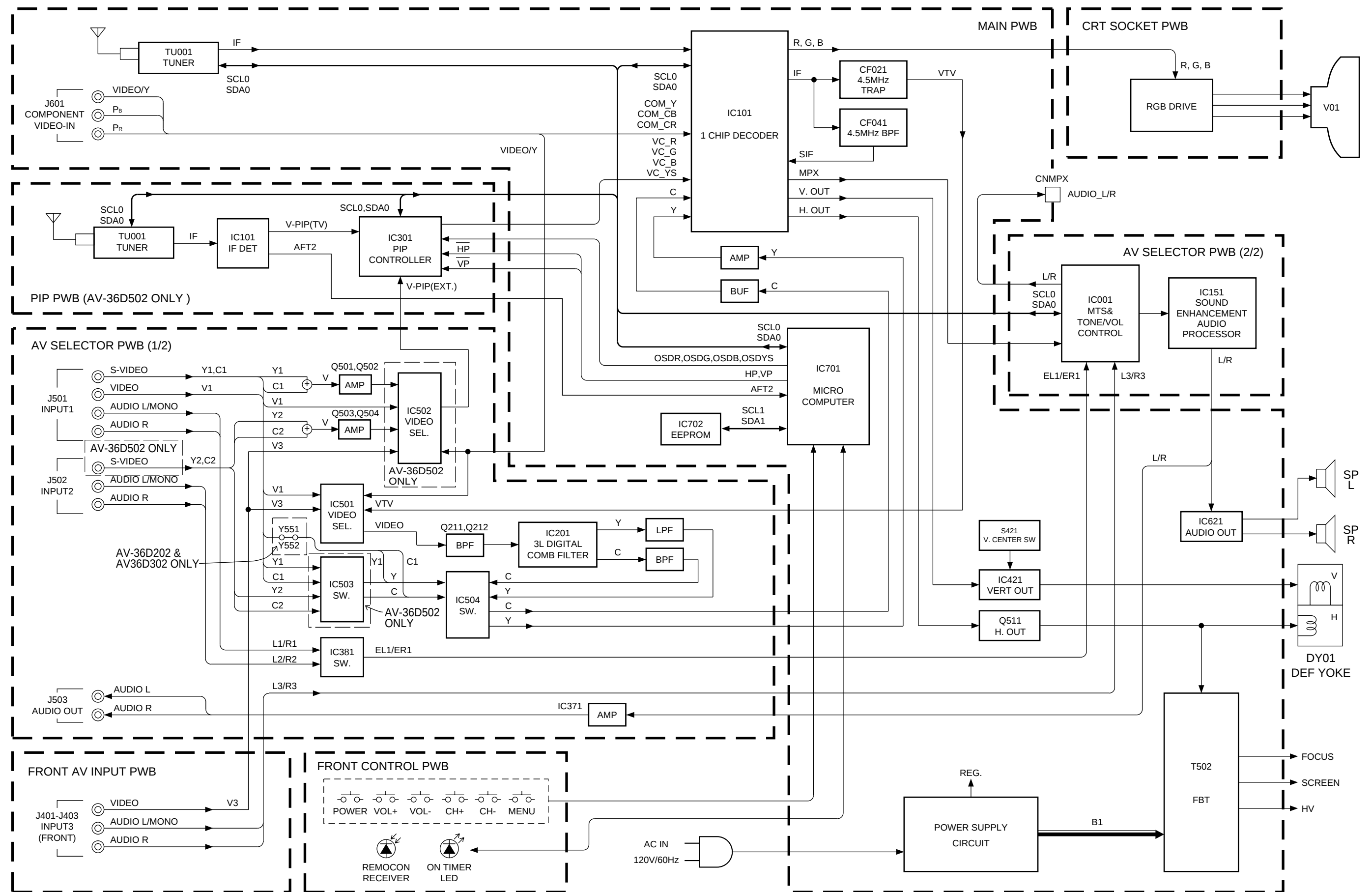


AV-36D202
AV-36D302
AV-36D502

AV-36D202
AV-36D302
AV-36D502

BLOCK DIAGRAM



No.51798C

2-3

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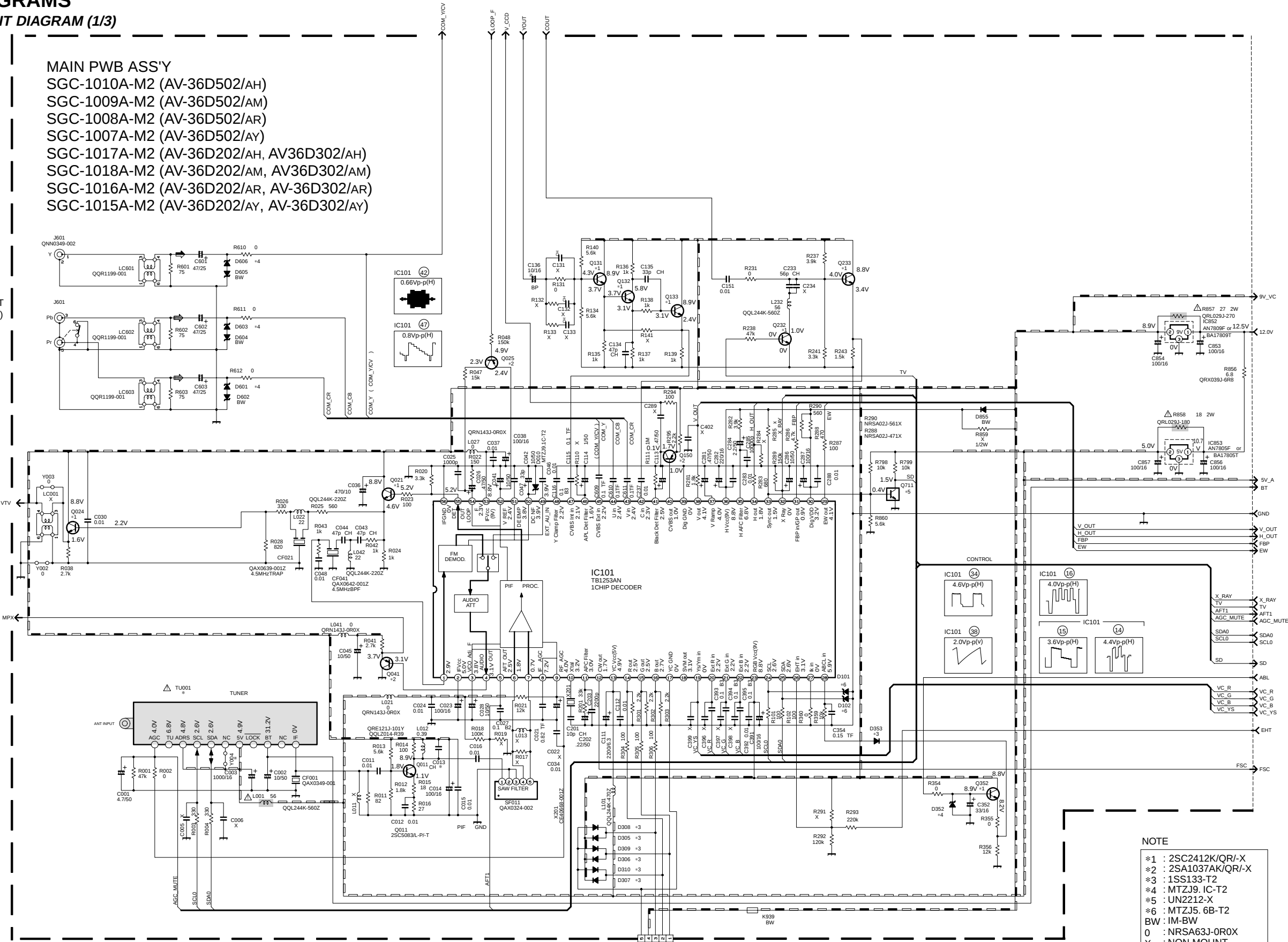
No.51798C

CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/3)

MAIN PWB ASS'Y

- SGC-1010A-M2 (AV-36D502/AH)
- SGC-1009A-M2 (AV-36D502/AM)
- SGC-1008A-M2 (AV-36D502/AR)
- SGC-1007A-M2 (AV-36D502/AY)
- SGC-1017A-M2 (AV-36D202/AH, AV36D302/AH)
- SGC-1018A-M2 (AV-36D202/AM, AV36D302/AM)
- SGC-1016A-M2 (AV-36D202/AR, AV-36D302/AR)
- SGC-1015A-M2 (AV-36D202/AY, AV-36D302/AY)



*DIFFERENCE LIST(*PARTS)

	SGC-1007A-M2	SGC-1008A-M2	SGC-1009A-M2	SGC-1010A-M2	SGC-1015A-M2	SGC-1016A-M2	SGC-1017A-M2	SGC-1018A-M2
C013	150p	150p	150p	150p	X	X	X	X
Y004	0	0	0	0	X	X	X	X
ΔTU001	QAU247-1	QAU247-1	QAU247-1	QAU247-1	QAU176-1	QAU176-1	QAU176-1	QAU176-1

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2-5

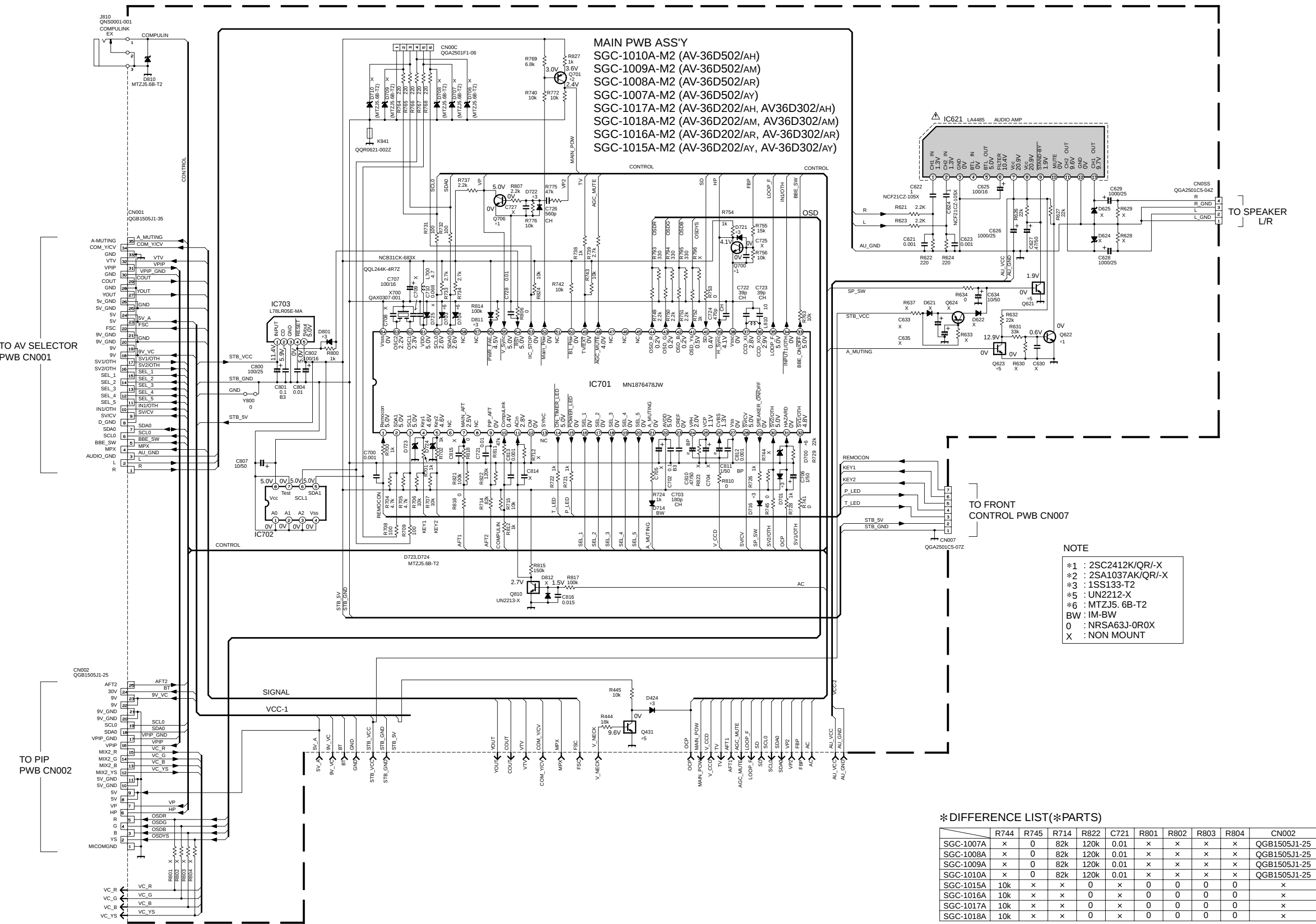
2-6

No.51798C

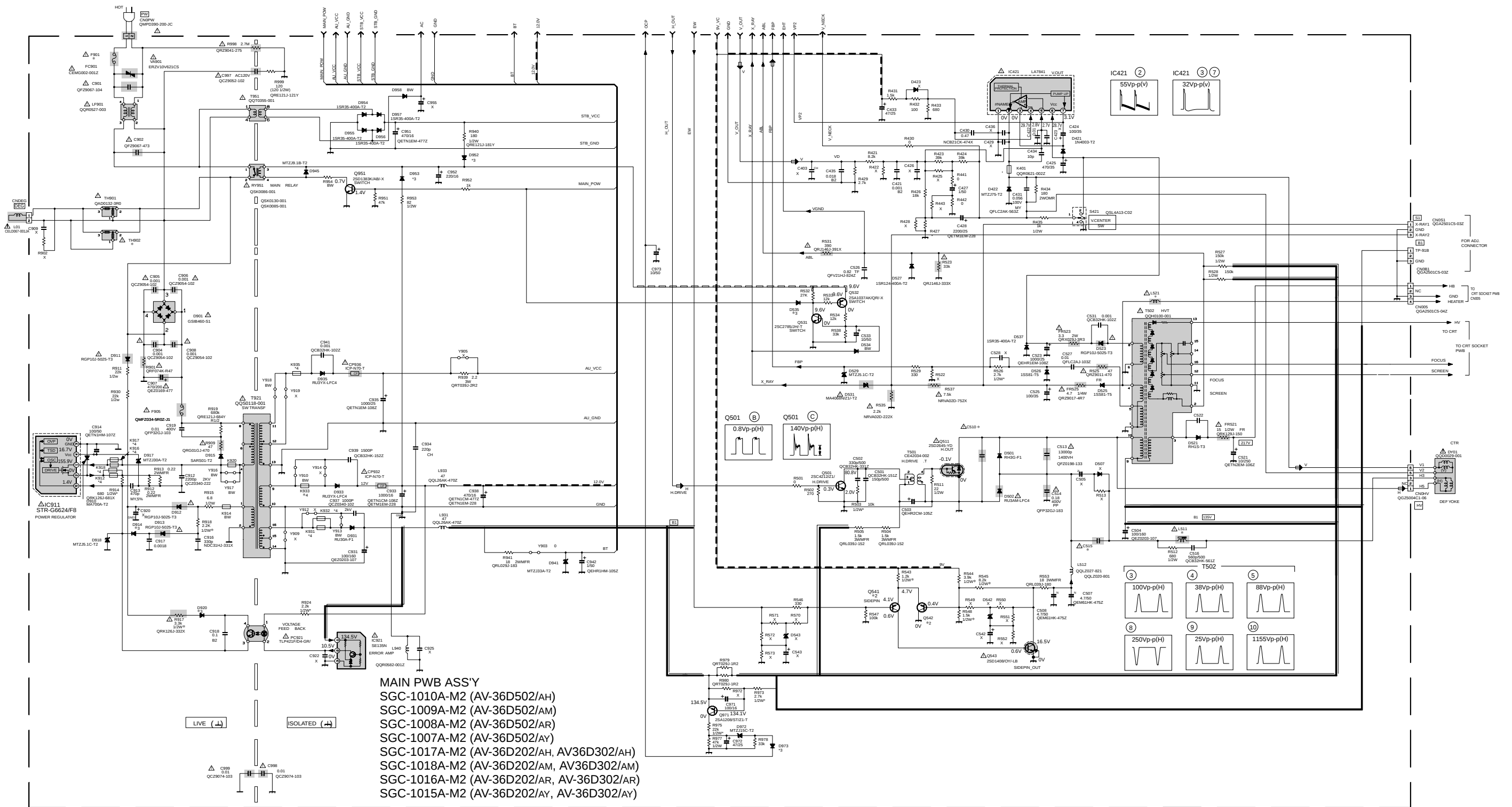
AV-36D202
AV-36D302
AV-36D502

AV-36D202
AV-36D302
AV-36D502

MAIN PWB CIRCUIT DIAGRAM (2/3)



MAIN PWB CIRCUIT DIAGRAM (3/3)



*DIFFERENCE LIST(*PARTS)

	SGC-100TA	SGC-1015A	SGC-1008A	SGC-1016A	SGC-1010A	SGC-1017A	SGC-1009A	SGC-1018A
ΔL521	QQLZ018-600	QQLZ018-600	QQLZ018-560	QQLZ018-560	QQLZ018-560	QQLZ018-560	QQLZ026-540	QQLZ026-540
ΔL511	CE41029-00A	CE41029-00A	QQR1027-3	QQR1027-3	QQR1027-3	QQR1027-3	CE41029-00A	CE41029-00A
ΔC510	QFZ0196-532	QFZ0196-532	QFZ0196-532	QFZ0196-532	QFZ0196-532	QFZ0196-532	QFZ0196-582	QFZ0196-582
ΔC515	QFZ0197-564	QFZ0197-564	QFZ0197-624	QFZ0197-624	QFZ0197-564	QFZ0197-564	QFZ0197-654	QFZ0197-654
ΔTH902	X	X	X	X	X	X	QAD0132-3R0	QAD0132-3R0
R504	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-821	QRL039J-821
R505	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-102	QRL039J-821	QRL039J-821
R427	QRT029J-1R5	QRT029J-1R5	QRT029J-1R5	QRT029J-1R5	QRT029J-1R0	QRT029J-1R0	QRT029J-1R0	QRT029J-1R0
ΔF901	QMF51U1-5R0-J8	QMF51U1-5R0-J8	QMF51U1-5R0-J8	QMF51U1-5R0-J8	QMF51U1-5R0-J8	QMF51U1-5R0-J8	QMF51N1-5R0-J5	QMF51N1-5R0-J5

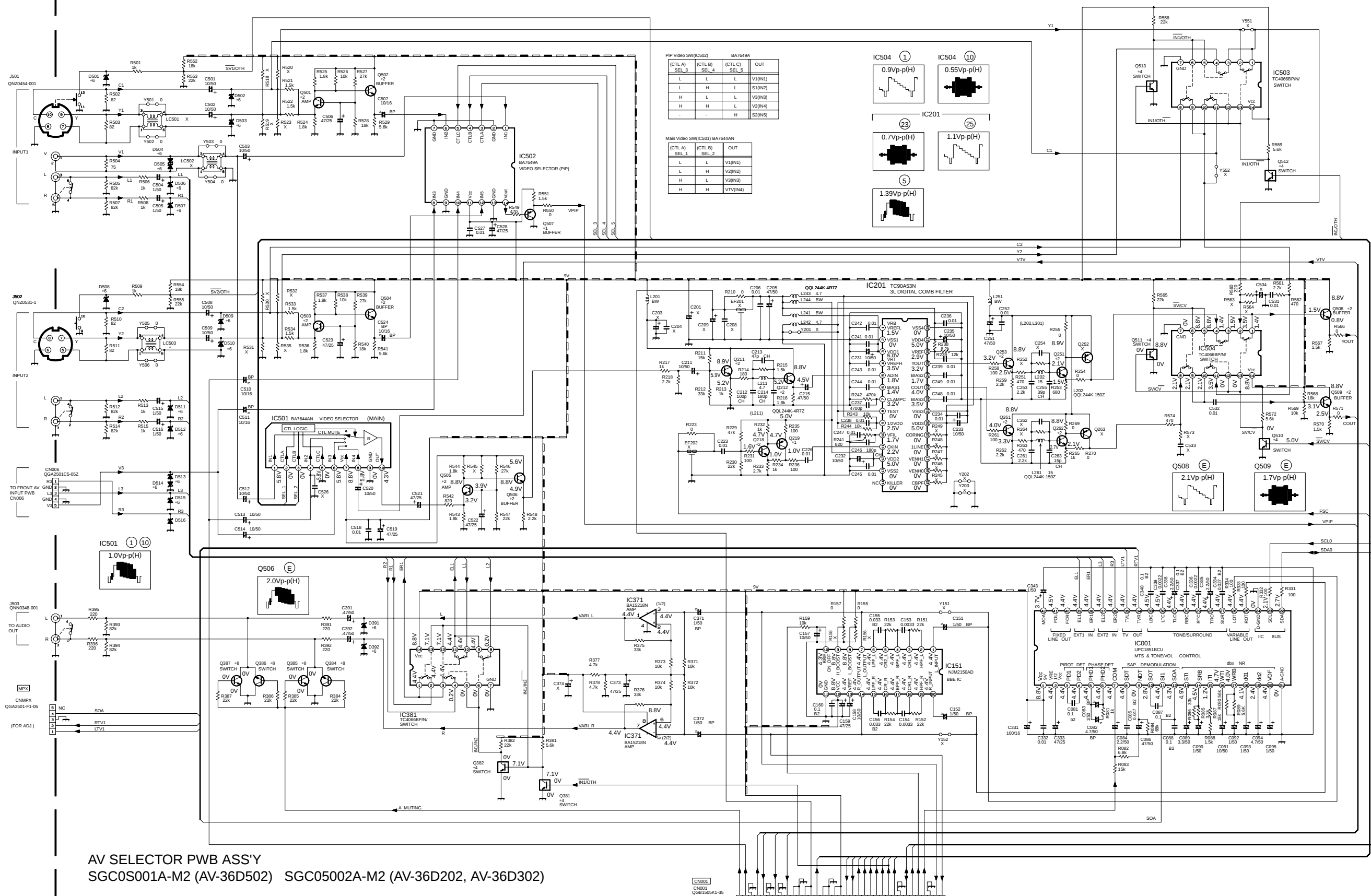
NOTE

BW : IM-BW
0 : NRSA63J-0R0X
X : NON MOUNT
*2 : 2SA1037AK/QR-X
*3 : 1SS133-T2
*4 : QQR0582-001Z

AV-36D202
AV-36D302
AV-36D502

AV-36D202
AV-36D302
AV-36D502

AV SELECTOR CIRCUIT DIAGRAM



*DIFFERENCE LIST(*PARTS)

IC502	C527	C528	R543	Q507	R550	R551	IC510	C511	R518	R519	R520	R521	R522	R523	R524	R525	R526	R527	R528
SGC05001A	BA7649A	0.05	4725	470	F3	0	1.5k	1015	X	X	X	1.5k	1.5k	1.5k	1.5k	1.5k	1.5k	27k	15k
SGC05002A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC503	Q503	C523	C524	C525	R526	R527	R528	R529	R530	R531	R532	R533	R534	R535	R536	R537	R538	R539	R540
SGC05001A	BA7649A	0.05	4725	470	F3	0	1.5k	1015	X	X	X	1.5k	1.5k	1.5k	1.5k	1.5k	1.5k	27k	15k
SGC05002A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Q508	Y505	Y506	C508	C509	D509	D510	C512	C513	C514	Q502	Q503	Q504	Q505	Q506	Q507	Q508	Q509	Q510	Q511
SGC05001A	BA7649A	0.05	4725	470	F3	0	1.5k	1015	X	X	X	X	X	X	X	X	X	X	X
SGC05002A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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2-12

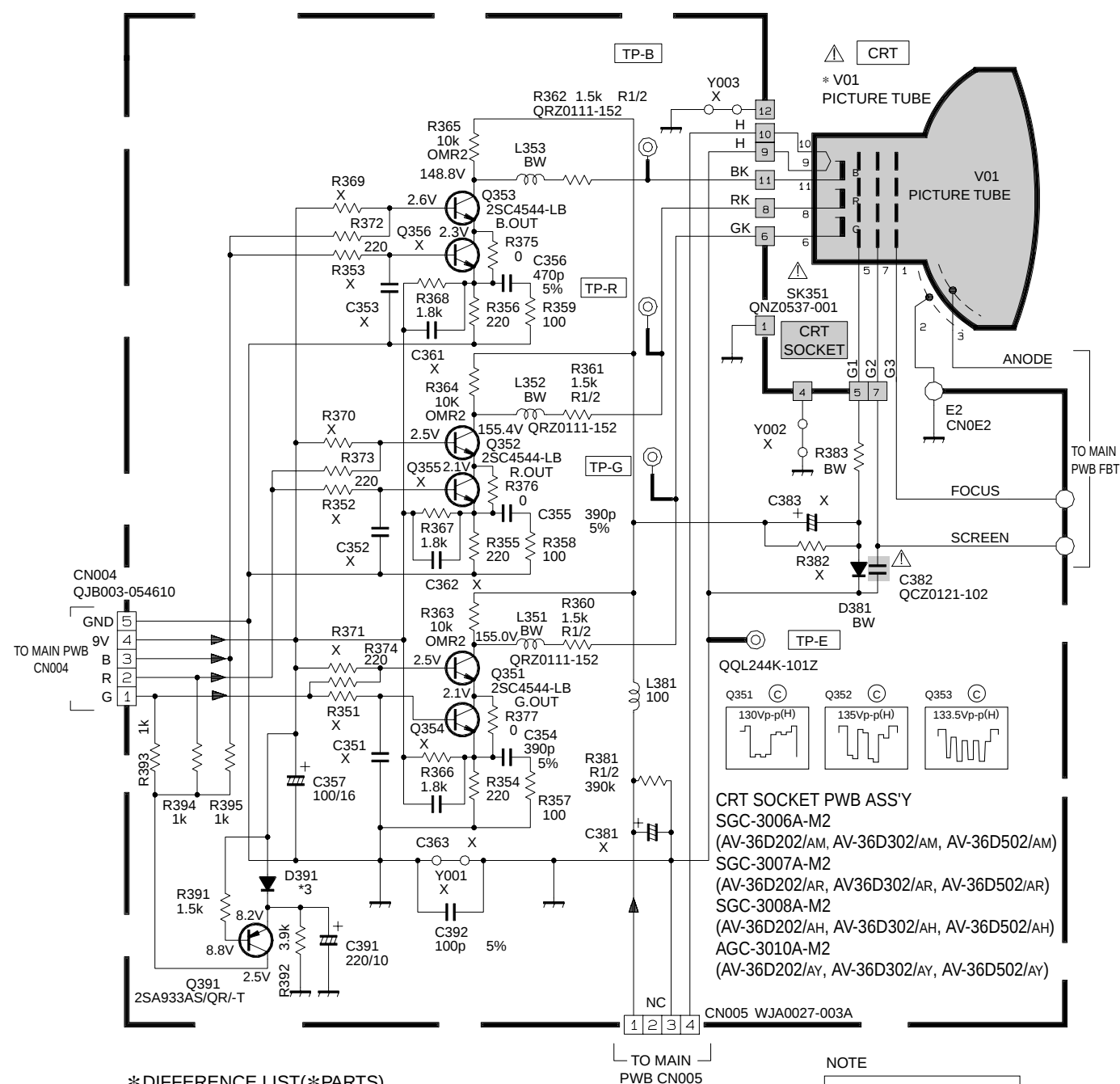
No.51798C

NOTE
*1 : 2SA1037AK/QR-X
*2 : 2SC2412K/QR-X
*3 : UN2212-X
*4 : UN2212-X
*5 : DTC323TK-X
*6 : IM-BW
*7 : NRS463J-OROX
*8 : NON MOUNT

[illegible]

```
*1 : 2SA1037AK/QR/-X
*2 : 2SC2412K/QR/-X
*5 : 1SS133-T2
BW : IM-BW
0 : NRSA63J-0R0X
X : NON MOUNT
```

CRT SOCKET PWB CIRCUIT DIAGRAM



*DIFFERENCE LIST(*PARTS)

	SGC-3006A	SGC-3007A	SGC-3008A	SGC-3010A
V01	A90LLD361X15	A90AEJ15X01	A90LPY30X04	A90AHH50X10/V/
Y002	X	X	X	BW

FRONT CONTROL AND FRONT AV INPUT PWB CIRCUIT DIAGRAMS

FRONT CONTROL PWB ASS'Y
SGC-8501A-M2

TO AV SELECTOR PWB CN006

V3
V3_GND
L3
A_GND
R3

CN006
QJB003-054010

6

FRONT AV INPUT PWB ASS'Y
SGC-8601A-M2

C401 BW
C402 1/50
C403 1/50

R401 75
R402 220k
R403 220k

LC401 QQR1199-001

Y401
Y402

V
L
R

J401 QNN0281-003
J402 QNN0281-002
J403 QNN0282-001

INPUT3 (FRONT)

X : NON MOUNT

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
		B			15		
II	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		
IV	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					
	HYPER	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.	
×	○	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 } 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.					

CHANNEL CHART (CA)

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	
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
×	○	SUPER	J	23	III
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
		HYPER	P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		ULTRA	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	
			W+29	65	
			W+30	66	IV
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	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	II
			A-2	98	
			A-1	99	
○	×	UHF	14 } 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.					