

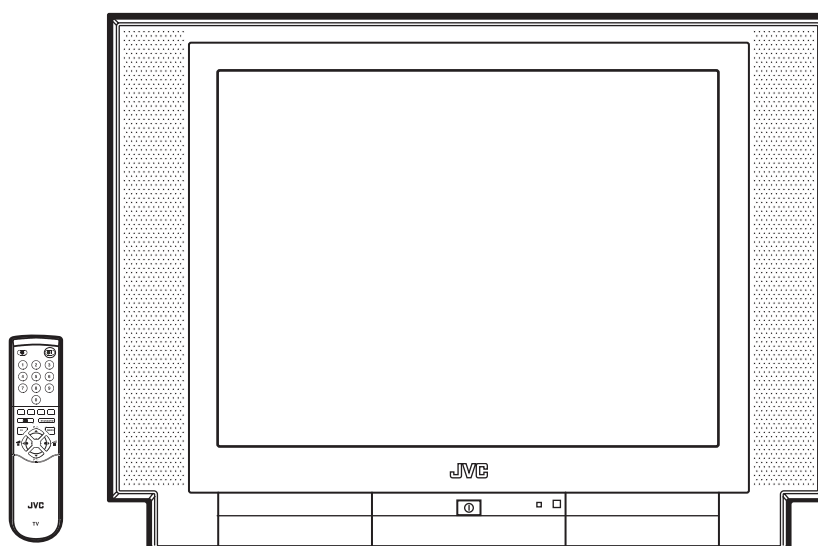
JVC

SCHEMATIC DIAGRAMS

COLOUR TELEVISION

AV-29BH11ENS AV-29BH11EPS AV-29BH11EES

CD-ROM No.SML200209



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BASIC OPERATION SERVICE MENU

■ HOW TO ENTER THE SERVICE MODE

- 1) Press the **INFORMATION** key and **MUTING** key of REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig.1 will be displayed.

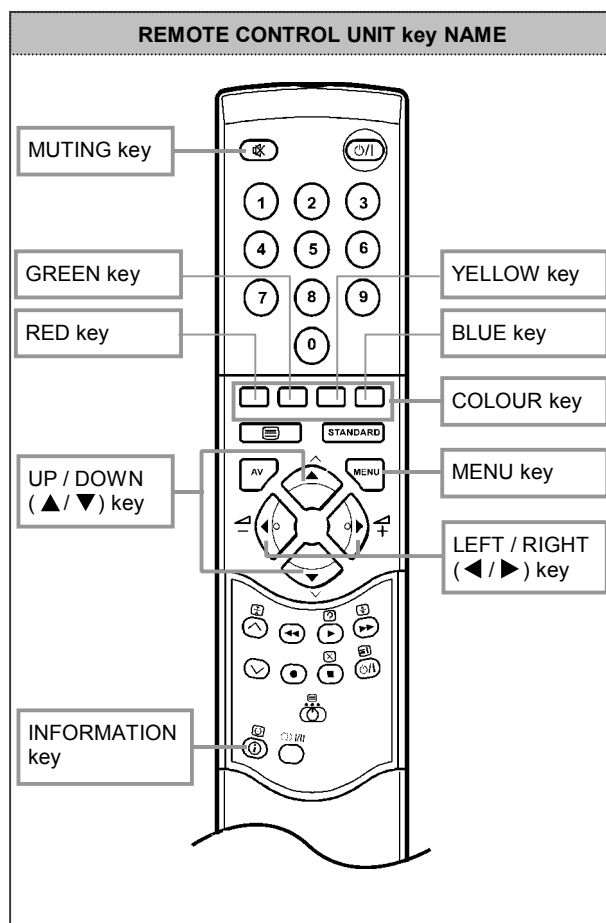
SERVICE MENU (1/2)			
PRODUCTION I>STORE MENU>EXIT			
H/V		VIDEO	
V-SHIFT	000	WdR	079
V-SIZE	0038	WdG	064
H-SHIFT	1224	WdB	067
H-SIZE	023	CuR	064
S-COR	027	CuG	064
LINRT	-07	CuB	064
ANGLE	003	YDP	-04
BOW	002	AGC	045
TRAPEZ	-07	APSW	2
PARAB	-39	APS	ON
U.COR	-01	T.T	THO
L.COR	002	T.P	SAM
TILT	000	YDS	-06
TRPZD	018	YDN	-01
AK41 G035		DVD	OFF
18. 12. 2001		C.M	OFF
		BLUE	ON
SERVICE			

Fig.1

- 2) While the Fig.1 is displayed, press the **BLUE** key for access to the SERVICE MENU (2/2) (Fig.2).

SERVICE MENU (2/2)			
PRODUCTION I>STORE MENU>EXIT			
ADJUSTMENTS		OPTIONS	
PIP CNTRST	000	0.HPHONE	OFF
PIP YDelay	000	1.CRT	4:3
PIP Frame	0	2.S-VHS	OFF
EHTHP	001	3.f(IF)	38.9
EHTH TC	000	4.Turk	ON
EHTH	-36	5.VGA	OFF
EHTV	-14	6.FRONT	ON
EHTV TC	005	7.DPL	OFF
SVDEL	000	8.VD	OFF
BCLTHRES	T1	9.NSL	ON
OSD CONT	080	SYSTEM	
OSD BRI	035	0.PAL	B/G ON
TEXT BRI	030	1.PAL	D/K OFF
INIT NVM		2.PAL	I OFF
Prescaler		3.SECAM	B/G ON
FM	015	4.SECAM	D/K OFF
NICAM	035	5.SECAM	L/L' ON
I2S	016	6.AUST.	OFF
SCART	025		

Fig.2

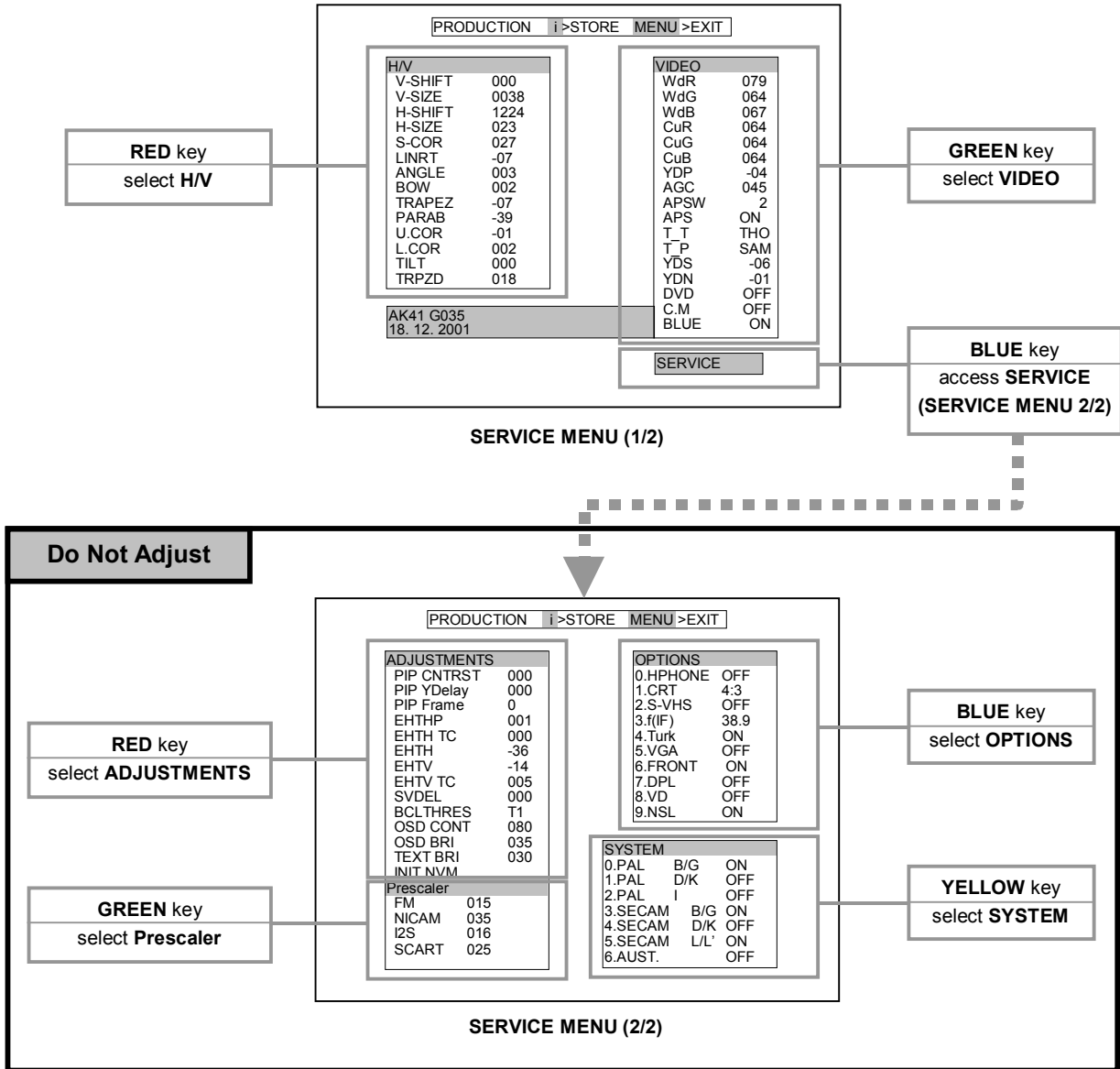


■ HOW TO EXIT SERVICE MODE

- 1) Press the **MENU** Key on REMOTE CONTROL UNIT.

■ SELECTION OF ADJUSTMENT ITEMS

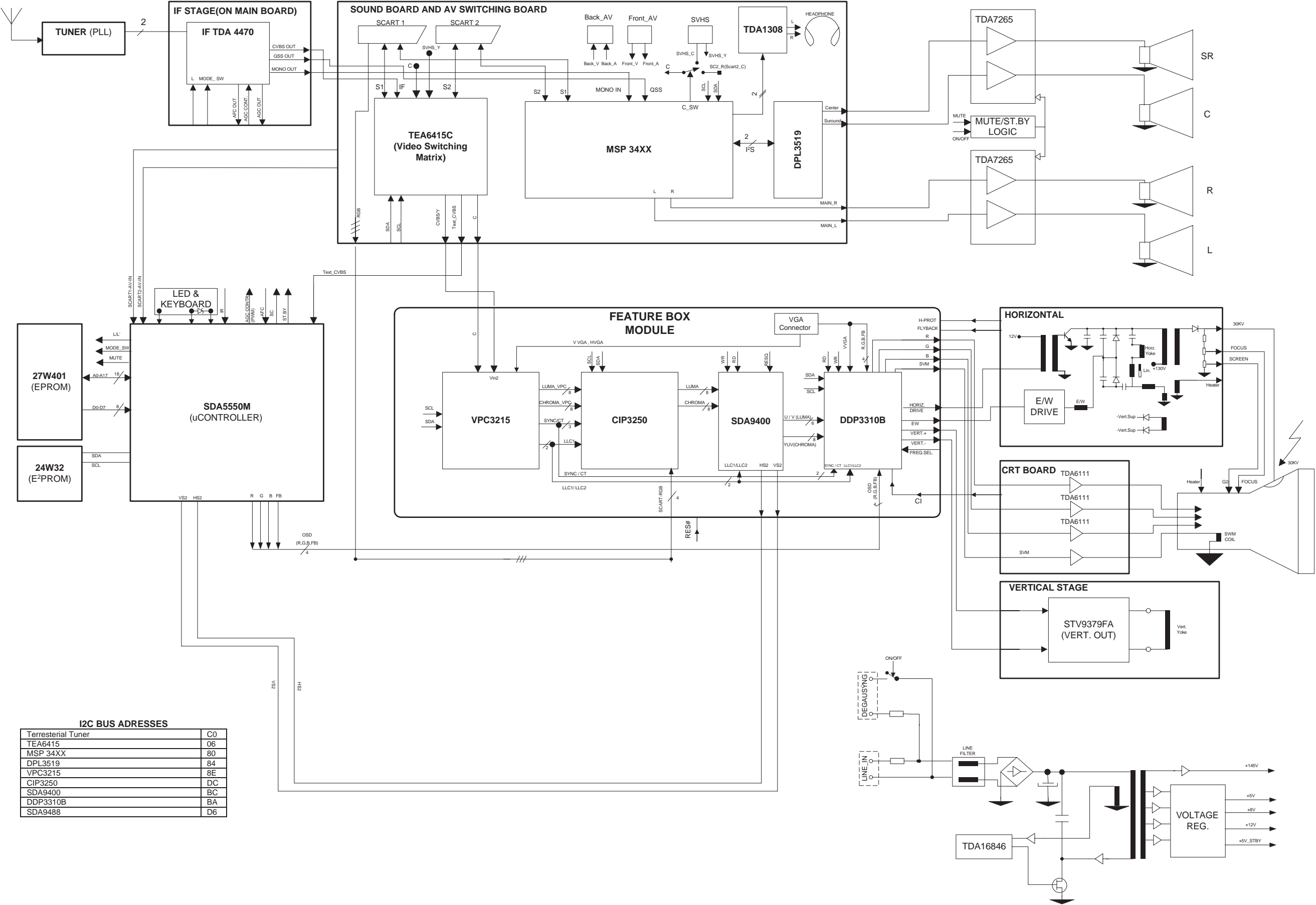
- 1) Press the **COLOUR** key and select the service menu section.
- 2) Select the ADJUST Item, use **UP** (▲) / **DOWN** (▼) key of remote control unit.
- 3) To change the selected parameter, use **LEFT** (◀) and **RIGHT** (▶) key.
- 4) Press the **INFORMATION** key to STORE.



BLOCK DIAGRAM

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

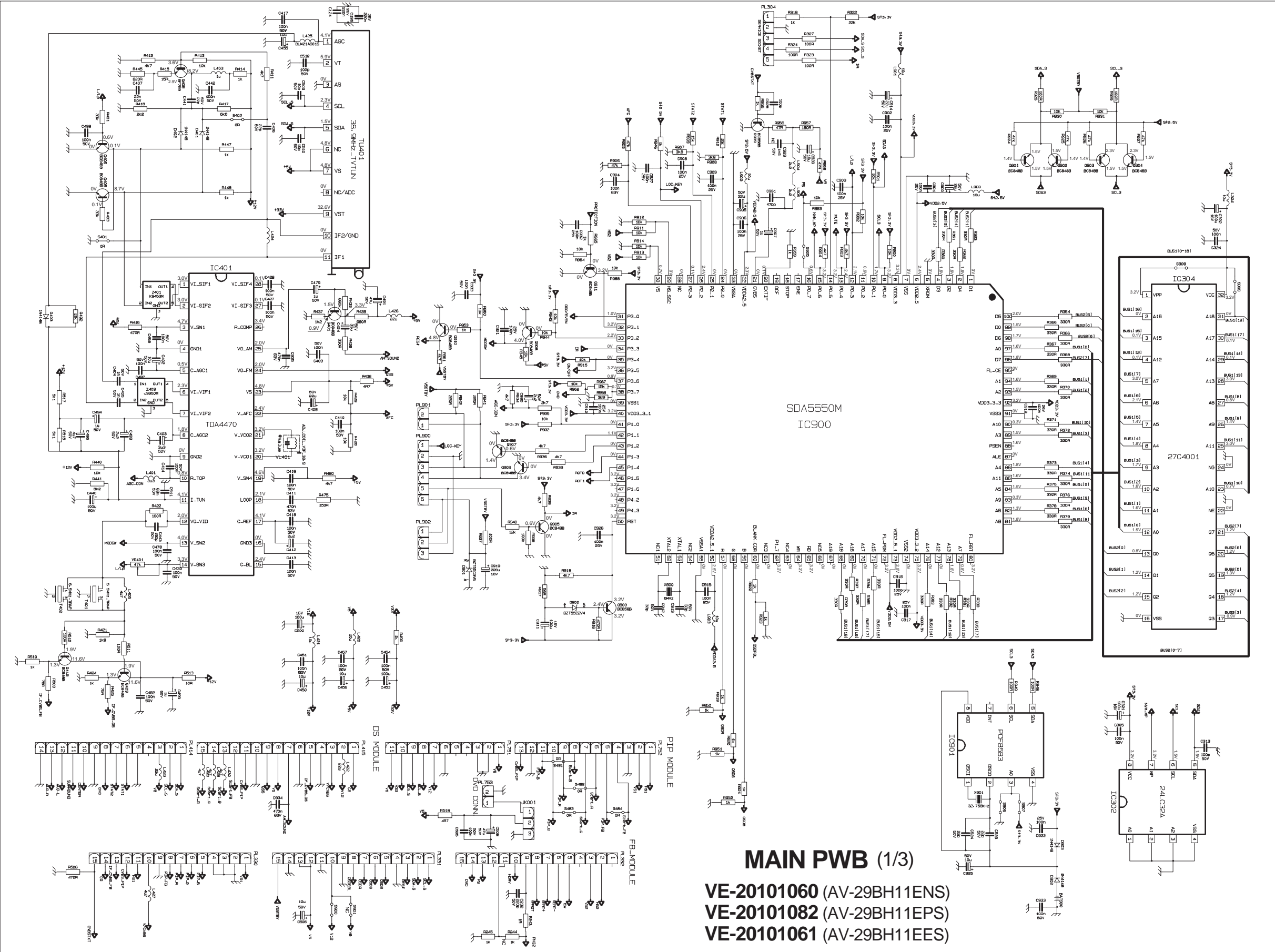
AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES



CIRCUIT DIAGRAMS MAIN PWB CIRCUIT DIAGRAM (1/3)

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES



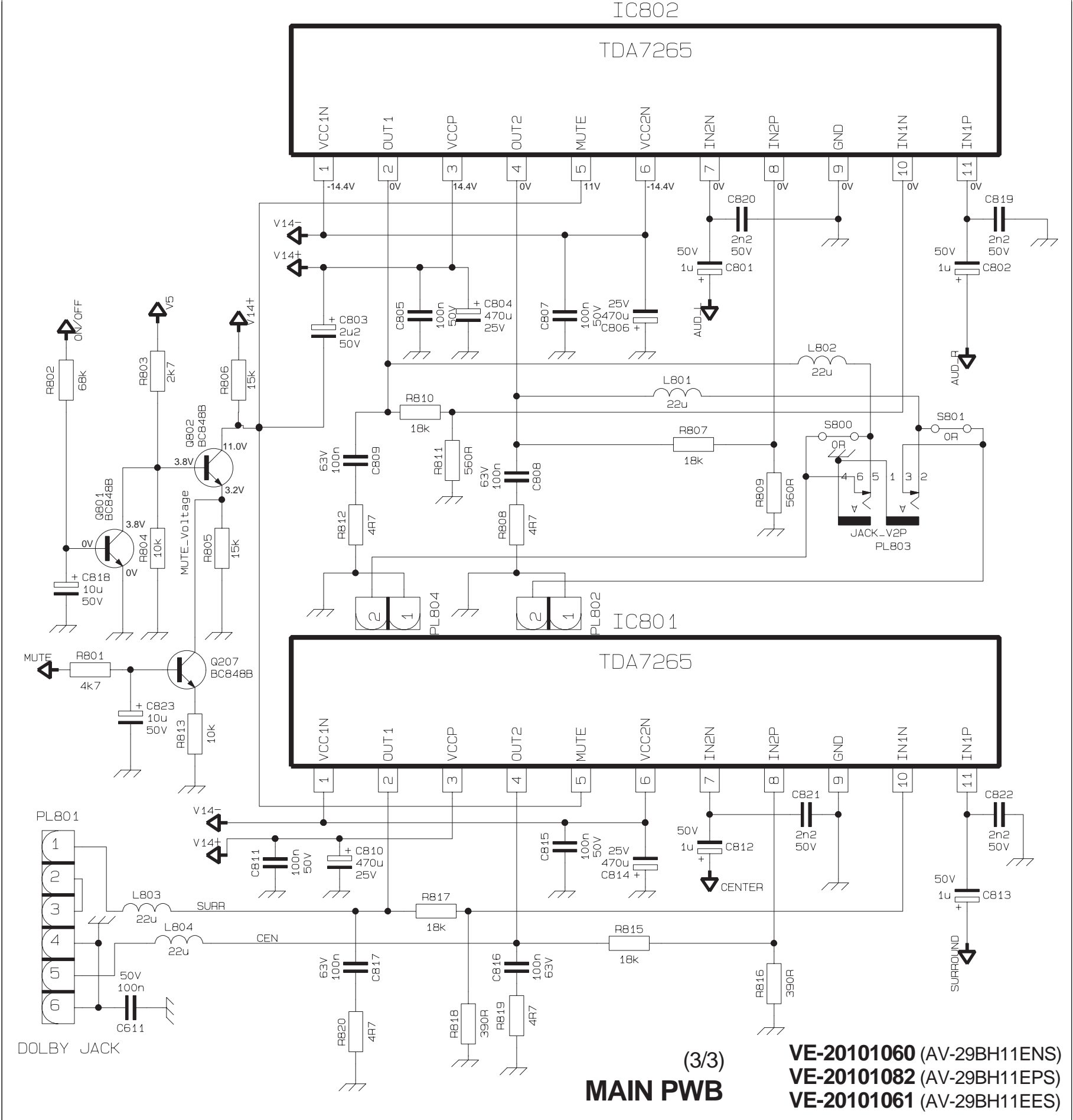
MAIN PWB (2/3)

VE-20101060 (AV-29BH11ENS)
VE-20101082 (AV-29BH11EPS)
VE-20101061 (AV-29BH11EES)

VE-20101060 (AV-29BH11ENS)
VE-20101082 (AV-29BH11EPS)
VE-20101061 (AV-29BH11EES)

	EN		EE		EP	
R401	---	---	---	---	VE-30000665	RES CF 1/4W 33K J
R403	---	---	---	---	VE-30000668	RES SMD 1/10W 33K J Ø805
R411	VE-30000747	RES SMD 1/10W 560R J (Ø805)	VE-30000747	RES SMD 1/10W 560R J (Ø805)	VE-30000721	RES SMD 1/10W 4.7K J
R417	---	---	---	---	VE-30000778	RES SMD 1/10W 4.8K J Ø805
R418	---	---	---	---	VE-30000593	RES SMD 1/10W 2.2K J (Ø805)
R432	---	---	---	---	VE-30000787	RES SMD 1/10W 680K J
R437	---	---	---	---	VE-30000499	RES SMD 1/10W 1.2K J (Ø805)
R438	---	---	---	---	VE-30000655	RES CF 1/4W 330R J
R439	---	---	---	---	VE-30000770	RES CF 1/4W 680R J
R440	VE-30000534	RES SMD 1/10W 15K J (Ø805)	VE-30000534	RES SMD 1/10W 15K J (Ø805)	---	---
R441	VE-30000818	RES SMD 1/10W 8.2K J (Ø805)	VE-30000818	RES SMD 1/10W 8.2K J (Ø805)	---	---
R446	---	---	---	---	VE-30000751	RES SMD 1/10W 5.6K J Ø805
R447	---	---	---	---	VE-30000469	RES SMD 1/10W 1K J Ø805
R516	---	---	---	---	VE-30000489	RES SMD 1/10W 1K J Ø805
R517	---	---	---	---	VE-30007026	RES SMD 1/10W 5.1K J(Ø805)
VR401	---	---	---	---	VE-30007026	RES SMD 1/10W 5.1K J(Ø805)
VR401	---	---	---	---	VE-30001058	RES ADJ 1/6W 22K VER (OTO)
CXXX	---	---	---	---	VE-30001069	RES ADJ 1/6W 47K VER (MAN)
CXX7	---	---	---	---	VE-30009195	CONN MALE HEADER 1P
C403	VE-30000384	CAP EL 2.2UF 50V M	VE-30000384	CAP EL 2.2UF 50V M	VE-3000106	CAP MKT 47NF 100V J
C406	VE-30000224	CAP SMD 220PF 50V J (Ø805)	VE-30000224	CAP SMD 220PF 50V J (Ø805)	VE-30000393	CAP EL 3.3UF 50V M
C424	---	---	---	---	VE-30000220	CAP SMD 22PF 50V J (Ø805)
C430	---	---	---	---	VE-30000387	CAP EL 33UF 50V M
C440	VE-30000400	CAP EL 47UF 50V M	VE-30000400	CAP EL 47UF 50V M	VE-30000294	CAP SMD 100NF 50V K (Ø805)
C455	VE-30000345	CAP EL 10UF 50V M	VE-30000345	CAP EL 10UF 50V M	VE-0000355	CAP EL 100UF 50V M
C479	---	---	---	---	---	---
C494	---	---	---	---	VE-30000362	CAP EL 1UF 50V M
C496	---	---	---	---	VE-30000362	CAP EL 1UF 50V M
C491-T	---	---	---	---	VE-30000413	CAP EL 4.7UF 50V M
D401	VE-30001735	JUMPER SMD 1206	VE-30001735	JUMPER SMD 1206	VE-30000400	CAP EL 47UF 50V M
D402	---	---	---	---	VE-30001285	DIODE 1N4148 SMD
Q401	---	---	---	---	VE-30001285	DIODE 1N4148 SMD
Q405	---	---	---	---	VE-30001457	TR BC848B SMD
Q406	---	---	---	---	VE-30001457	TR BC848B SMD
IC302	VE-20101089	IC 24C32 037J111113312	VE-20101104	IC 24C32 038J311112312	VE-20101106	IC 24C32 039J411113312
IC401	VE-30001495	IC TDA4472	VE-30001495	IC TDA4472	VE-300011494	IC TDA4470B
L426	---	---	---	---	VE-30001994	FIXED COIL 22UH J AXIAL
VL401	VE-30002037	ADJ COIL VIF 38.9 Q80	VE-30002037	ADJ COIL VIF 38.9 Q80	VE-30002036	ADJ COIL VIF 38.9MHZ C=12PF
S401	VE-30001734	JUMPER SMD (Ø805)	VE-30001734	JUMPER SMD (Ø805)	---	---
T402	---	---	VE-30001726	FILTER SER TRAP TPS 6.5MHZ	---	---

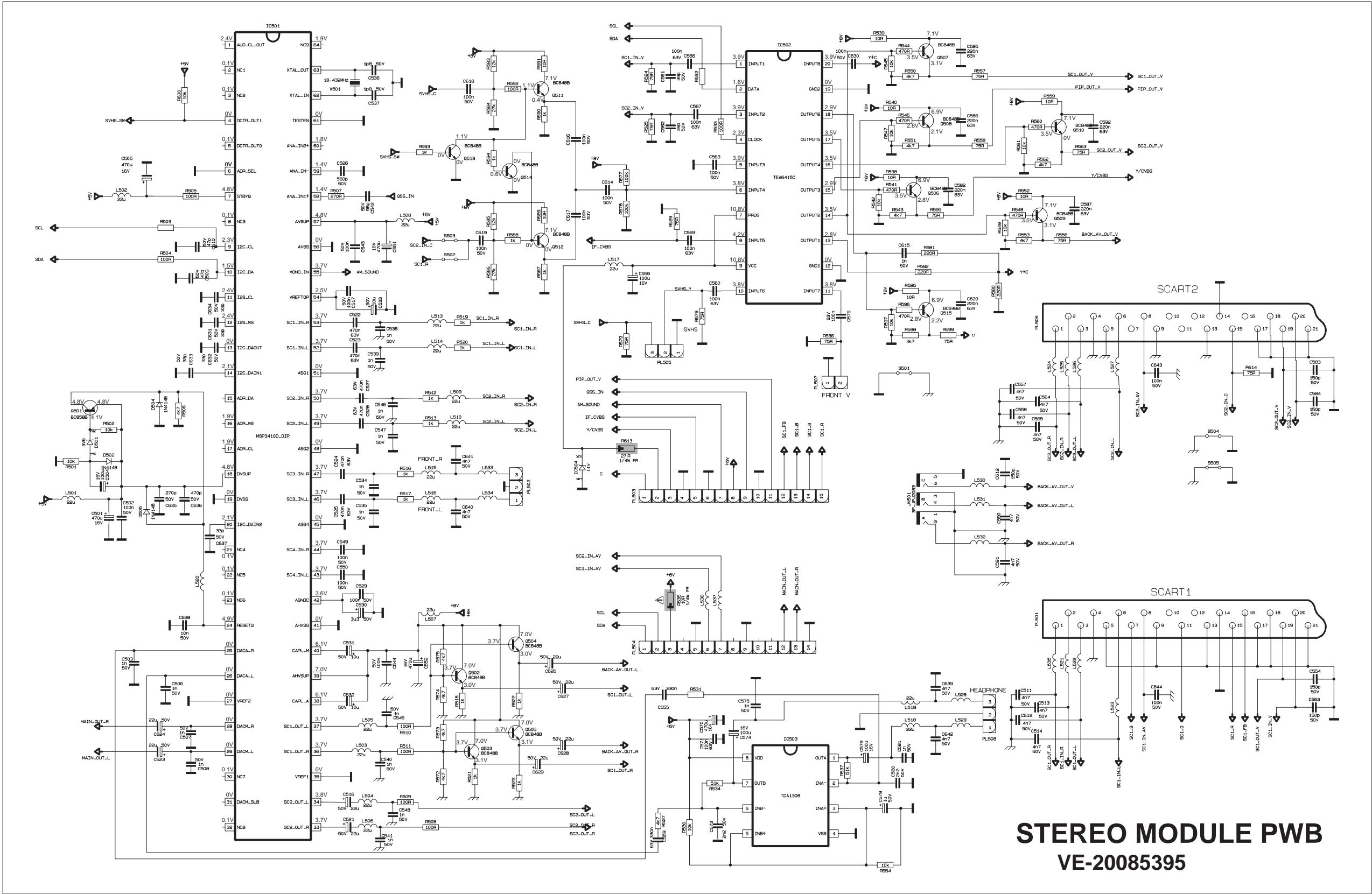
MAIN PWB CIRCUIT DIAGRAM (3/3)

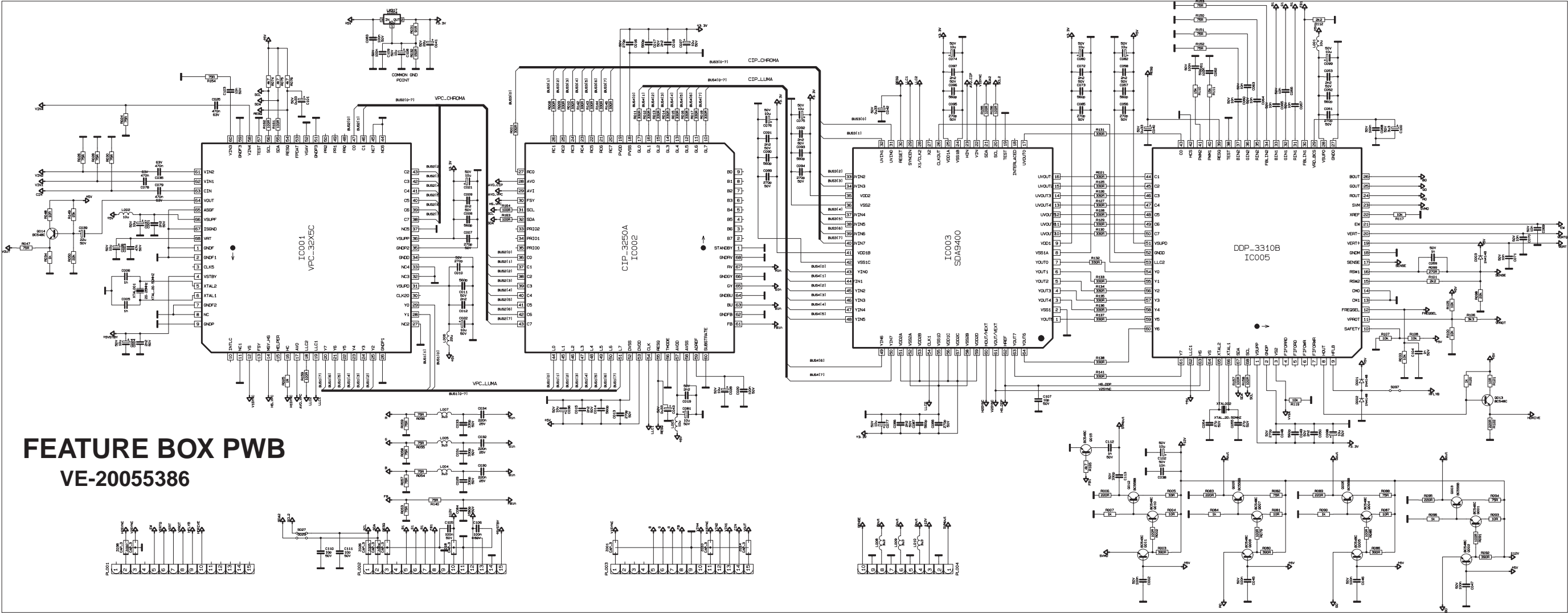


STEREO MODULE PWB CIRCUIT DIAGRAM

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

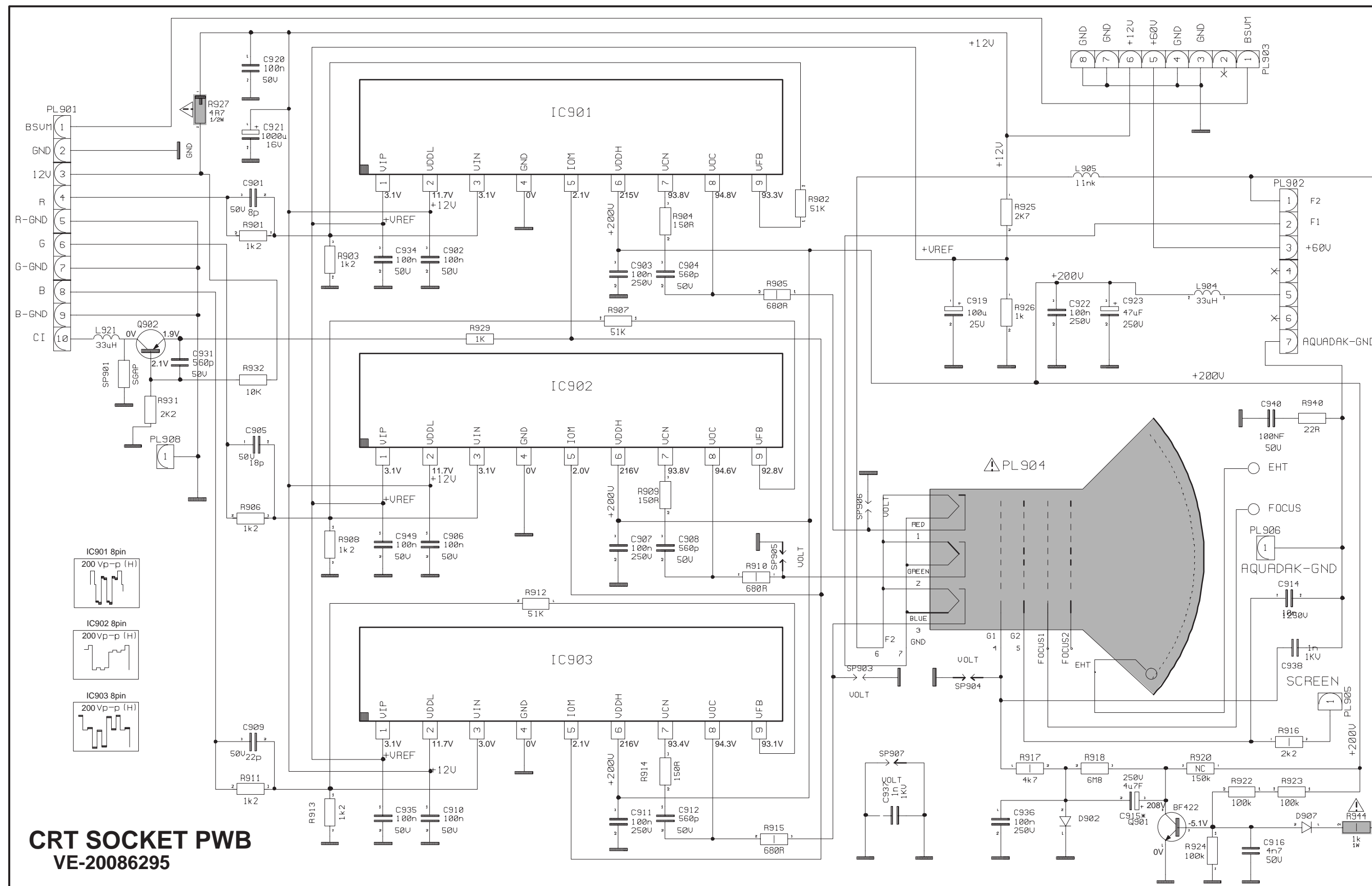




CRT SOCKET PWB CIRCUIT DIAGRAM

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

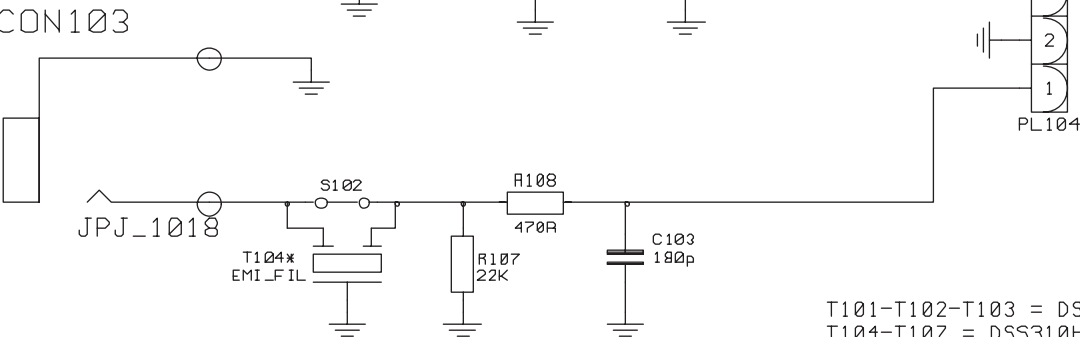
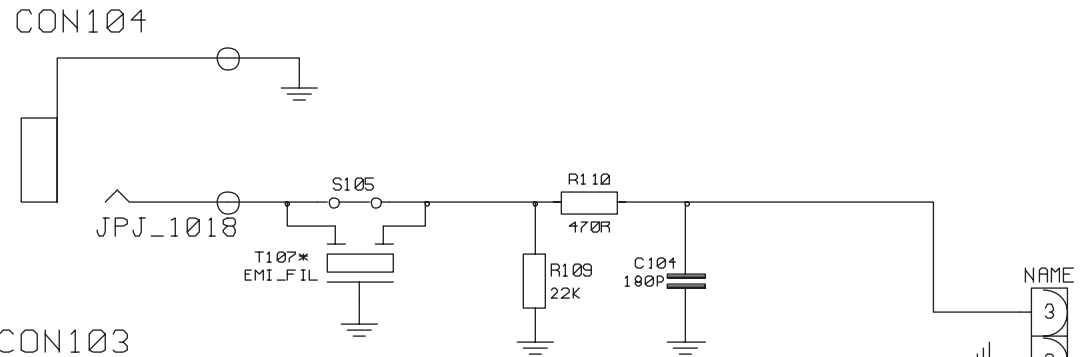
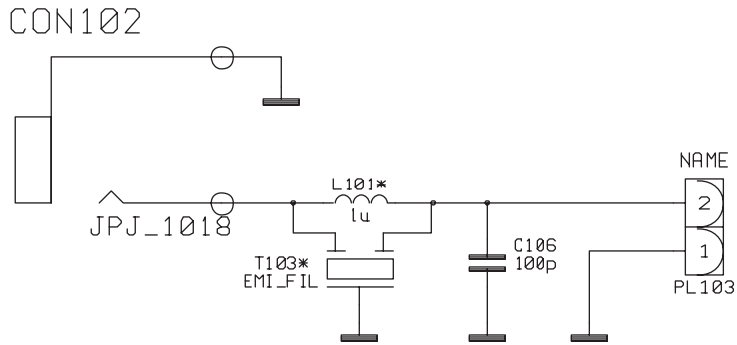


CRT SOCKET PWB
VE-20086295

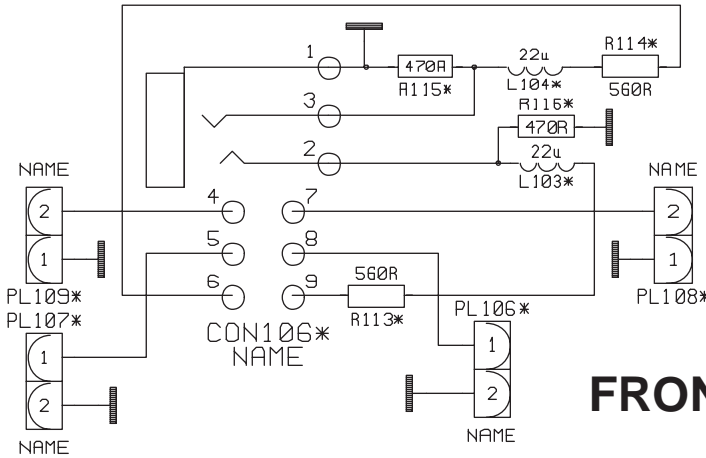
AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

AV-29BH11ENS
AV-29BH11EPS
AV-29BH11EES

FRONT AV & HEADPHONE PWB CIRCUIT DIAGRAM

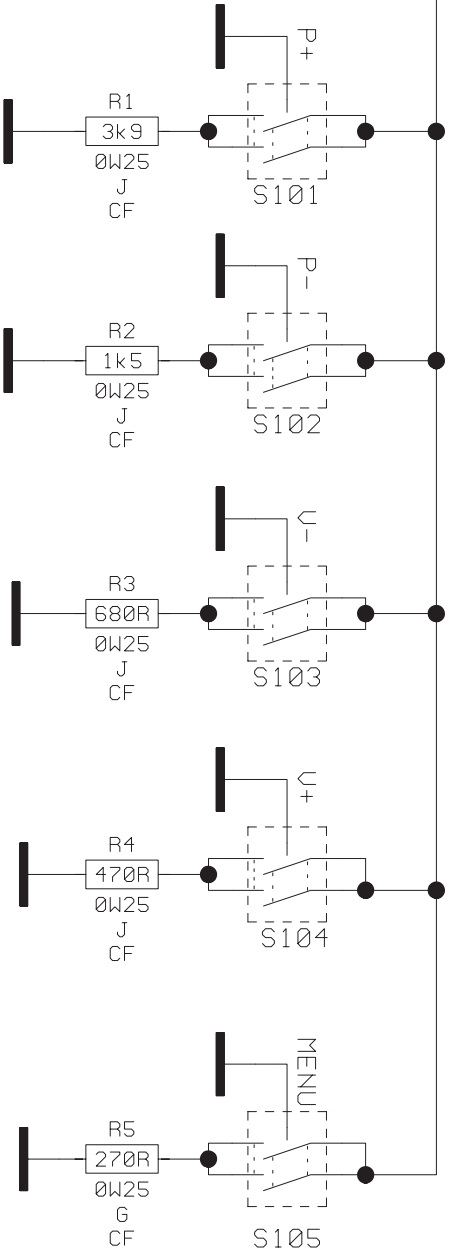
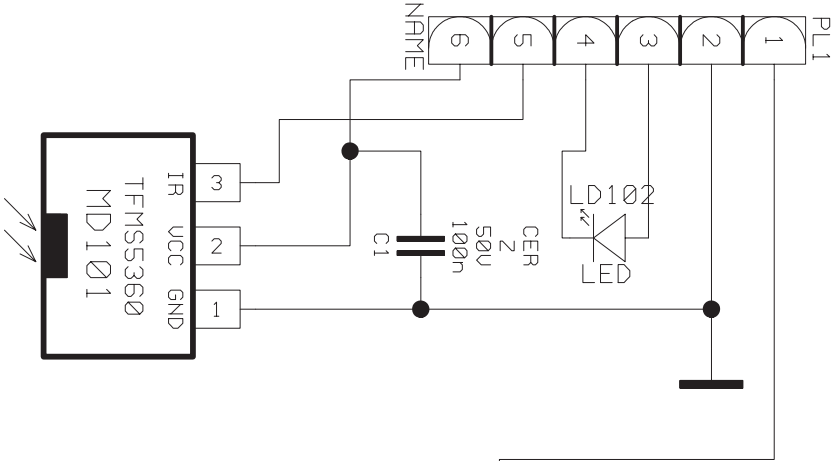


T101-T102-T103 = DSS310H-55B271M250
T104-T107 = DSS310H-55B222M250



FRONT AV & HEADPHONE PWB
VE-20083091

FRONT CONTROL PWB CIRCUIT DIAGRAM



FRONT CONTROL PWB
VE-20100168