

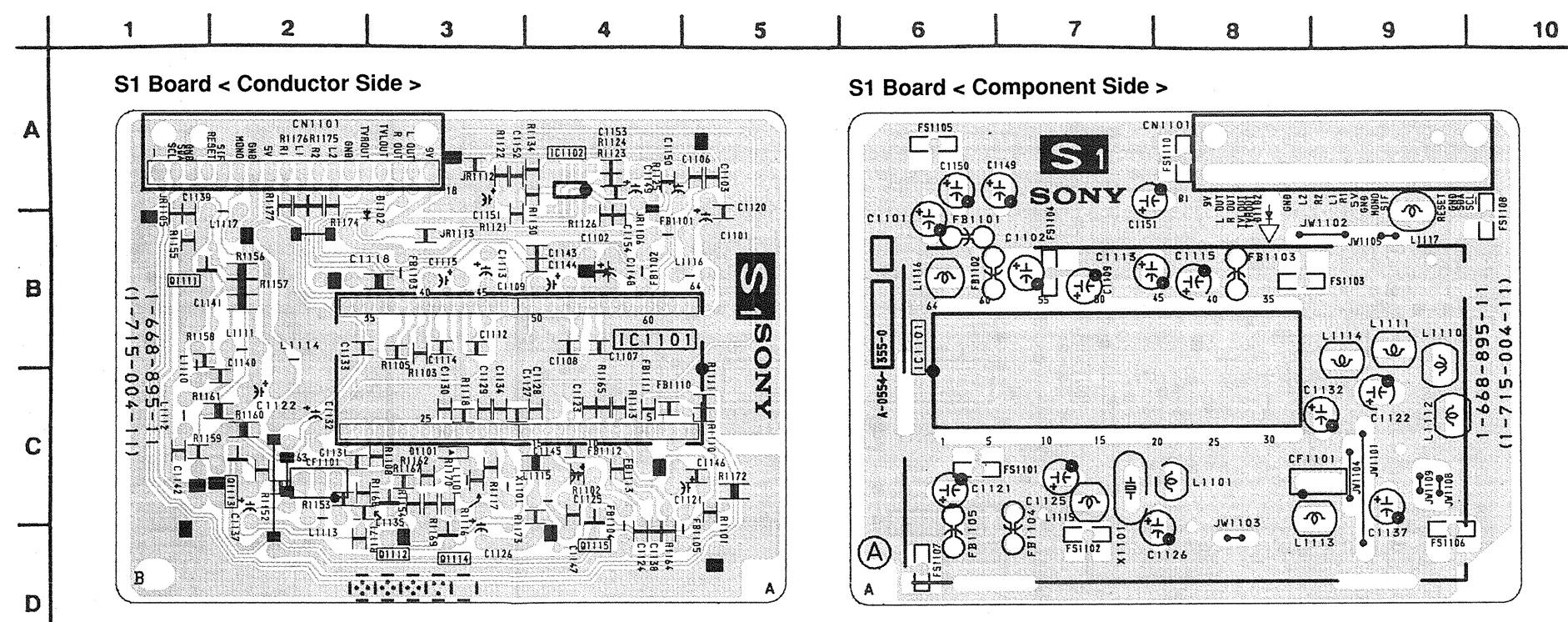
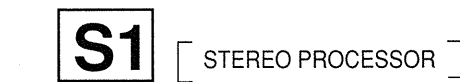
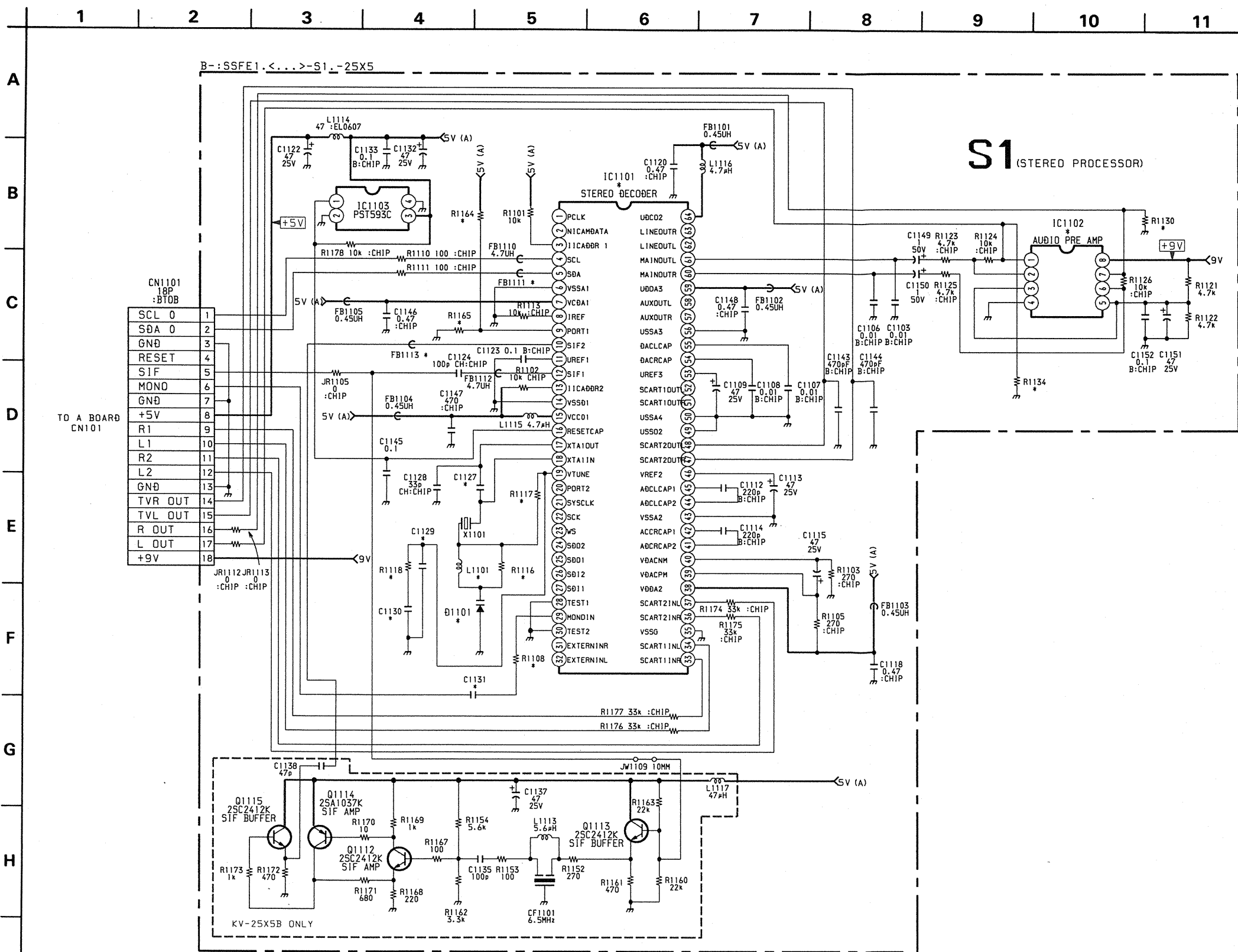
SERVICE MANUAL

FE-1 CHASSIS

<i>MODEL</i>	<i>COMMANDER</i>	<i>DEST</i>	<i>CHASSIS NO.</i>	<i>MODEL</i>	<i>COMMANDER</i>	<i>DEST</i>	<i>CHASSIS NO.</i>
KV-25X5A	RM-883	Italian	SCC-Q06E-A	KV-25X5K	RM-883	OIRT	SCC-Q03E-A
KV-25X5B	RM-883	French	SCC-Q02E-A	KV-25X5L	RM-883	Irish	SCC-Q07B-A
KV-25X5D	RM-883	AEP	SCC-Q04E-A	KV-25X5R	RM-883	OIRT	SCC-Q03F-A
KV-25X5E	RM-883	Spanish	SCC-Q05E-A	KV-25X5U	RM-883	UK	SCC-Q01D-A



TRINITRON® COLOR TV
SONY®



S1 BOARD IC VOLTAGE TABLE

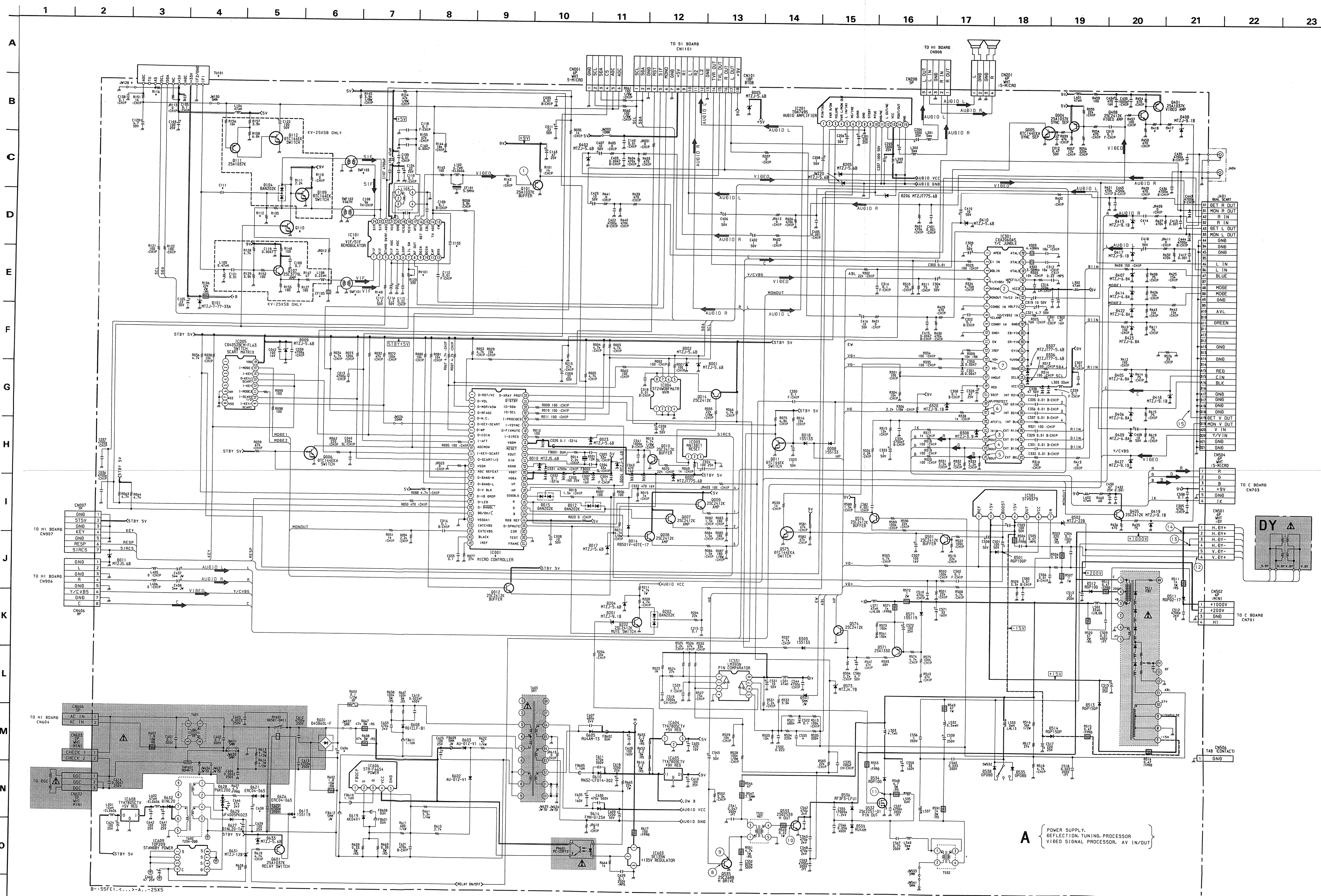
IC Voltage Table		
Ref No	Pin No	Voltage (V)
IC1101	4	3.4
	5	3.2
	7	4.8
	8	2.3
	9	4.8
	10 - 12	2.3
	13	4.8
	15	4.8
	16	4.8
	17	2.6
	18	3.5
	19	4.0
	33 - 34	2.4
	36 - 37	2.4
	38 - 39	4.8
	41 - 42	2.4
	44 - 48	2.4
	53 - 55	2.4
IC1102	59	4.8
	60 - 61	2.4
	64	4.8
	1	4.5
	2	4.1
	3	4.5
	6	4.3
	7	3.5
8	9.0	

S1 BOARD TRANSISTOR VOLTAGE TABLE

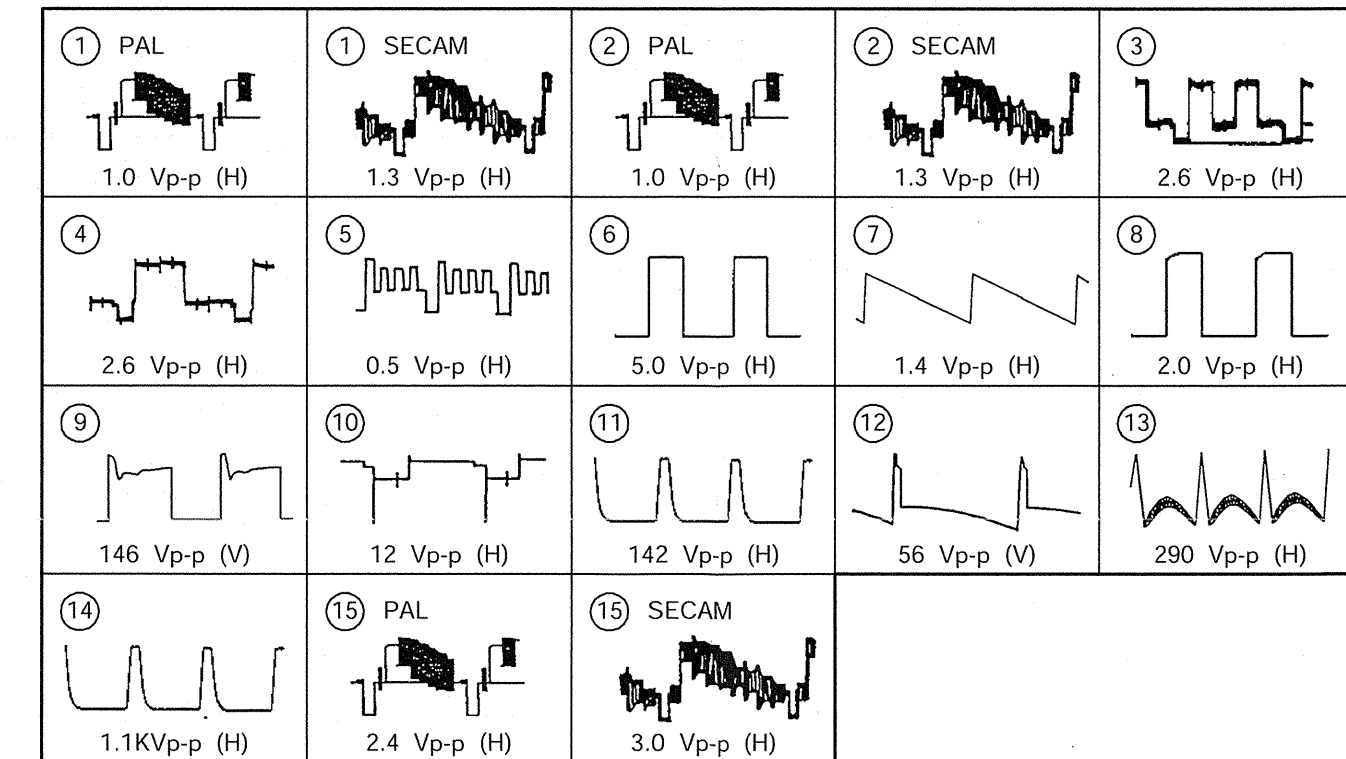
Ref No	(B) Base	(C) Collector	(E) Emitter
Q1111	2.0	4.1	1.3
Q1112	1.5	3.5	0.9
Q1113	1.9	4.1	1.3
Q1114	3.5	3.3	4.1
Q1115	3.3	4.1	2.7

S1 BOARD * MARK

Ref	25X5A	25X5B	25X5D	25X5E	25X5K	25X5L	25X5R	25X5U
C1127	22PF	33PF	22PF	33PF	33PF	33PF	22PF	33PF
C1129	-	0.033MF	-	0.033MF	0.033MF	0.033MF	-	0.033MF
C1130	-	0.33MF	-	0.33MF	0.33MF	0.33MF	-	0.33MF
C1131	0.47MF	0.47MF	0.47MF	-	-	-	0.47MF	-
D1101	0	BB135	0	BB135	BB135	BB135	0	BB135
FB1111	6.8UH	4.7UH	6.8UH	4.7UH	4.7UH	4.7UH	6.8UH	4.7UH
FB1113	-	4.7UH	-	-	-	-	-	-
IC1101	TDA9870	TDA9875P	TDA9870	TDA9875P	TDA9875P	TDA9875P	TDA9870	TDA9875P
IC1102	LM358D	UPC4558G2	LM358D	UPC4558G2	UPC4558G2	UPC4558G2	LM358D	UPC4558G2
L1101	-	2.7UH	-	2.7UH	2.7UH	2.7UH	-	2.7UH
L1113	-	5.6UH	-	-	-	-	-	-
L1117	-	47UH	-	-	-	-	-	-
R1108	2.2K	2.2K	2.2K	-	-	-	2.2K	-
R1116	0	39K	0	39K	39K	39K	0	39K
R1117	-	10K	-	10K	10K	10K	-	10K
R1118	-	20K	-	20K	20K	20K	-	20K
R1130	10K	-	10K	-	-	-	10K	-
R1134	10K	-	10K	-	-	-	10K	-
R1164	-	10K	-	10K	10K	10K	-	10K
R1165	0	-	0	-	-	-	0	-



WAVEFORMS A BOARD

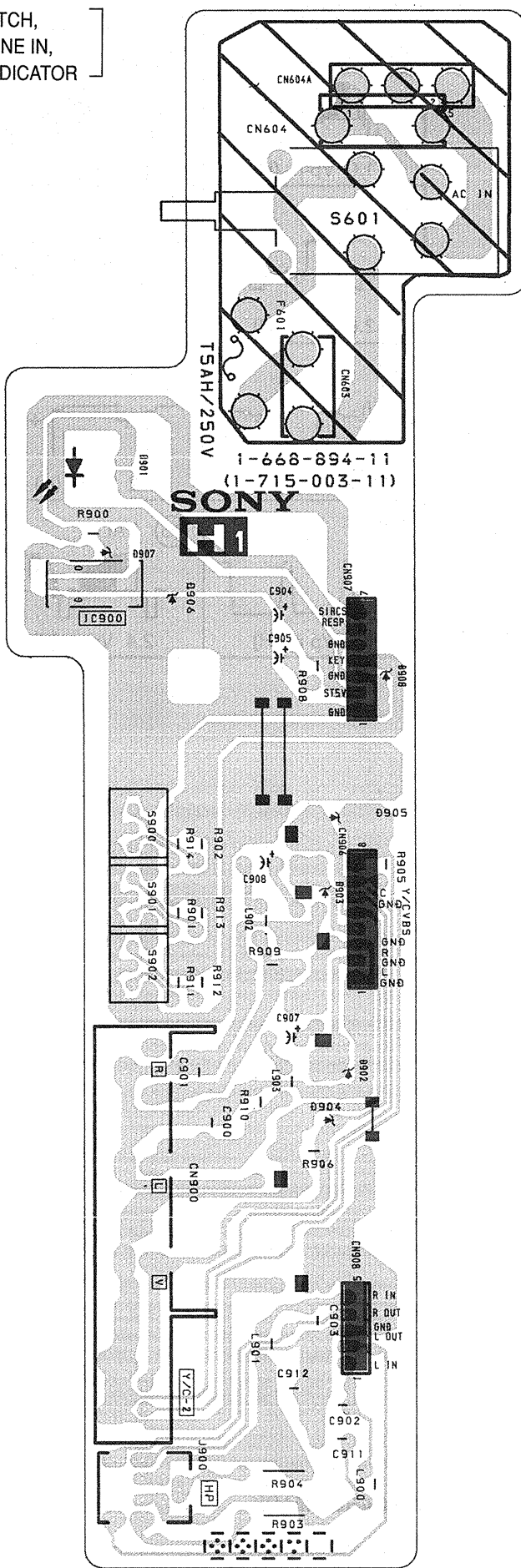


A BOARD * MARK

Ref	25X5A	25X5B	25X5D	25X5E	25X5K	25X5L	25X5R	25X5U
C111	0	0.01MF 50V	0	0	0	0	0	0
C133	-	1MF 16V	-	-	-	-	-	-
C533	-	0.0047MF 50V	-	-	-	-	-	-
C606	330MF 400V	330MF 400V	330MF 400V	330MF 400V	-	330MF 400V	330MF 450V	330MF 400V
C638	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 450V	10MF 400V
IC001	SA45497PS/M1A/040	SA45497PS/M1A/038	SA45497PS/M1A/040	SA45497PS/M1A/038	SA45497PS/M1A/038	SA45497PS/M1A/038	SA45497PS/M1A/038	SA45497PS/M1A/038
IC101	TDA9817/V1	TDA9818/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1
JW128	0	-	0	0	0	0	0	0
JW128	-	-	-	-	-	-	LEAD JUMPER (S.DMM)	-
R112	-	2.2K	-	-	-	-	-	-
R116	-	-	-	47K	47K	-	-	47K
R133	0	-	0	0	0	0	0	0
R149	-	1K	-	-	-	-	-	-
R417	75	75	75	75	75	75	75	68
R418	470	470	470	470	470	470	470	560
RV101	-	22K	-	-	-	-	-	-
SWP101	1-767-874-11	1-579-273-11	1-767-874-11	1-767-874-11	1-767-874-11	1-579-273-11	1-767-874-11	1-767-874-11
SWP103	-	1-767-083-11	-	-	-	-	-	-
TU101	TELE9-001A	TELE9-001A	TELE9-001A	BTP-AC411	BTP-AC411	TELE9-001A	BTP-AC402	BTP-AU811

H1

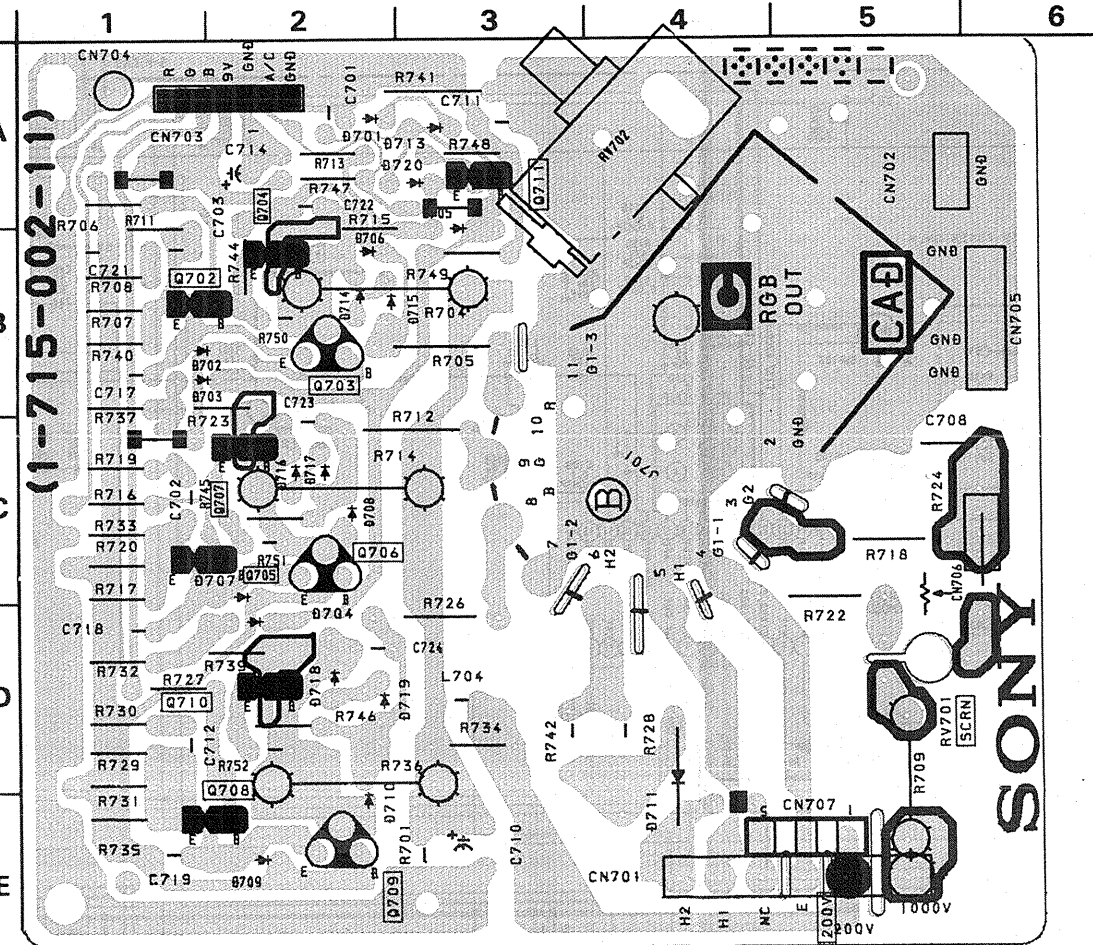
AC SWITCH, CONTROL SWITCH,
AUDIO IN, Y/C IN, HEADPHONE IN,
SIRCS RECIEVER, SIRCS INDICATOR



C

[RGB OUT]

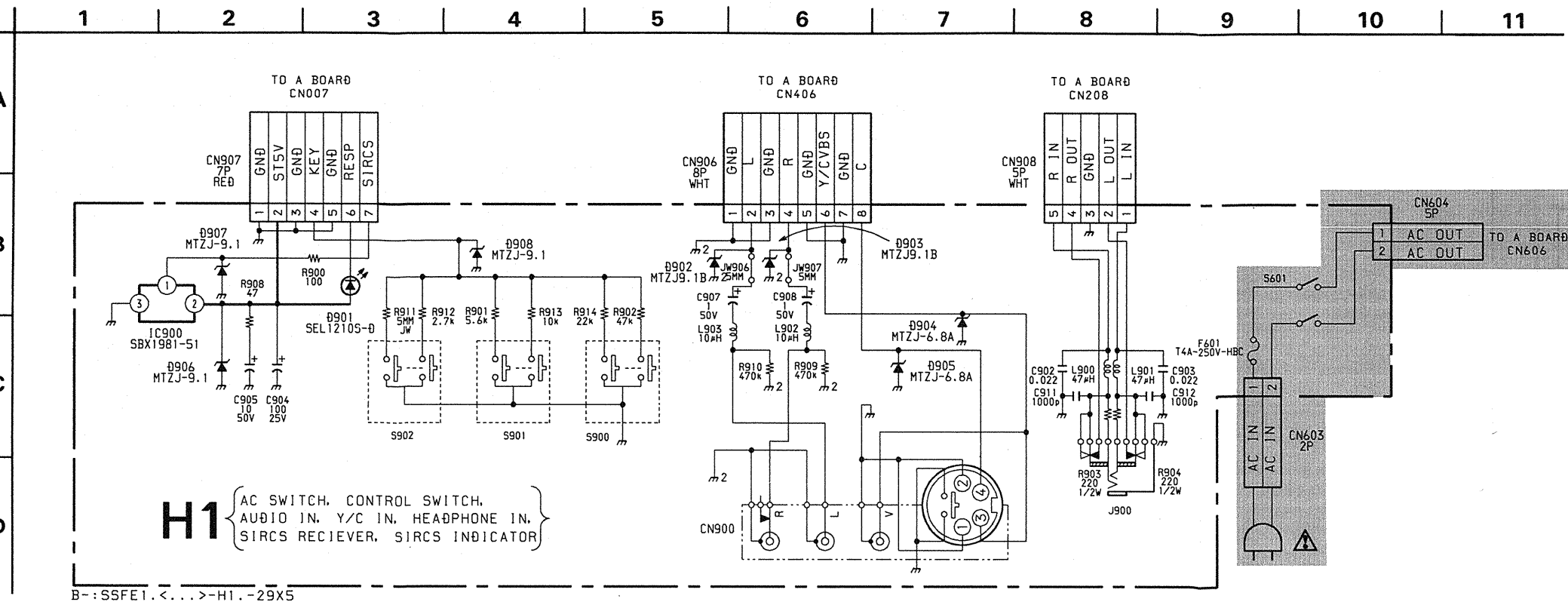
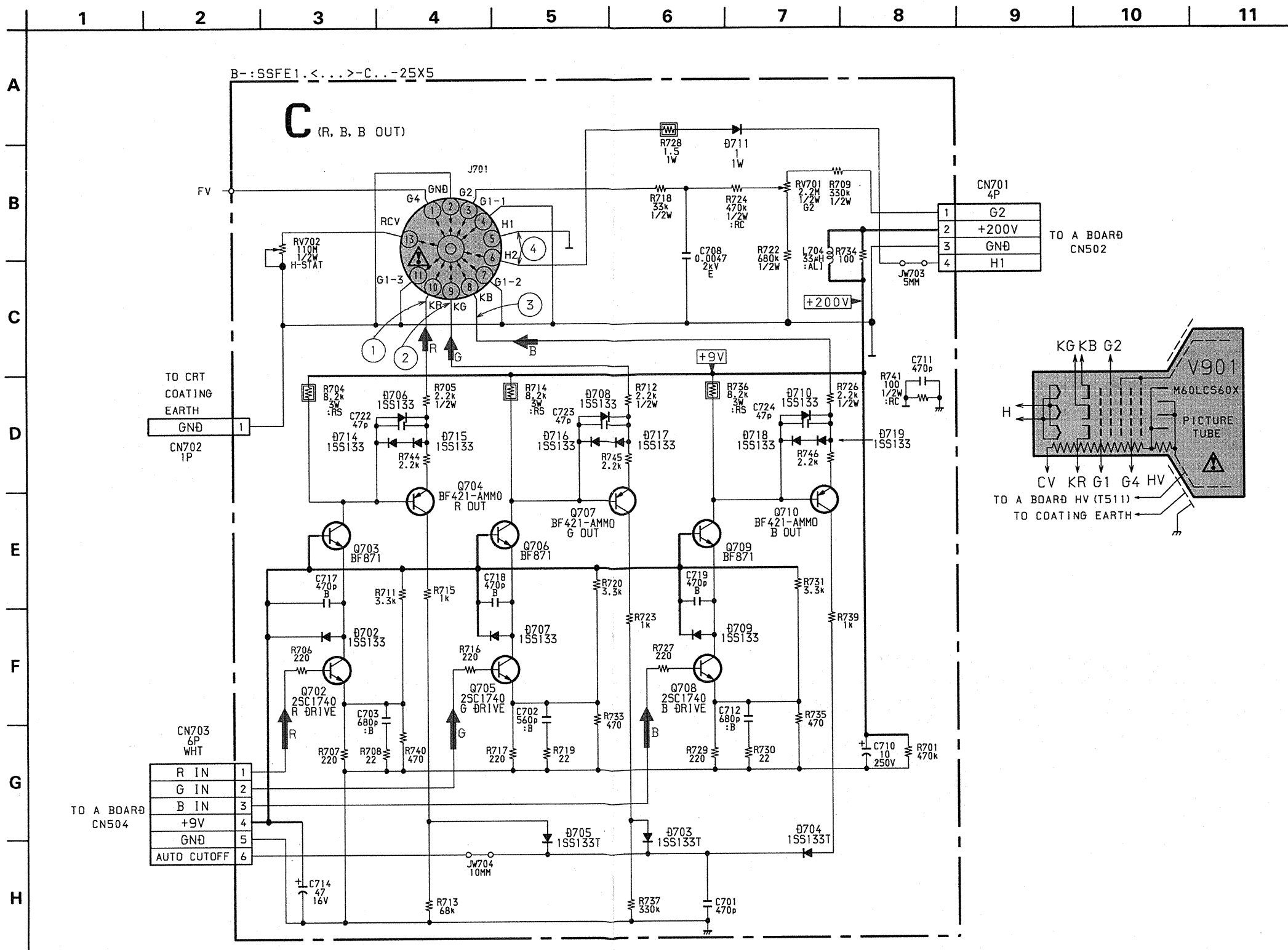
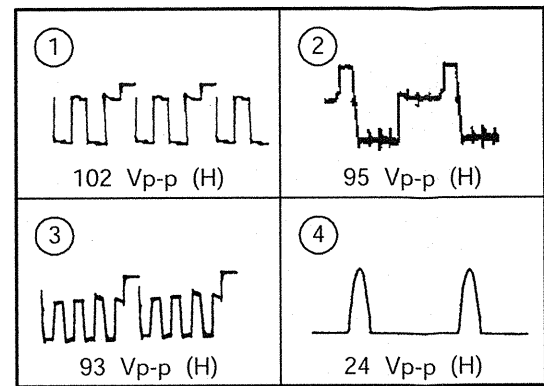
C Board



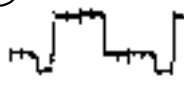
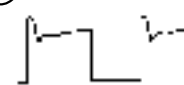
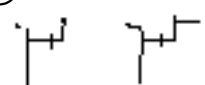
C BOARD TRANSISTOR
VOLTAGE TABLE

Transistor Voltage Table				
Ref No	(B) Base	(C) Collector	(E) Emitter	
Q702	1.5	8.3	1.1	
Q703	8.8	169.8	8.3	
Q704	169.5	1.9	209.5	
Q705	1.5	8.3	1.1	
Q706	8.8	170.7	8.3	
Q707	170.5	1.9	215.7	
Q708	1.5	8.3	1.0	
Q709	8.9	171.3	8.3	
Q710	171.2	1.9	206.3	

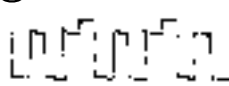
WAVEFORMS C BOARD



WAVEFORMS A BOARD

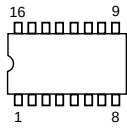
① PAL  1.0 Vp-p (H)	① SECAM  1.3 Vp-p (H)	② PAL  1.0 Vp-p (H)	② SECAM  1.3 Vp-p (H)	③  2.6 Vp-p (H)
④  2.6 Vp-p (H)	⑤  0.5 Vp-p (H)	⑥  5.0 Vp-p (H)	⑦  1.4 Vp-p (H)	⑧  2.0 Vp-p (H)
⑨  146 Vp-p (V)	⑩  12 Vp-p (H)	⑪  142 Vp-p (H)	⑫  56 Vp-p (V)	⑬  290 Vp-p (H)
⑭  1.1KVp-p (H)	⑮ PAL  2.4 Vp-p (H)	⑮ SECAM  3.0 Vp-p (H)		

WAVEFORMS C BOARD

①  102 Vp-p (H)	②  95 Vp-p (H)
③  93 Vp-p (H)	④  24 Vp-p (H)

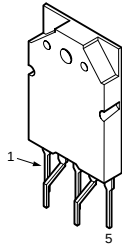
5-4 SEMICONDUCTORS (1)

CD4052BCM

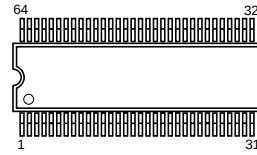


(TOP VIEW)

STR-F6654

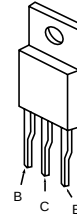


TDA9875
TDA9870

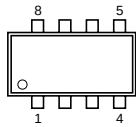


(TOP VIEW)

2SA1837

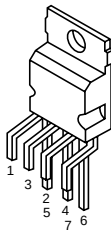


LM358DR-EZ
NJM4558M-TE2
NJM2903D

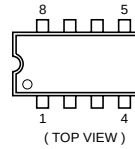


(TOP VIEW)

STV9379



TOP209P

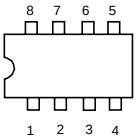


(TOP VIEW)

2SC4793

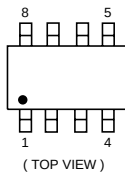


LM393P
TDA2822M
TEA2124



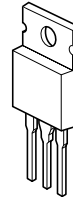
(TOP VIEW)

ST24W08FM6TR

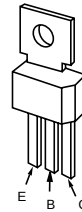


(TOP VIEW)

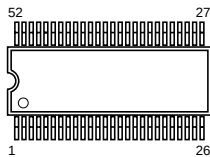
TYA7805CTV
TYA7809CTV



BF871-127

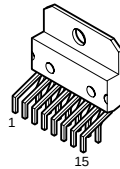


SAA5497PS/MIA/038
SAA5497PS/MIA/039
SAA5497PS/MIA040

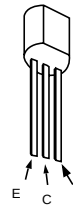


(TOP VIEW)

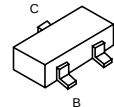
TDA7495



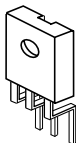
BF421-AMMO
2SA1091-O



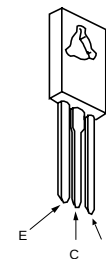
DTA144ESA
DTA144ESA-TP
DTC114EK
DTC114EKA-T146
DTC143TKA-T146
DTC144EKA-T-146R
2SA1037K-T-146-
R2SA1162-G
2SC2412K-QR
2SC2412K-T-146-R



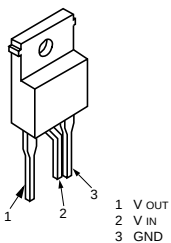
SBX1981-51



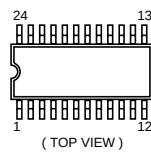
2SC688-LK



SE-135N
SE135N-LF12

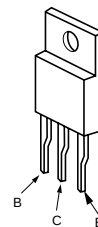


TDA9818-V1
TDA9817-V1



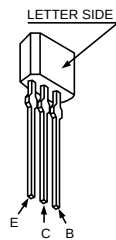
(TOP VIEW)

IRF614

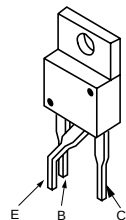


5-4 SEMICONDUCTORS (2)

2SA933AS-QRT
2SA933AS-RT
2SC1740S-RT

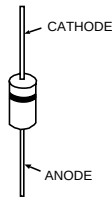


2SK2251-01-F19

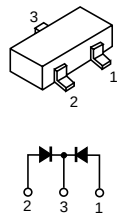


AK04-V1
AU-012-V1
BYD33G
BYD33G-AMMO
DINL20-TR
ERB44-06TP1
EG-1Z-V1
EL1Z
ERD28-06S

ERD28-08S
ERC06-15
FMN-G12S
RG1CLF-B1
RGP10GPKG23
RU3YX-LF-C4
RU3YX-V1
RU-4AM-T3
1SS292T-77

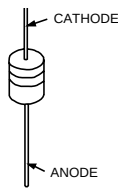


DAN202K
DAN202K-T146

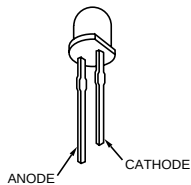


ERA81-004TP1
ERA83-006
MTZJ-T-77-3.9B
MTZJ-T-77-5.6B
MTZJ-T-77-5.6C
MTZJ-T-77-6.8A
MTZJ-T-77-6.8C
MTZJ-T-77-7.5C
MTZJ-T-77-9.1A
MTZJ-T-77-9.1A
MTZJ-T-77-10

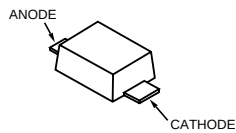
MTZJ-T-77-33A
MTZJ-33C
MTZJ-7.5B
RD3.9ES-B2
RD5.6ESB2
RD6.8ES-B2
RD7.5ESB2
RD9.1ES-B3
1SS119-25TD
1SS133T-77



SEL12108-D

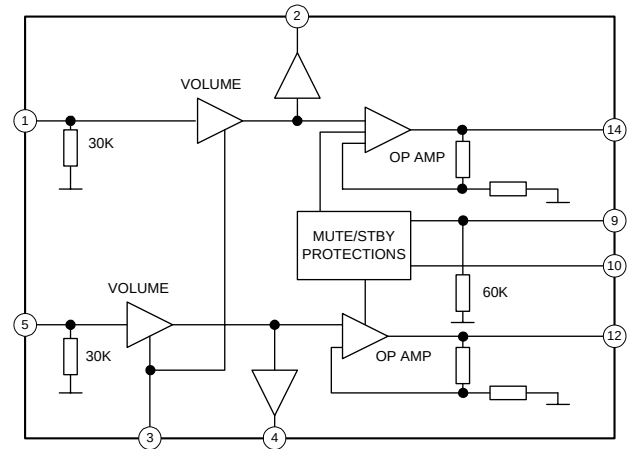


UF4005PK623

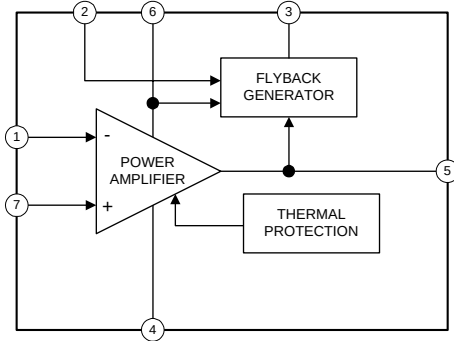


5-5. IC BLOCK DIAGRAMS

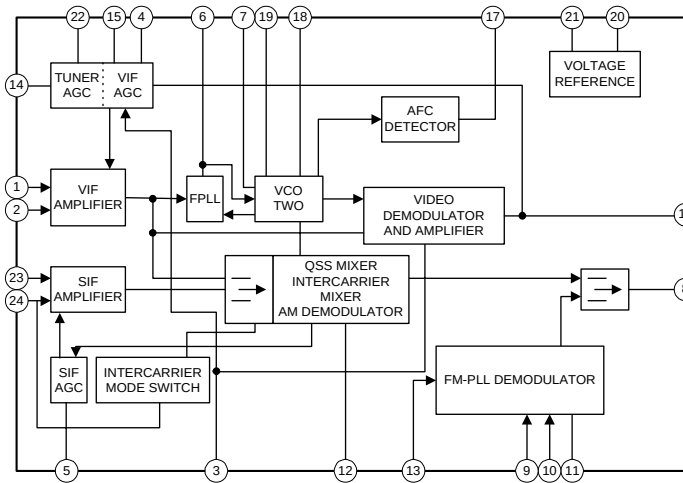
A BOARD IC201 TDA7495



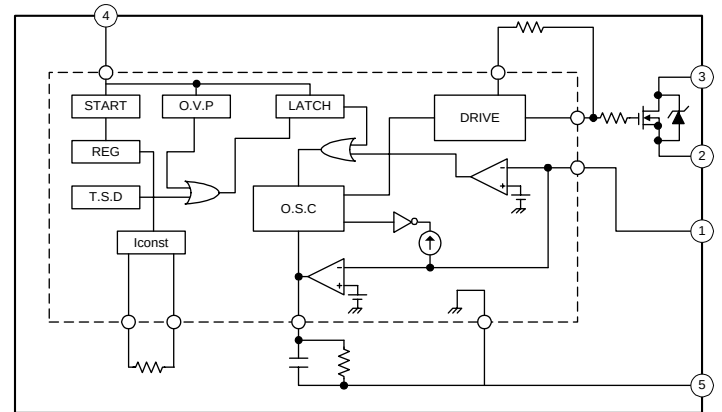
A BOARD IC501 STV 9379



A BOARD IC101 TDA9817/V1



A BOARD IC606 STR-F6654



A BOARD IC301 CXA2060AS

