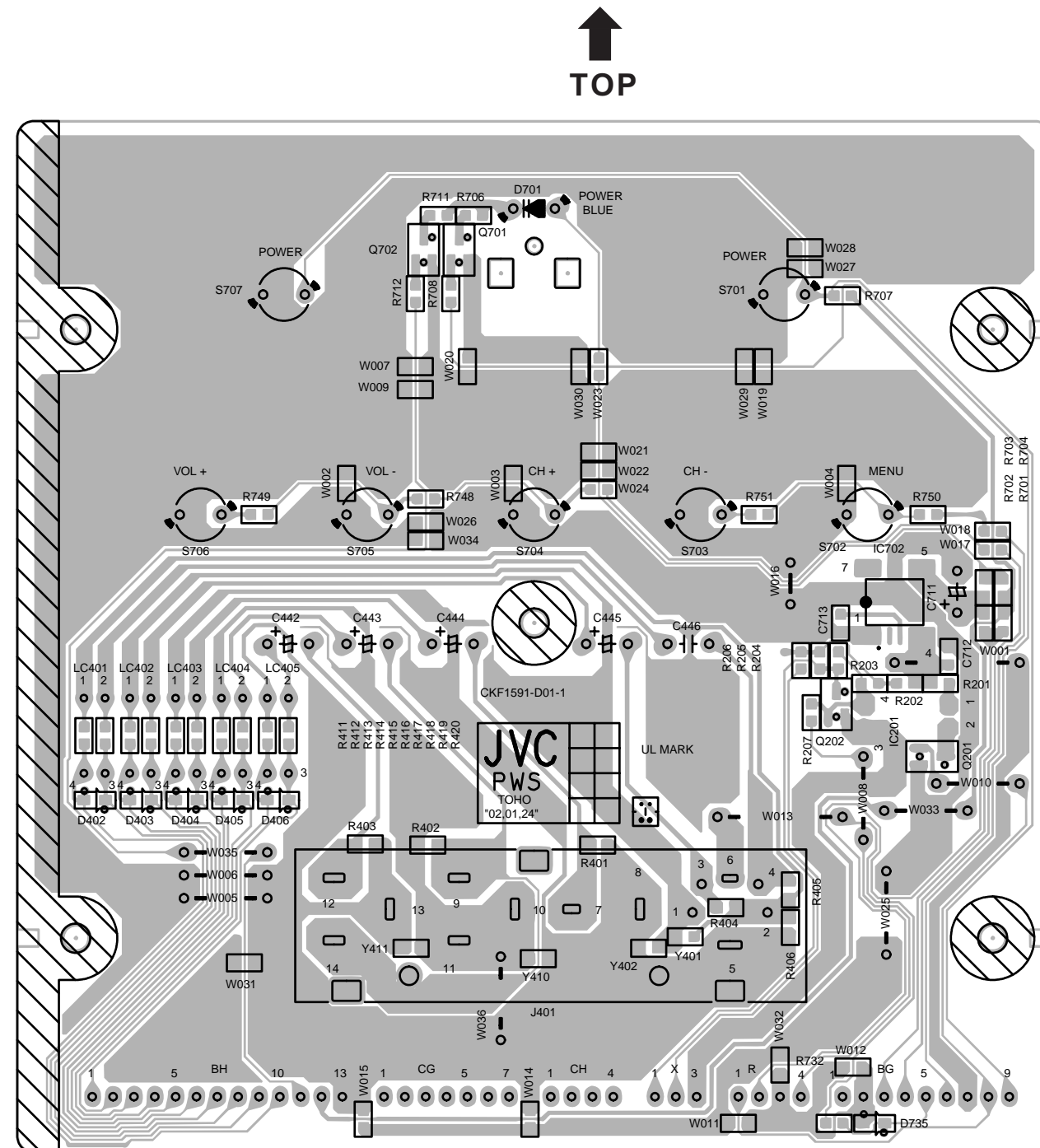
DEF OSC PWB PATTERN



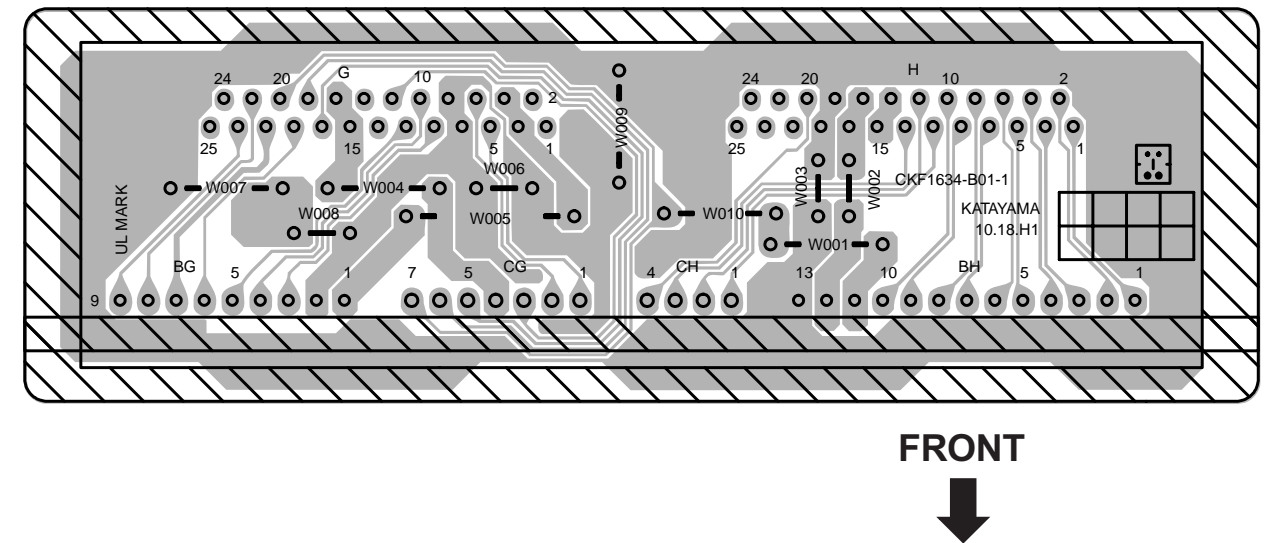
TOP



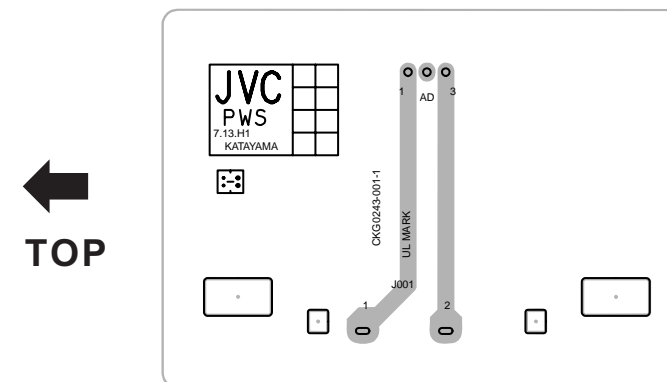
FRONT CONTROL PWB PATTERN



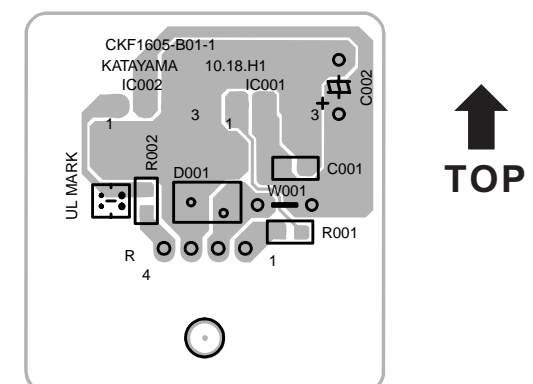
FRONT I/F PWB PATTERN



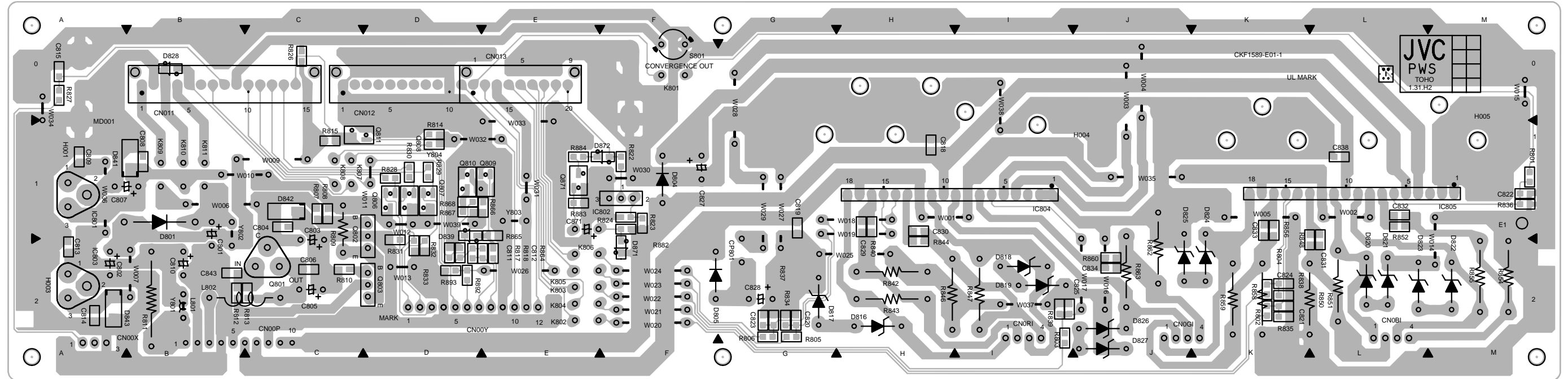
CENTER SPEAKER PWB PATTERN



REMOCON SENSOR PWB PATTERN



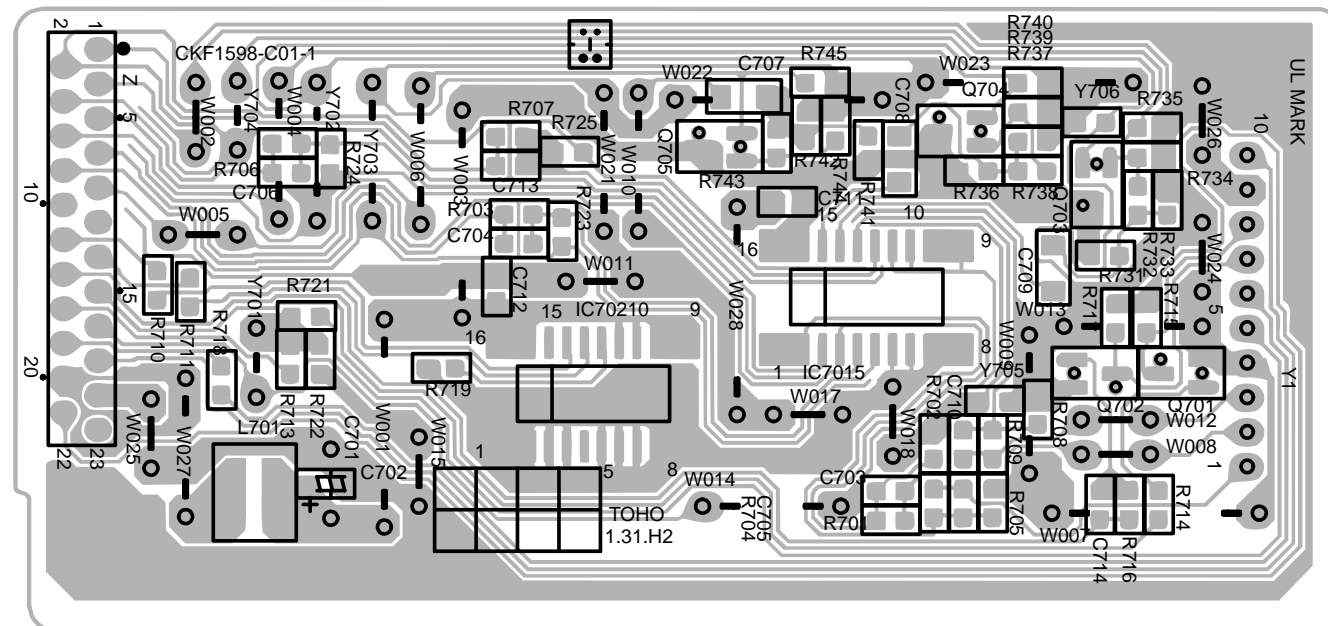
CONVERGENCE PWB PATTERN



FRONT



CONVERGENCE OSD PWB PATTERN



TOP



JVC SERVICE & ENGINEERING COMPANY OF AMERICA

.DIVISION OF JVC AMERICAS CORP

Head office	:	1700 Valley Road, Wayne, New Jersey 07470	(973)315-5000
East Coast	:	10 New Maple Avenue, Pine Brook, New Jersey 07058	(973)396-1000
Midwest	:	705 Enterprise St. Aurora, Illinois 60504	(630)851-7855
West Coast	:	5665 Corporate Avenue, Cypress, California 90630	(714)229-8011
Southwest	:	10700 Hammerly, Suite 105, Houston, Texas 77043	(713)935-9331
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