

General Information

1993
Chassis: MX II
Also Covers:
JVC AV-28S1 EK
CRT: A59ECF10X05
A66ECF30X05
Remote Control:
RM-C873-E
Side Door: CM12388-A02-E
Latch Door: CM47638-00A
Main Power Button:
CM35812-001
Sub Button: CM35813-001
Battery Cover:
103RRC-027-01UR

Matrix

Item	See Model
Safety Notes	JVC AV-21H1 EK
Service Adjustments	JVC AV-25GS1 EK
E2PROM Install Notes	JVC AV-25GS1 EK
CRT Base Diagram	JVC AV-25GS1 EK
PIF Diagram	JVC AV-25GS1 EK
Remote Control Diagram	JVC AV-25GS1 EK
Text Diagram	JVC AV-25GS1 EK
VNR & RGB Diagram	JVC AV-25GS1 EK

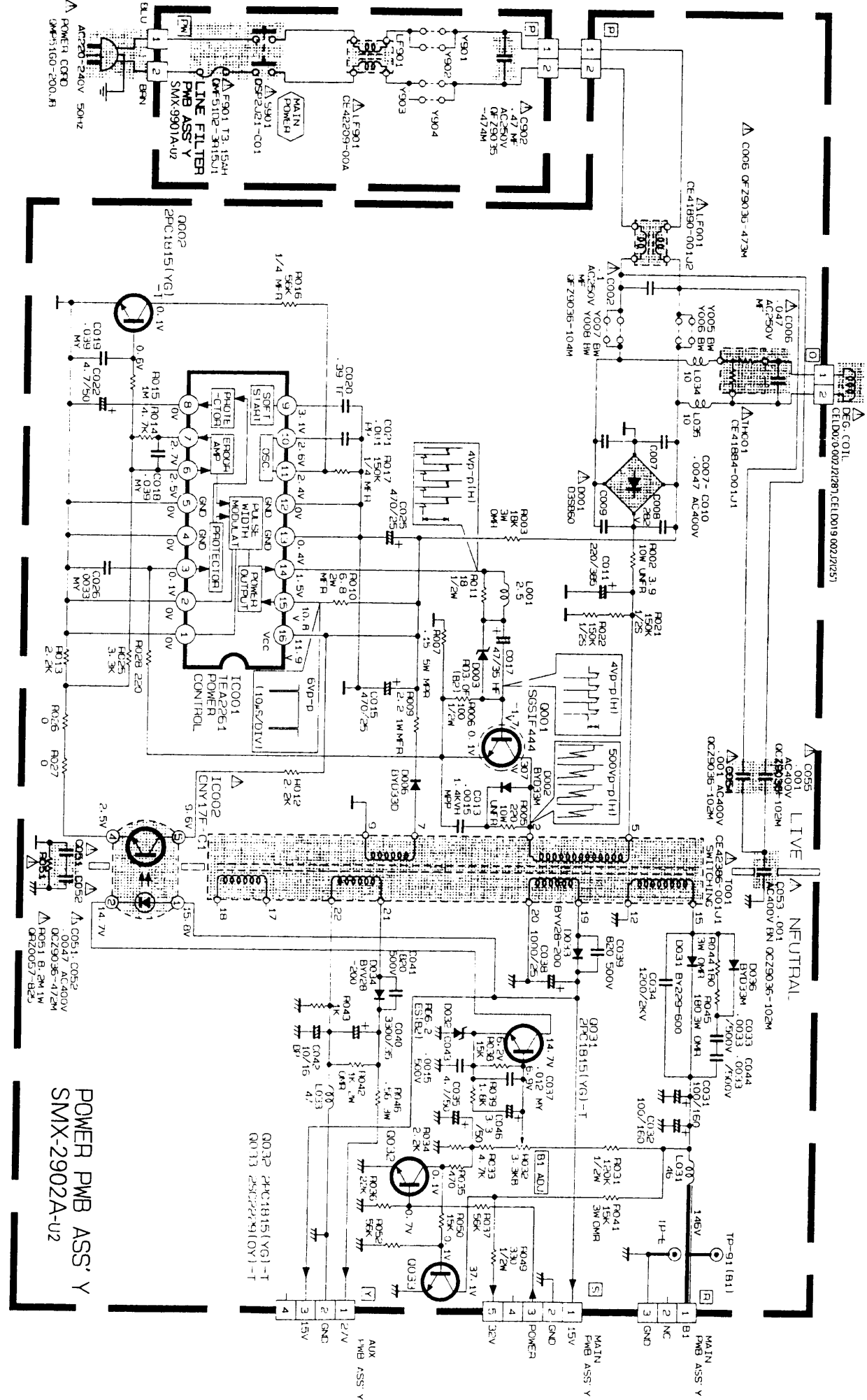
Specifications

TV RF System: CCIR (1)
Colour System: PAL/NTSC (only in EXT mode)
Teletext System: FLOF (UK system),
TOP (W. German system)
Stereo System: NICAM
Receiving Channel & Frequency:
UHF: E21 - E69, 470 MHz - 826 MHz
Intermediate Frequency: VIF Carrier: 39.5 MHz,
SIF Carrier: 33.5 MHz
Colour Sub Carrier Frequency:
PAL: 4.43 MHz
NTSC: 3.58 MHz/4.43 MHz
Aerial Input Terminal: 75 W unbalanced, Coaxial
Power Input: AC 220 240v, 50 Hz
Power Consumption: 25": 160W (max),
115W (avg), 6.5W (standby)
28": 160W (max),
125W (avg), 6.5W (standby)
Picture Tube: 25": (visible size: 59cm)
diagonally measured.
28": (visible size: 66cm)
diagonally measured
25"/28": FST (flat square tube)
Viewable Picture Size: 25": 48cm (W) x 36cm (H)
28": 54cm (W) x 41cm (H)
High Voltage: 25": 28kV ± 1kV
(zero beam current)
28": 28kV ± 1kV
(zero beam current)
Focus Voltage: 25": approx. 8.7kV
28": approx. 8.7kV
Speaker: 10cm round type, 8 W x 2
Audio Output: Music Power: 10W + 10W
Audio Power: 5W + 5W
Remote Control Unit: RM-C873

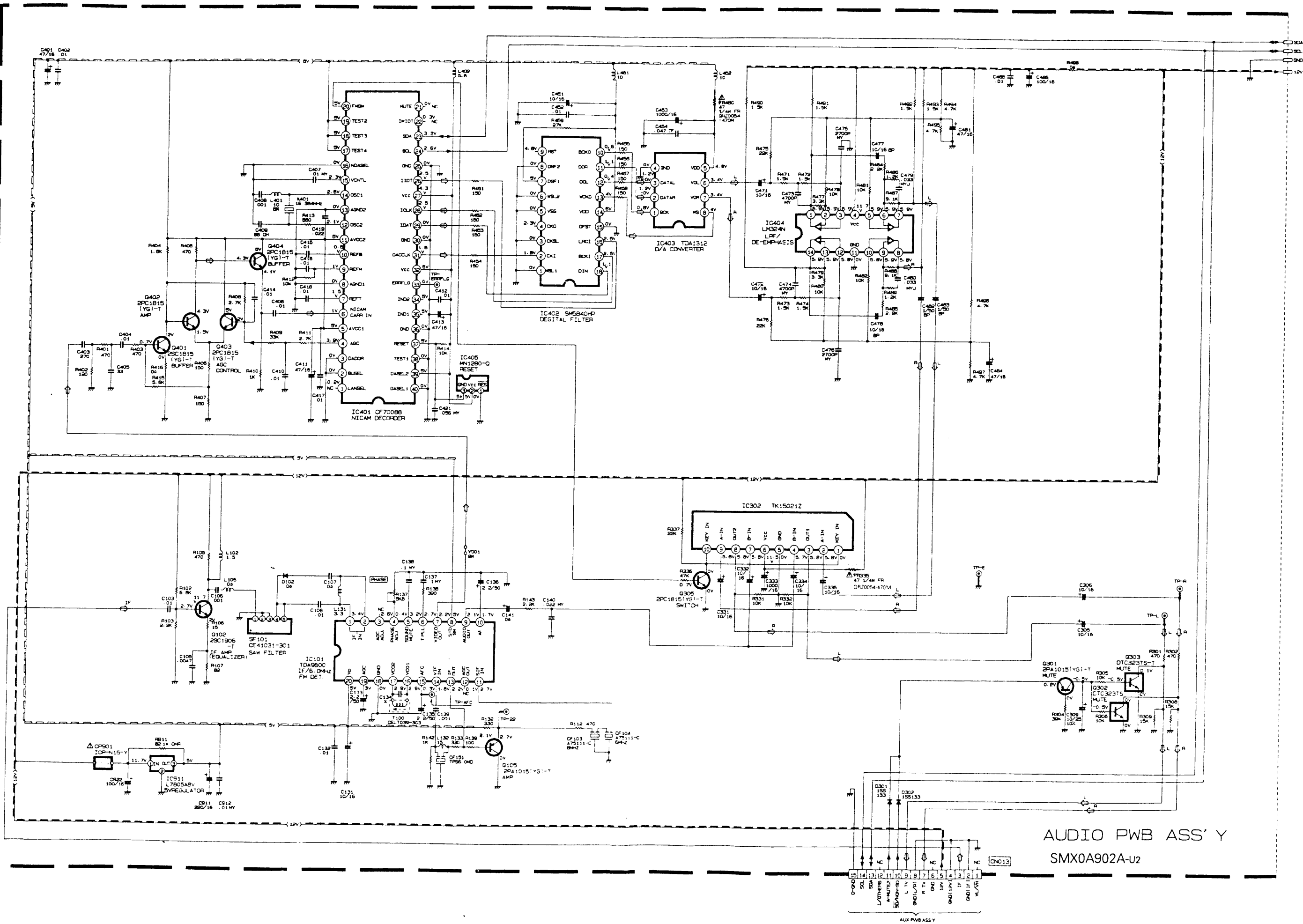
Recommended Safety Parts

Item	Part No.	Description
	CE41603-001J1	CRT Socket
1	A59ECF10X05	Picture Tube V01 (AV - 25S1EK)
1	A66ECF30X05	Picture Tube V01 (AV - 28S1EK)
2	CELD019-002J2	Degaussing Coil (AV - 25S1EK)
2	CELD020-002J2	Degaussing Coil (AV - 28S1EK)
6	CE42295-00AJ1	HVT (Service)
8	QMP51G0-200JB	Power Cord
C1522	QFZ0117-1001S	MPP CAP. 1000µ F 2000V ± 2.5%
C1523	QFZ0112-1382S	MPP CAP. 13800 µ F 2000V ± 3%
C1524	QFLC2AJ-104MZ	M CAP. 0.1 µ F 100V J
C2002	QFZ9036-104M	MF CAP. 0.1 µ F AC 250V M
C2006	QFZ9036-473M	MF CAP. 0.047 µ F AC 250V M
C2051, C2052	QCZ9036-472M	C CAP. 4700 p F AC 125V M
C2053, C2054,		
C2055	QCZ9036-102M	C CAP. 1000 p F AC 125V K
C9902	QFZ9035-474M	MM CAP. 0.47 µ F AC 250V M
CP901	ICP-NI5-Y	I. C. Protect
D2001	D3SB60	Bridge Diode
F9901	QMF51D2-3R15J1	Fuse T3.15AH
FR1466	QRZ0054- 820M	F R 82 Ω 1/4W J
FR1541	QRH017J-100M	F R 10 Ω 1W J
FR1542	QRH027J-1R8M	F R 1.8 Ω 2W J
FR1543,		
FR1544	QRH027J-1R0M	F R 1 Ω 2W J
FR1545	QRH017J-1R0M	F R 1 Ω 1W J
FR1547	QRZ0054-220M	F R 22 Ω 1/4W J
FR1560	QRZ0054-4R7M	F R 4.7 Ω 1/4W J
FR1743, FR711	QRZ0054-120M	F R 12 Ω 1/4W J
FR335, FR460,		
FR615, FR653,		
FR719	QRZ0054-470M	F R 46 Ω 1/4W J
FR414	QRZ0054-100M	F R 10 Ω 1/4W J
IC2002	CNY17F-C1	I. C. (Photocoupler)
LF2001	CE41890-001J2	Line Filter
LF9901	CE42209-00A	Line Filter
Q1521	BU508AFI	SI Transistor
R2051	QRZ0057-825	C R 8.2M Ω 1W J
S9901	QSP2J21-C02	Push Switch Main Power
T1541	CE42295-001J1	H V Module
T2001	CE42386-001J1	S. M. Transf
TH2001	CE41884-001J1	W - P Thermistor

Power Supply Diagram



Audio Diagram

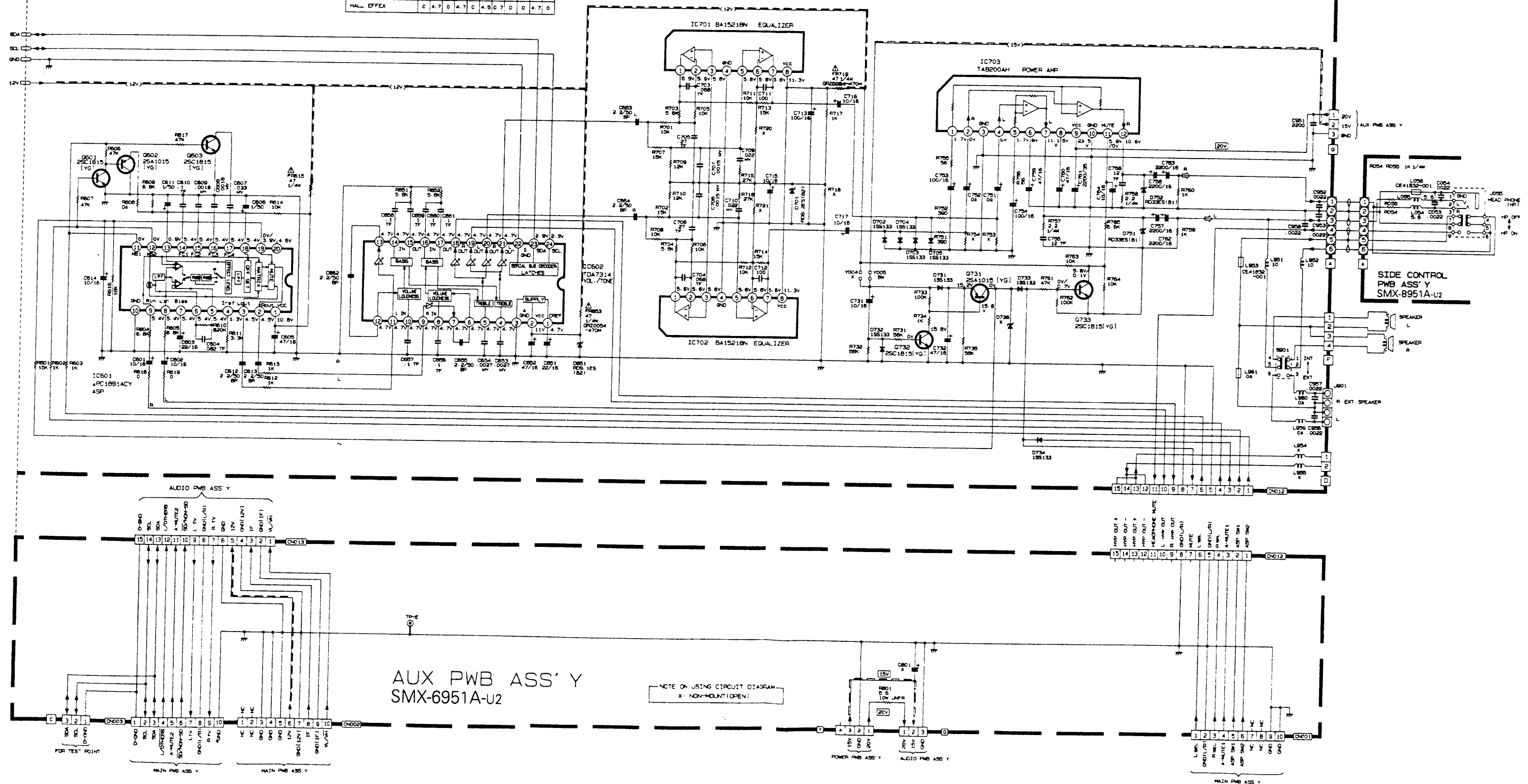


Audio Aux Diagram

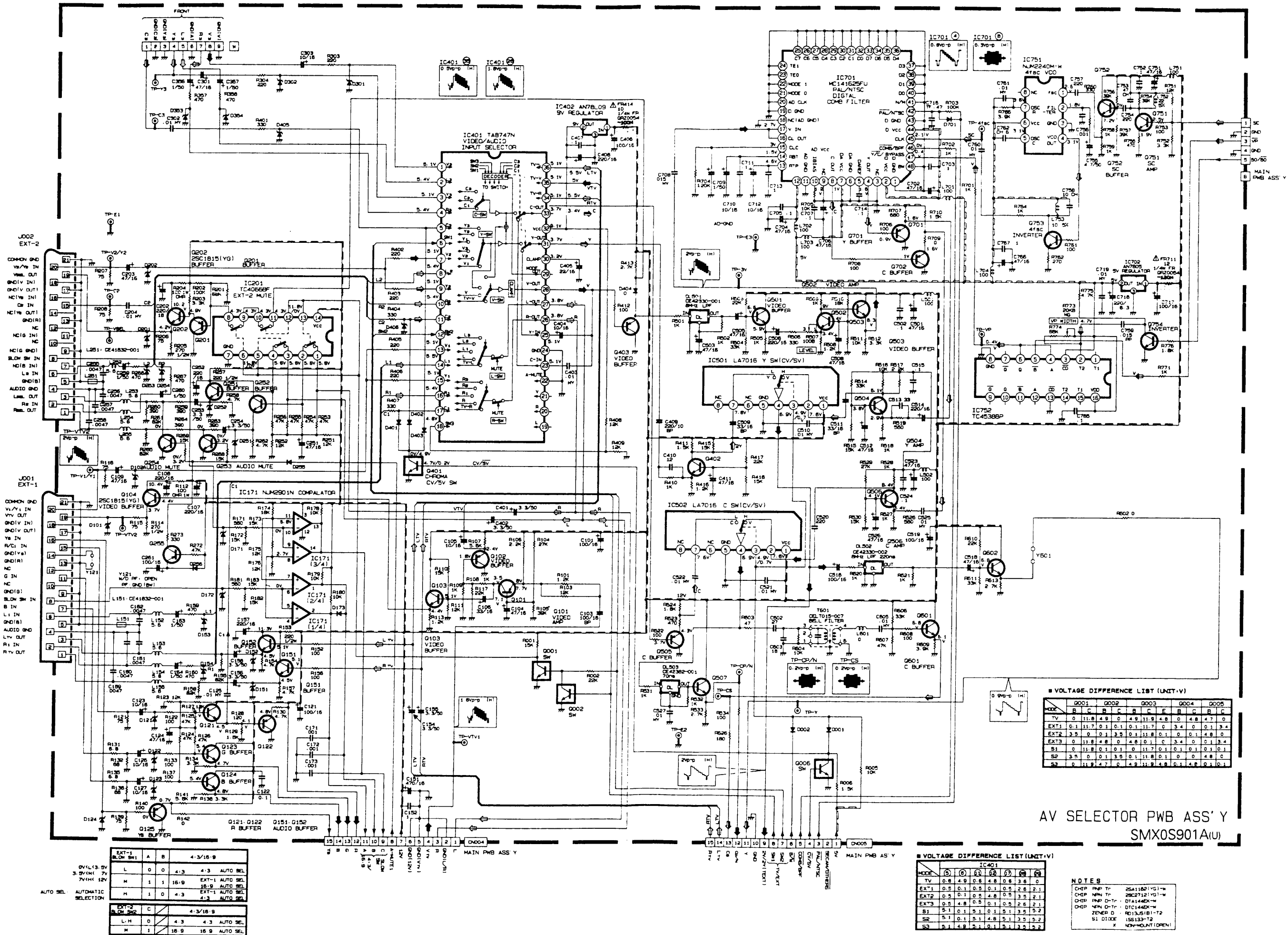
AUDIO PWB ASS'Y
SMX0A902A-U2

DIFFERENT VOLTAGE LIST (ASPI UNIT V)												
	0601			0602			0603			10601		
	B	C	E	B	C	E	B	C	E	0	1	
Receiving Monoaural Broadcasts												
SURROUND OFF	0	0.3	0	0.3	0	1	0	0	0	0	0	
LIVE EFFECT	0	7	0	0	0	0	7	0	0	0	4	
STEREO EFFECT	0	7	0	0	0	0	7	0	7	0	4.6	

Receiving Stereo Broadcasts												
	0601			0602			0603			10601		
	B	C	E	B	C	E	B	C	E	0	1	
SURROUND OFF	0	0.3	0	0.3	0	1	0	0.4	0	0	0	
LIVE EFFECT	0	7	0	0	0	0	7	0	0	0	4	
HALL EFFECT	0	4.7	0	4.7	0	4.5	0	7	0	0	4.7	



AV Select Diagram



VOLTAGE DIFFERENCE LIST (UNIT:V)

NO.	0001	0002	0003	0004	0005
TV	0.11.8	4.8	0.49	11.8	4.8
EXT1	0.1	11.7	0.1	0.1	11.7
EXT2	3.5	0	0.1	3.5	0.1
EXT3	0.11.8	4.8	0.49	11.8	4.8
S1	0	11.8	0.1	0	11.7
S2	3.5	0	0.1	3.5	0.1
S3	0	11.8	4.7	0.49	11.8

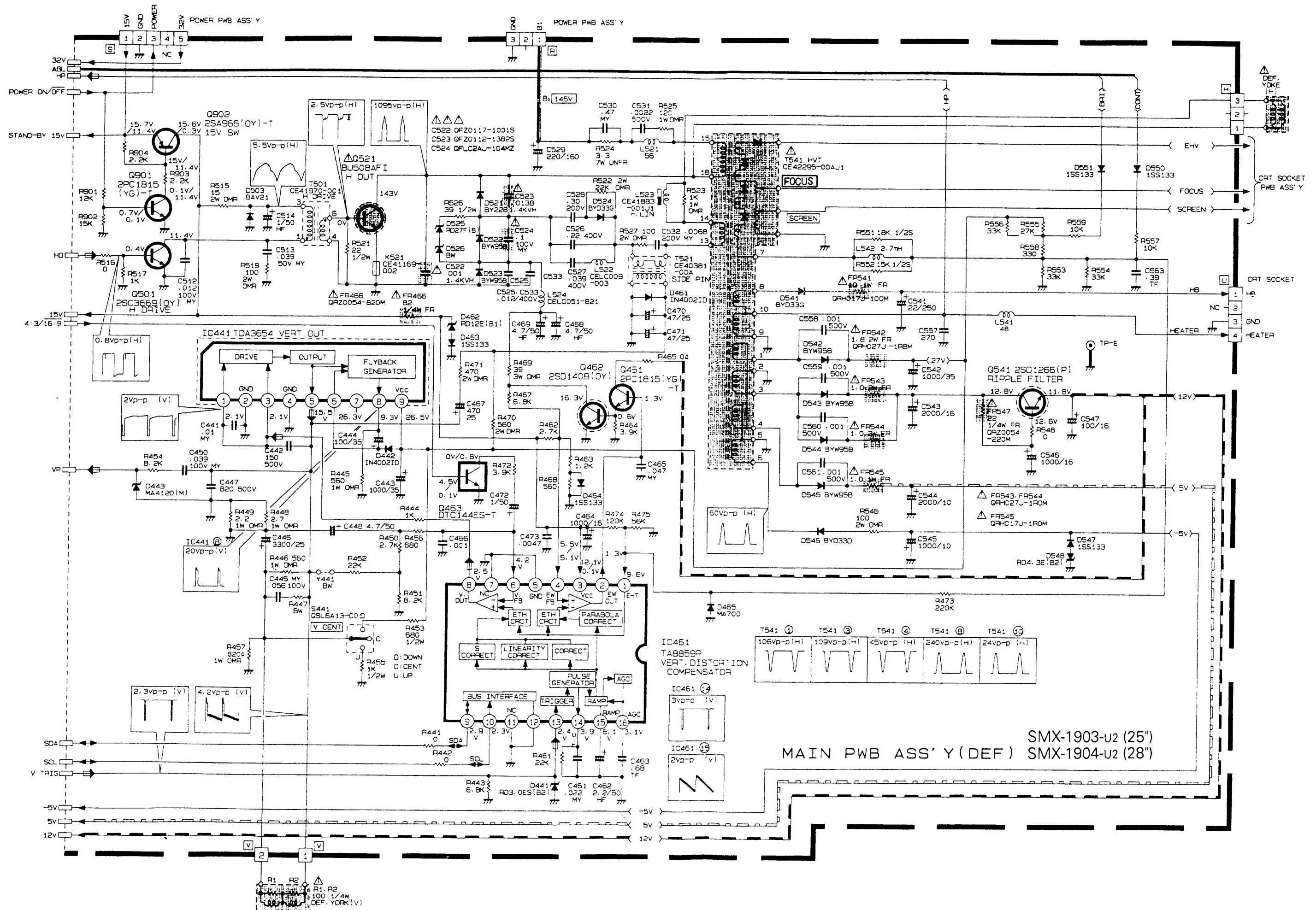
AV SELECTOR PWB ASS'Y
SMX0S901A(U)

VOLTAGE DIFFERENCE LIST (UNIT:V)

NO.	0	1	2	3	4	5	6	7	8	9
TV	0.8	4.9	0.5	4.8	0.6	3.6	0			
EXT1	0.5	0.1	0.5	0.1	0.5	2.6	2.1			
EXT2	0.5	0.1	0.5	4.8	0.5	3.5	2.1			
EXT3	0.5	4.8	0.5	0.1	0.5	2.6	2.1			
S1	5.1	0.1	3.1	0.1	3.1	3.5	3.2			
S2	5.1	0.1	3.1	4.8	3.1	3.5	3.2			
S3	3.1	4.8	3.1	0.1	3.1	3.5	3.2			

NOTES
CHIP RND Tr: 25A11621(VG)-W
CHIP RND Tr: 25C2121(VG)-W
CHIP RND Tr: 01A144EX-W
CHIP RND Tr: 01C144EX-W
ZENER D: R013J5(B)-T2
SI DIODE: 155133-T2
NEW MOUNT (OPEN)

Main Def Diagram



Main Signal Diagram

