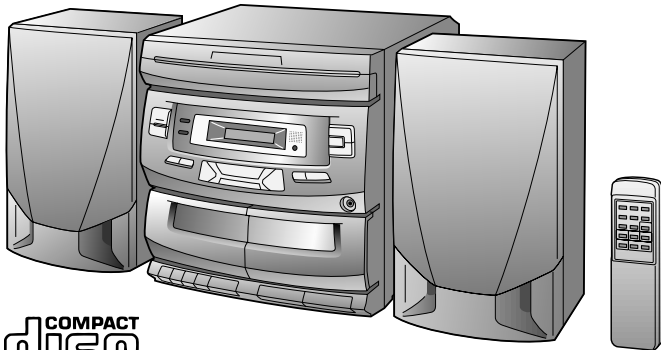


SHARP SERVICE MANUAL

No. S5832CDC401E/



COMPACT
disc
DIGITAL AUDIO

These new models CD-C401E,CP-C401E has almost the same structure as the former models CD-C401H,CP-C402 except for some outer parts, and so only these parts are here described. When servicing the CD-C401E,CP-C401E, please refer to the already issued service manual for CD-C401H,CP-C402 (S7750CDC401H) as well as this service manual.

CD-C401E CP-C401E

CD-C401E and CP-C401E constitute CD-C401E.

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified should be used.

Note for users in the U.K.

- Recording and playback of any material may require consent, which SHARP is unable to give. Please refer particularly to the provisions of the Copyright Act 1956, the Dramatic and Musical Performers Protection Act 1958, the Performers Protection Acts 1963 and 1972 and to any subsequent statutory enactments and orders.

DIFFERENCE BETWEEN CD-C401H AND CD-C401E

REF. NO.	PART NO. ★	★	PART NO. ★	DESCRIPTION	CODE	
	CD-C401H		CD-C401E			
INTEGRATED CIRCUITS						
IC701	RH-iX0182AWZZ	J	RH-iX0217AWZZ	J	System Microcomputer, IX0217AW	AX
TRANSISTORS						
Q351	VSKTC3199GR-1	J	Not used		Digital, NPN, KTC3199 GR	—
DIODE						
D4, 5	VHD1SS119//-1	J	Not used		Silicon, 1SS119	—
D203, 204	VHD1SS119//-1	J	Not used		Silicon, 1SS119	—
D301, 302	VHD1SS119//-1	J	Not used		Silicon, 1SS119	—
D382	VHD1SS119//-1	J	Not used		Silicon, 1SS119	—
D602, 603	VHD1SS119//-1	J	Not used		Silicon, 1SS119	—
ZD381	VHEUZ5R1BSB-1	J	VHEMTZJ5R1B-1	J	Zener, 5.1V, MTZJ5.1B	AC
ZD701	VHEUZ3R3BSB-1	J	VHEMTZJ3R3B-1	J	Zener, 3.3V, MTZJ3.3B	AA
VIBRATOR						
XL1	RCRM-0008AWZZ	J	92LCRSTL1746AT	J	Crystal, 16.93 MHz	AH
CAPACITORS						
C37	RC-GZA227AF0J	J	Not used		220 μ F, 6.3V, Electrolytic	—
C239	RC-QZ0025AWZZ	J	VCQYKA1HM823K	J	0.082 μ F, 50V, Mylar	AC
C358	VCKYMN1HB471K	J	Not used		470 pF, 50V	—
C394	Not used		VCKYPA1HB121K	J	120 pF, 50V	AA
C395	Not used		VCKYMN1HB101K	J	100 pF, 50V	AA
C603, 604	RC-QZ0025AWZZ	J	VCQYKA1HM823K	J	0.082 μ F, 50V, Mylar	AC
C609, 610	RC-GZW477AF1E	J	RC-GZV477AF1E	J	470 μ F, 25V, Electrolytic	AC
C702	VCTYMN1CY103K	J	VCTYMN1CY103N	J	0.01 μ F, 16V	AA
C707	VCTYMN1CY103K	J	VCTYMN1CY103N	J	0.01 μ F, 16V	AA
C708	VCTYMN1CY103M	J	VCTYMN1CY103N	J	0.01 μ F, 16V	AA
C709, 710	VCTYMN1CY103K	J	VCTYMN1CY103N	J	0.01 μ F, 16V	AA
C902	RC-GZW228AF1H	J	VCEAZW1HW228M	J	2200 μ F, 50V, Electrolytic	
C903	RC-GZW338AF1V	J	VCEAZW1EW338M	J	3300 μ F, 35V, Electrolytic	AG

★ MARK: SPARE PARTS-DELIVERY SECTION

SHARP CORPORATION

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The contents are subject to change without notice.

CD-C401E,CP-C401E

REF. NO.	PART NO. ★	PART NO. ★	DESCRIPTION	CODE		
	CD-C401H	CD-C401E				
RESISTORS						
R94	Not used	VRD-ST2EE560J	J	56 ohms, 1/4W	AA	
R355	VRD-MN2BD103J	J	Not used	10 kohm, 1/8W	—	
R356	VRD-MN2BD473J	J	Not used	47 kohms, 1/8W	—	
R391	VRD-ST2CD472J	J	VRD-ST2CD473J	J	47 kohms, 1/6W	AA
R398	VRD-MN2BD472J	J	Not used	4.7 kohms, 1/8W	—	
R400	VRD-MN2BD103J	J	Not used	10 kohm, 1/8W	—	
R709,710	VRD-MN2BD103J	J	VRD-MN2BD000C	J	0 ohm, Jumper, Ø1.4 x 3.5mm, Ivory	AA
R713	VRD-MN2BD103J	J	VRD-MN2BD000C	J	0 ohm, Jumper, Ø1.4 x 3.5mm, Ivory	AA
OTHER CIRCUITRY PARTS						
CNS201	QCNWN0919AWZZ	J	QCNWN0634AWZZ	J	Connector Ass'y, 3 Pin	AK
CNS202	QCNWN0920AWZZ	J	QCNWN0635AWZZ	J	Connector Ass'y, 7 Pin	AQ
SO301	QTANC0103AWZZ	J	QTANC0101AWZZ	J	Antenna, Terminal	AF
CD MECHANISM PARTS						
SW4	QSW-F9001AWZZ	J	QSW-F9001AW01	J	Switch, Push Type [Pickup In]	AD
CABINET PARTS						
201	92LCAB2450AS1	J	92LCAB2899AS1	J	Front Panel Ass'y	AS
201-1	—————		—————		Front Panel (Not Replacement Item)	—
•201-2	HDECQ0248AWSA	J	Same as CD-C401H	J	Panel, Display	AK
202	GiTAR0245AWSA	J	GiTAR0365AWSA	J	Back Board	AF
203	GiTAS0035AWSA	J	GiTAS0035AWSB	J	Side Panel, Left	AG
204	GiTAS0036AWSA	J	GiTAS0036AWSB	J	Side Panel, Right	AG
205	GCAB-1046AWSA	J	GCAB-1046AWSB	J	Top Cabinet	AP
206	GCöVA1148AWSA	J	GCöVA1148AWSB	J	Cover, CD Tray	AE
209	JBTN-0106AWSA	J	JBTN-0106AWSC	J	Button, Record [Tape 1]	AD
210	JBTN-0104AWSA	J	JBTN-0104AWSC	J	Button, Play [Tape 1]	AD
211	JBTN-0107AWSA	J	JBTN-0107AWSC	J	Button, Rew [Tape 1]	AD
212	JBTN-0103AWSA	J	JBTN-0103AWSC	J	Button, FF [Tape 1]	AD
213	JBTN-0108AWSA	J	JBTN-0108AWSC	J	Button, Stop [Tape 1]	AD
214	JBTN-0105AWSA	J	JBTN-0105AWSC	J	Button, P Lay [Tape 2]	AD
217	JBTN-0109AWSA	J	JBTN-0109AWSC	J	Button, Stop [Tape 2]	AD
248	92LMEC2448CTS1	J	92LMEC2899CTS1	J	Cassette Holder Ass'y, Tape 1	AL
248-1	—————		—————		Cassette Holder , Tape 1(Not Replacement Item)	—
•248-2	HDECQ0206AWSA	J	Same as CD-C401H	J	Panel, Cassette, Tape 1	AD
249	92LMEC2448CTS2	J	92LMEC2899CTS2	J	Cassette Holder Ass'y, Tape 2	AL
249-1	—————		—————		Cassette Holder , Tape 2(Not Replacement Item)	—
•249-2	HDECQ0207AWSA	J	Same as CD-C401H	J	Panel, Cassette, Tape 2	AD
267	—————		92LMECHA2899A	J	Tape Mechanism Ass'y	BP
267-1	—————		92LM-BELT1651B	J	FR Belt	AB
267-2	—————		92LMBELT1658A1	J	Drive Belt [Tape 1]	AC
267-3	—————		92LMBELT1658B1	J	Drive Belt [Tape 2]	AC
267-4	—————		92LM-EH1658A	J	Head, Erase	AG
267-5	—————		92LM-PRA1651A	J	Pinch Roller Ass'y	AE
267-6	—————		92LM-PRH1746A	J	Head, Record/Playback	AM
267-7(M601)	—————		RMöTM0004AWM1	J	Tape Motor with Pulley [Tape]	AR
267-8(SW605)	—————		92LM-SW1491A	J	Switch, Leaf Type [Tape 1 Main]	AE
267-9(SW606)	—————		92LM-SW1491A	J	Switch, Leaf Type [Tape 2 Main]	AE
267-10(SW607)	—————		92LM-SW1658A	J	Switch, Leaf Type [Tape 1 Rec.]	AB
•267-11(SW608)	—————		92LM-SW1658A	J	Switch, Leaf Type [Tape 2 Play]	AB
ACCESSORIES/PACKING PARTS						
3	SPAKC0539AWZZ	J	SPAKC0676AWSA	J	Packing Case	
6	TiNSE0169AWZZ	J	TiNSE0223AWZZ	J	Operation Manual	AD
9	92LCARD1751A	J	TGAN-3170UMZZ	J	Registration Card	AE
11	RRMCG0103AWSA	J	RRMCG0150AWSA	J	Remote Control	AS
•11-1	92LLiD1782A	J	Same as CD-C401H	J	Battery Lid, Remote Control	AQ
12	Not uesd		TLABE0233AWZZ	J	Label, Bar Code	AB

★ MARK: SPARE PARTS-DELIVERY SECTION

DIFFERENCE BETWEEN CP-C402 AND CP-C401E

REF. NO.	PART NO. ★	★	PART NO. ★	DESCRIPTION	CODE
	CP-C402		CP-C401E		
SPEAKER BOX PARTS					
701	92L121-0099	J	92L121-0148	Net Frame Ass'y	AS
702	92L051-0034	J	92L051-0061	Speaker Box Ass'y	AW
703	92L316-0026	J	92L316-0063	Duct Panel	AF
706	92L351-0170	J	92L351-0308	Label, Specifications	AD

★ MARK: SPARE PARTS-DELIVERY SECTION

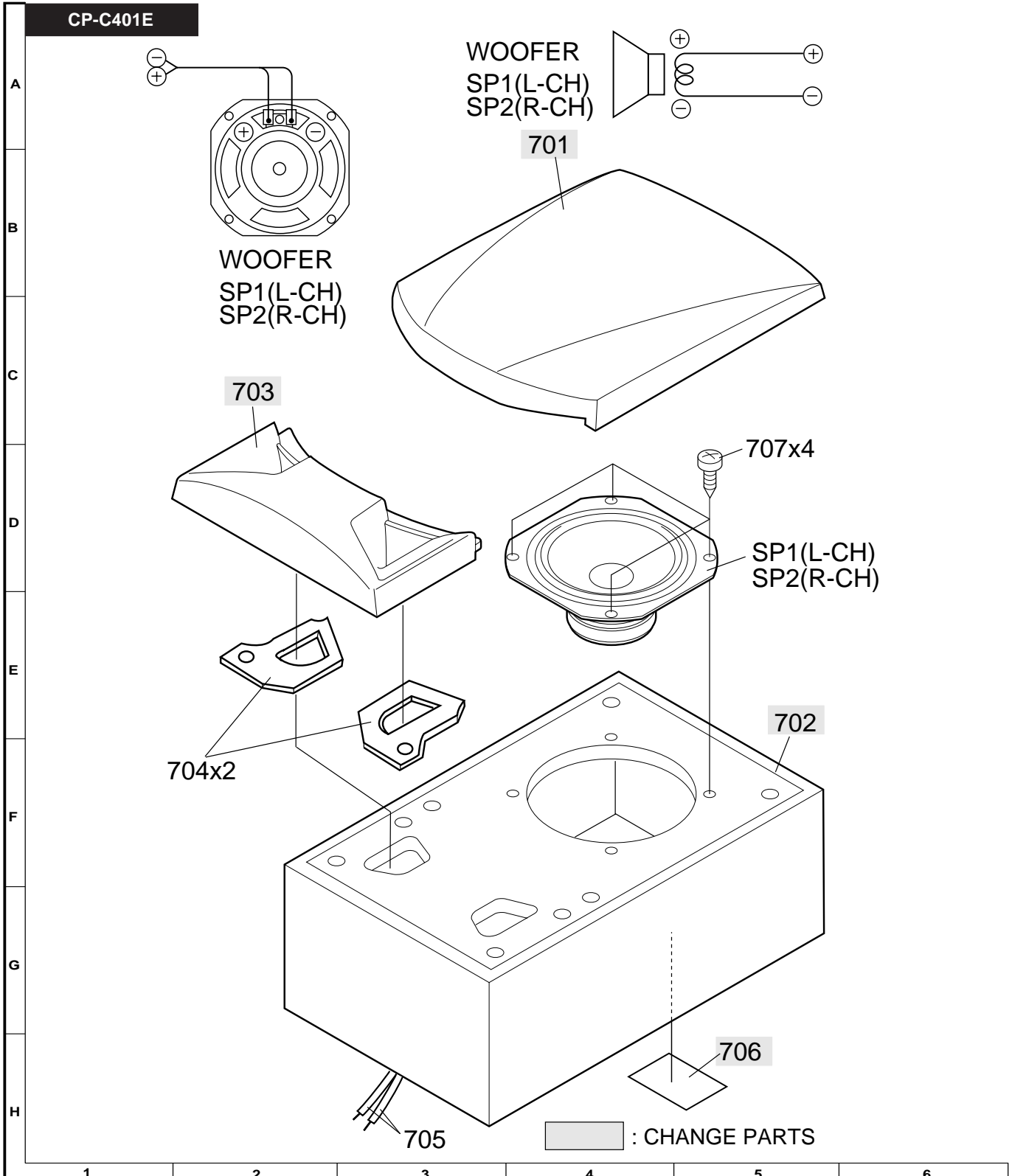


Figure 3 SPEAKER EXPLODED VIEW

CD-C401E,CP-C401E

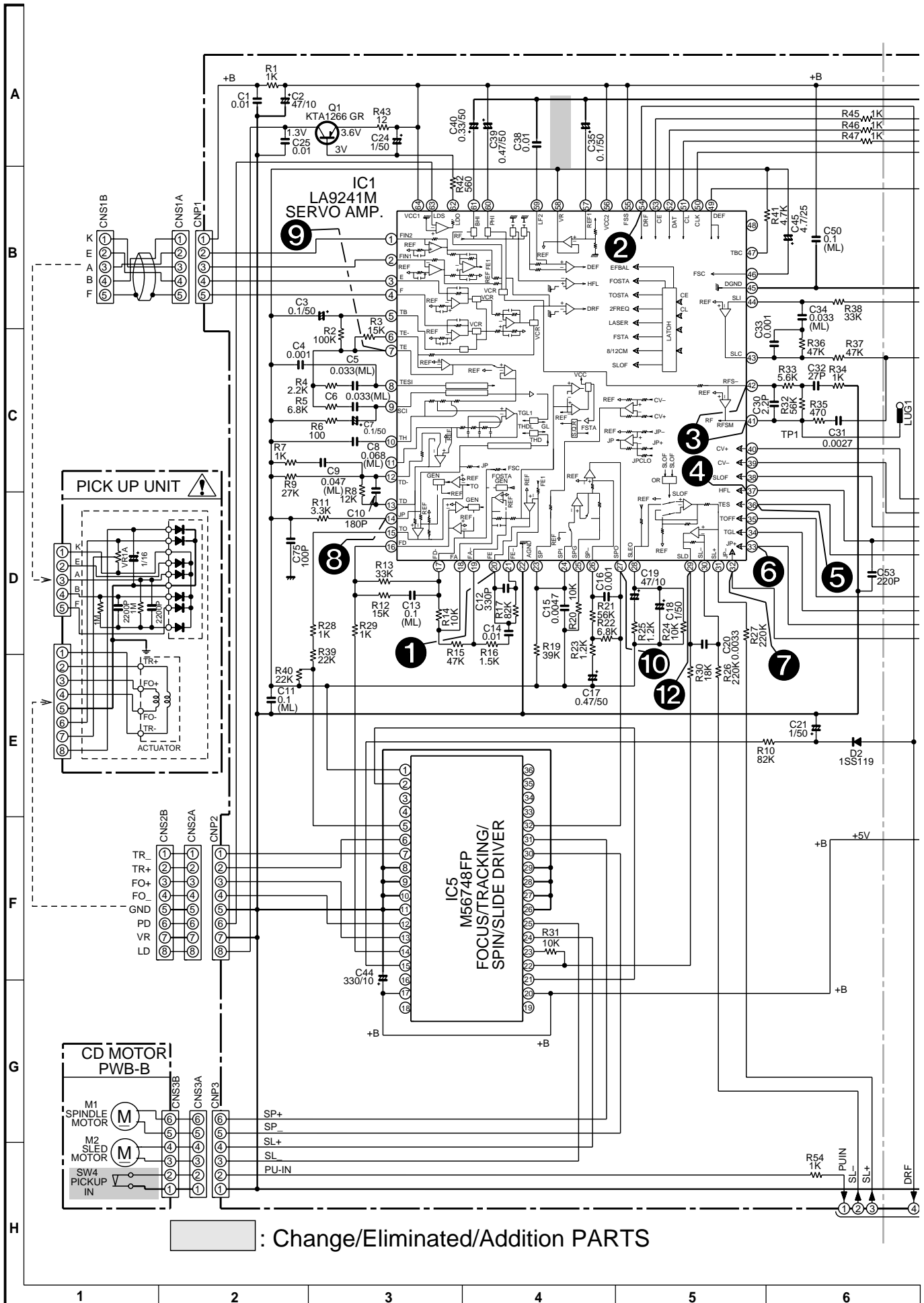


Figure 4 SCHEMATIC DIAGRAM (1/9)

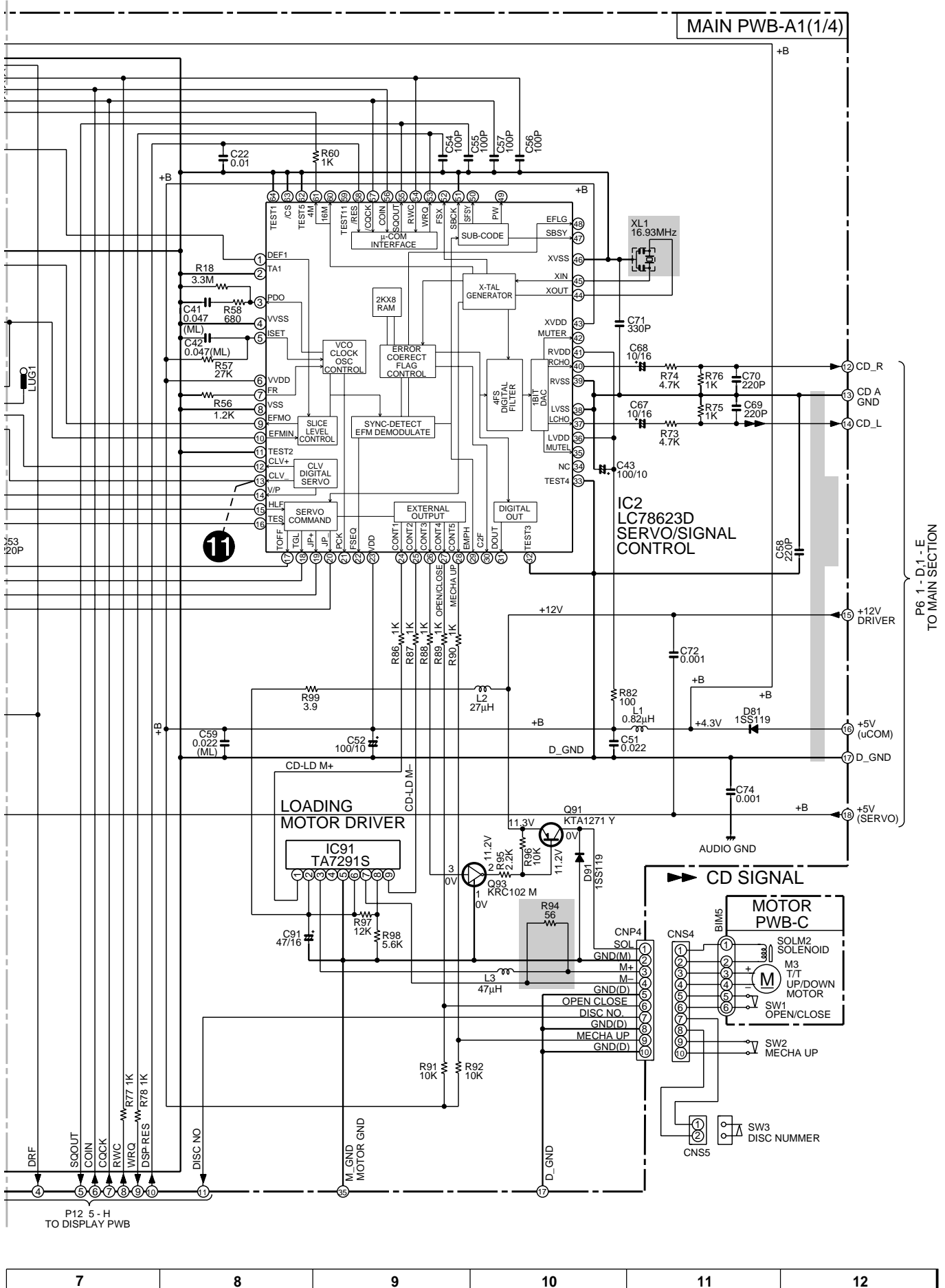


Figure 5 SCHEMATIC DIAGRAM (2/9)

CD-C401E,CP-C401E

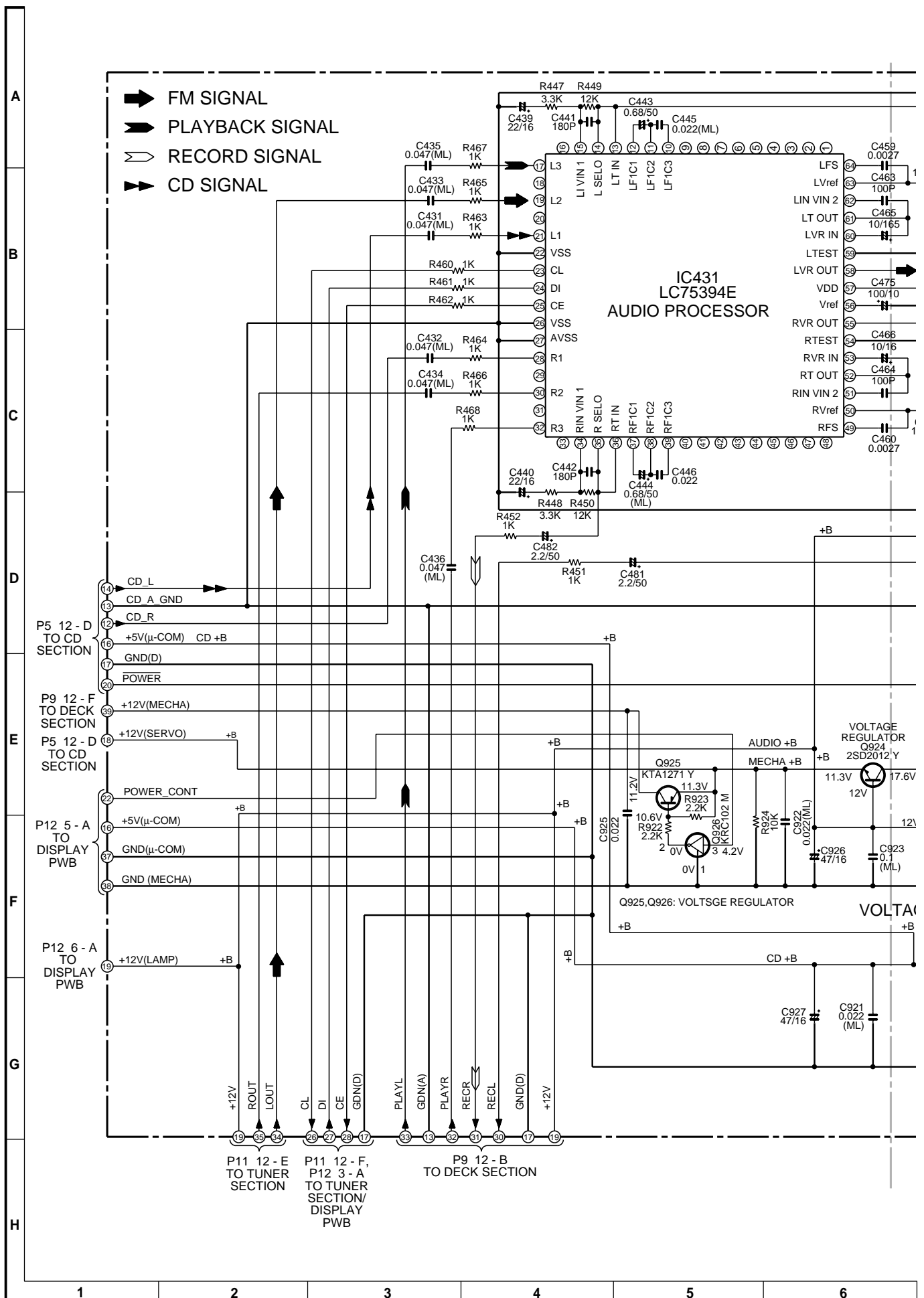
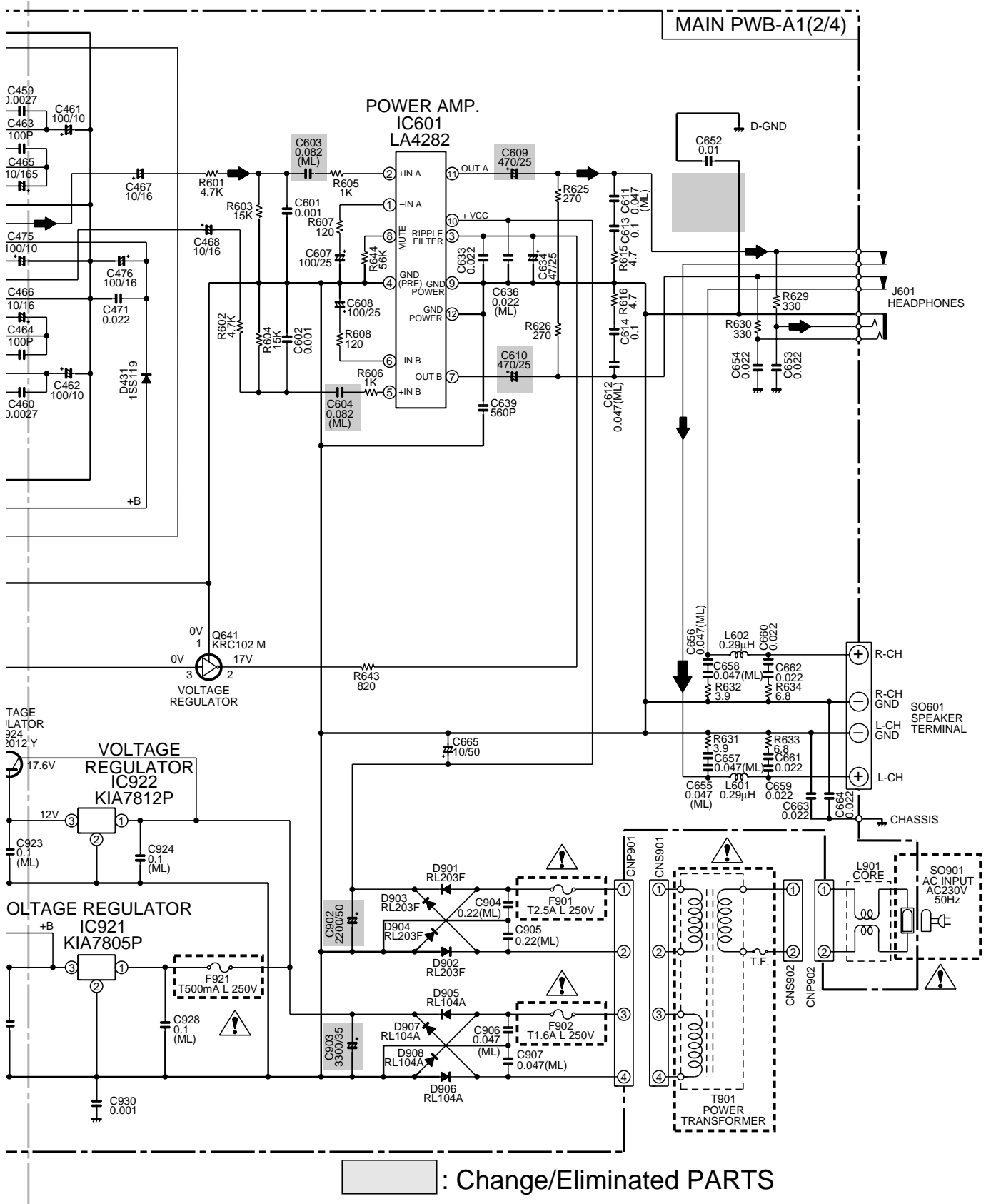


Figure 6 SCHEMATIC DIAGRAM (3/9)



7	8	9	10	11	12
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Figure 7 SCHEMATIC DIAGRAM (4/9)

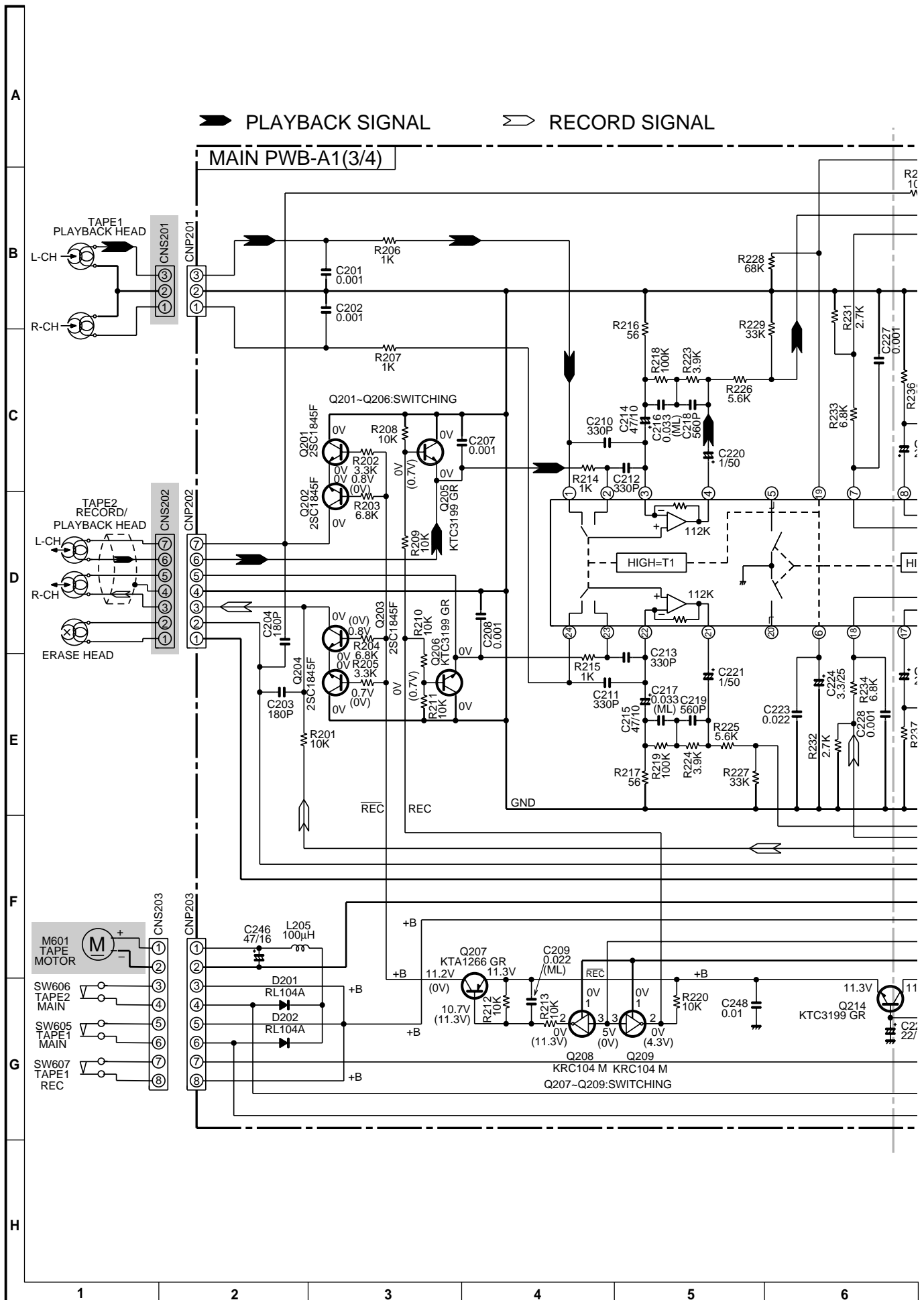
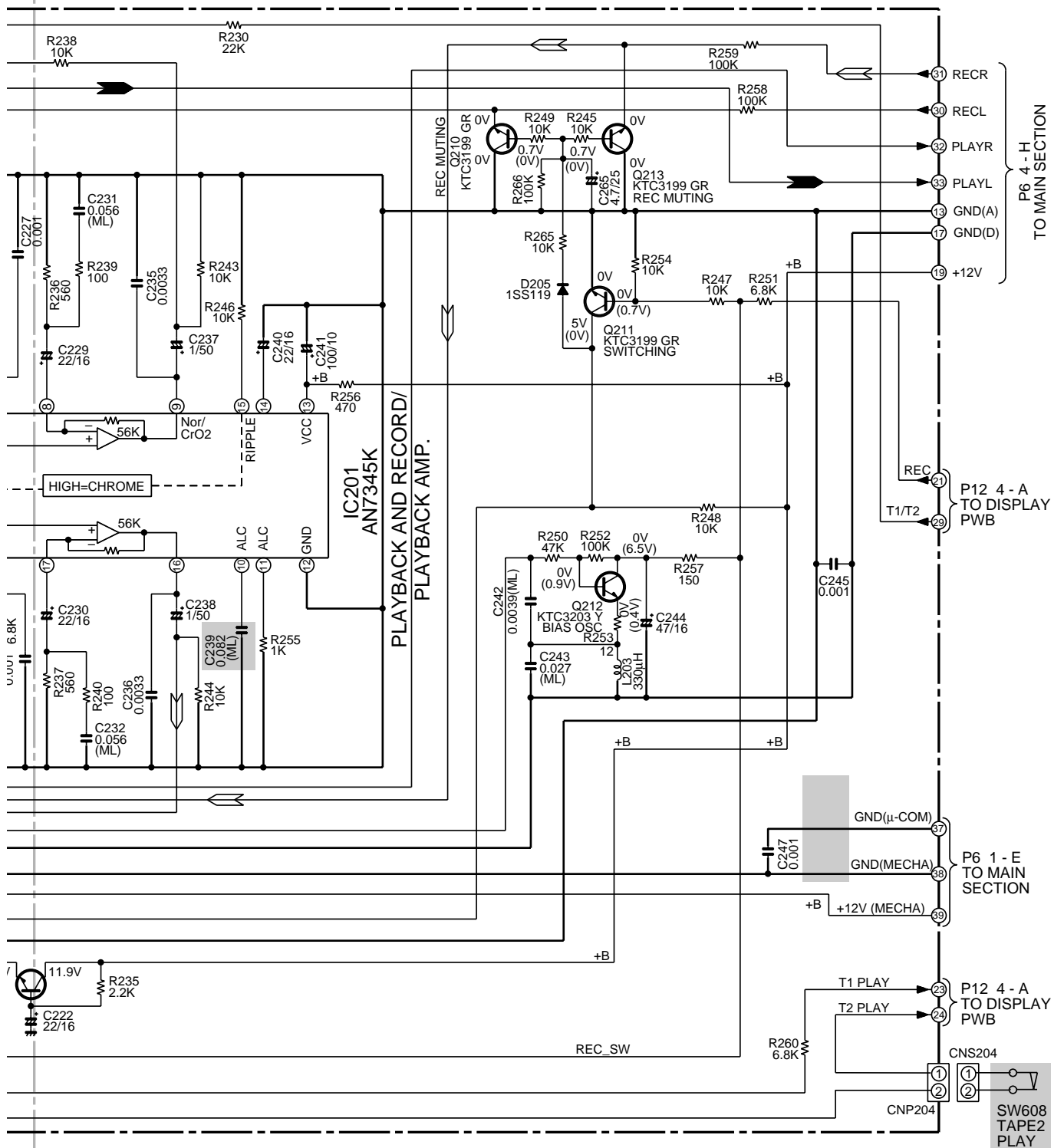


Figure 8 SCHEMATIC DIAGRAM (5/9)



: Change/Eliminated PARTS

7	8	9	10	11	12
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Figure 9 SCHEMATIC DIAGRAM (6/9)

CD-C401E,CP-C401E

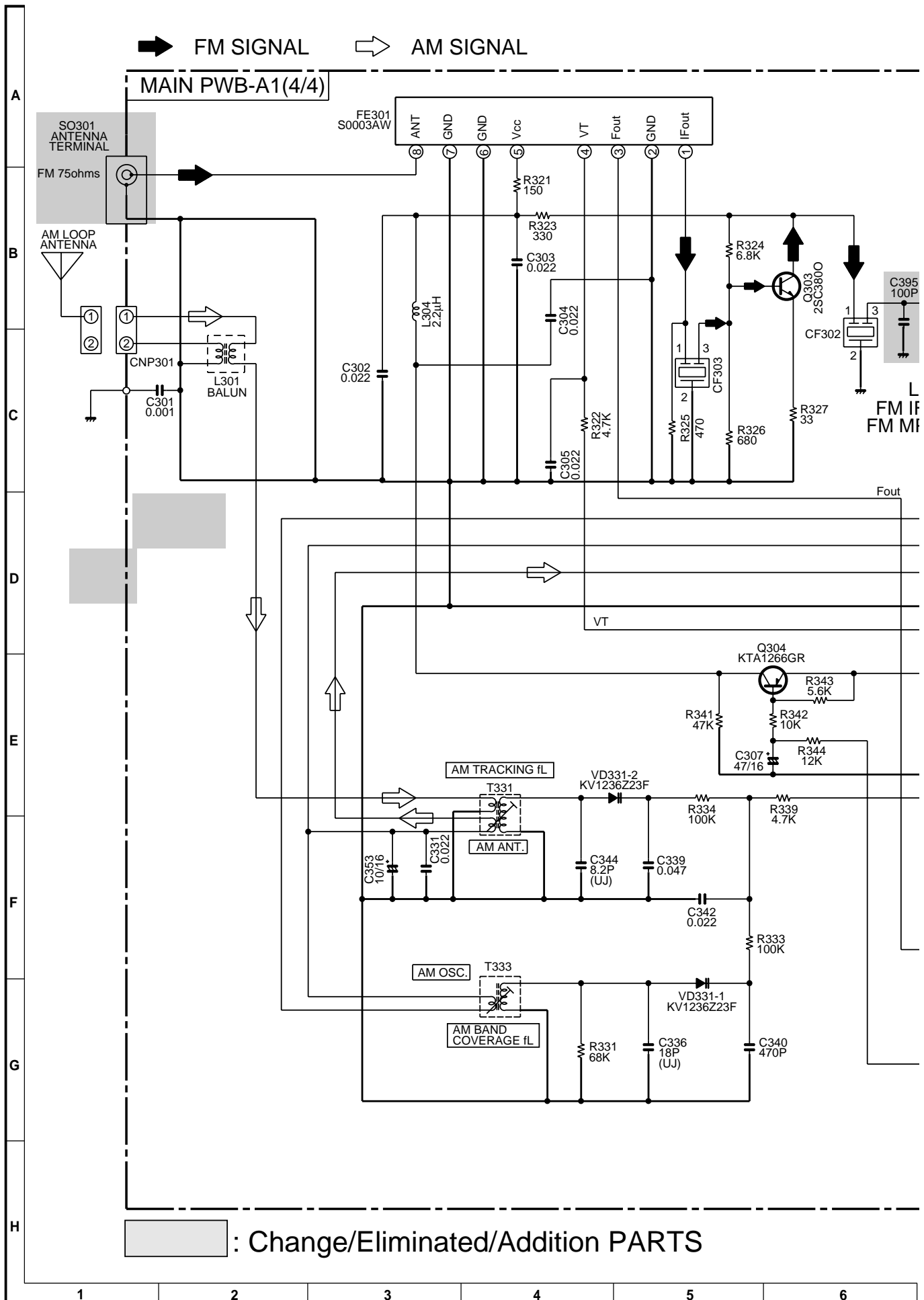


Figure 10 SCHEMATIC DIAGRAM (7/9)

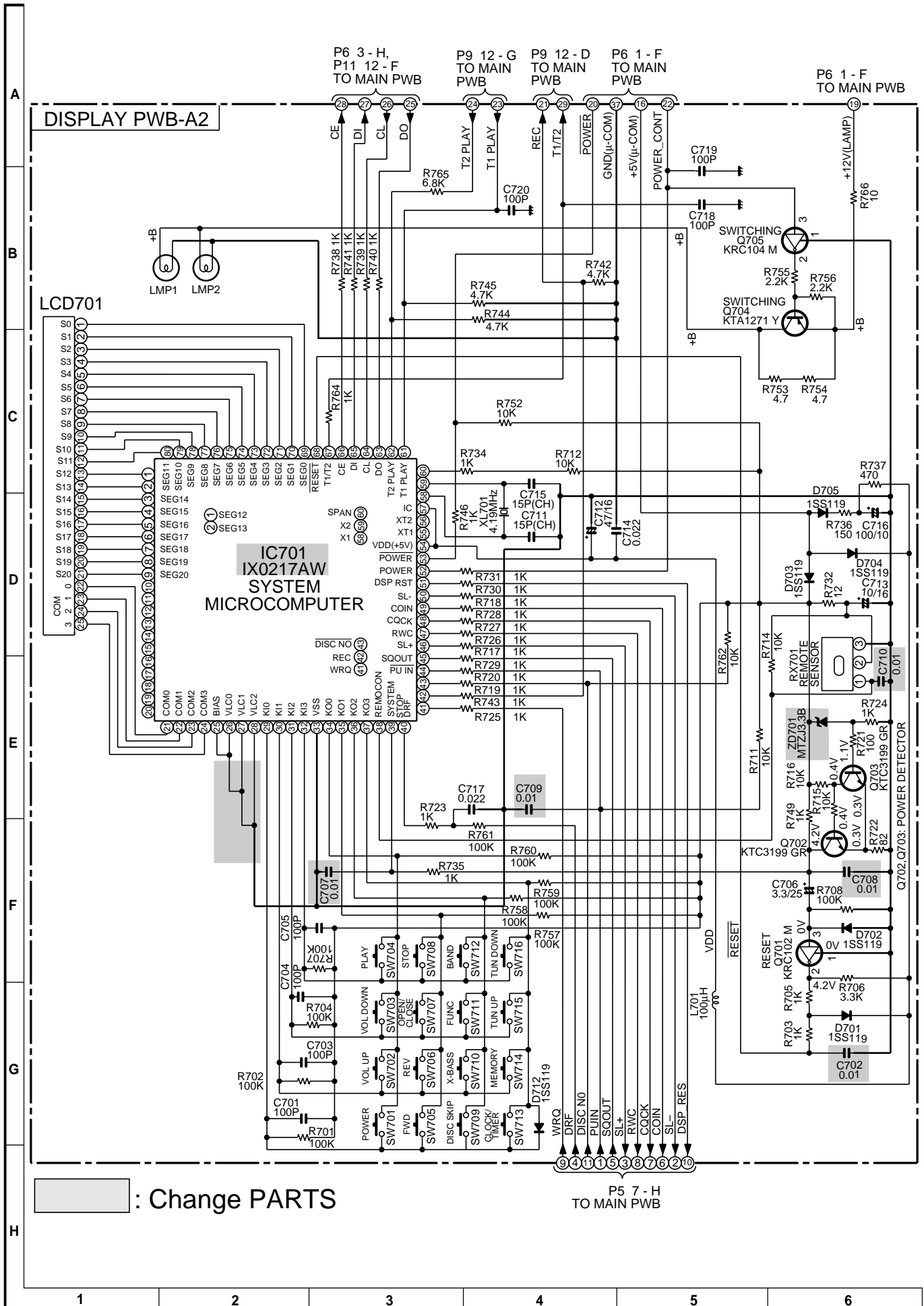


Figure 12 SCHEMATIC DIAGRAM (9/9)

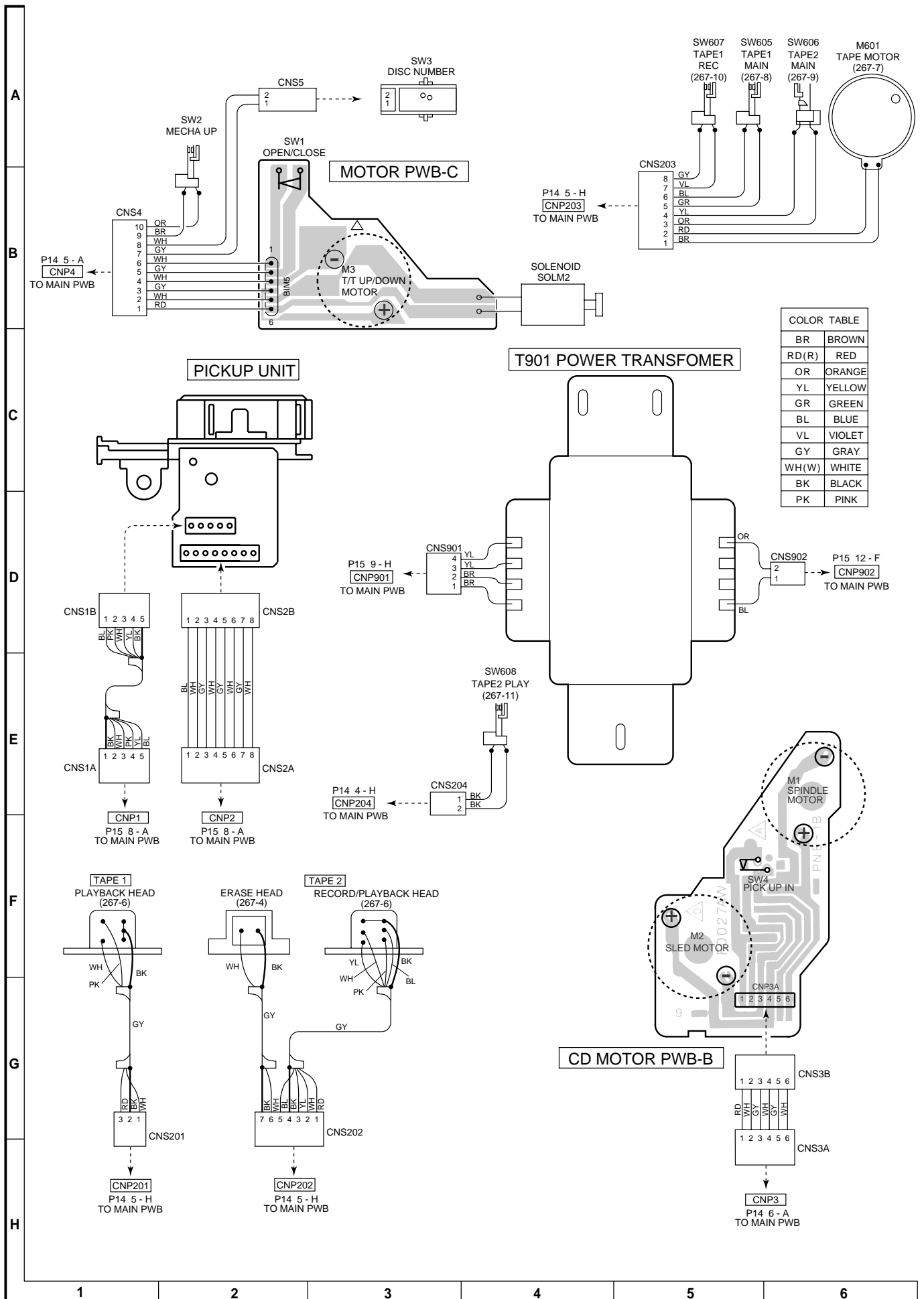


Figure 13 WIRING SIDE OF P.W.BOARD (1/3)

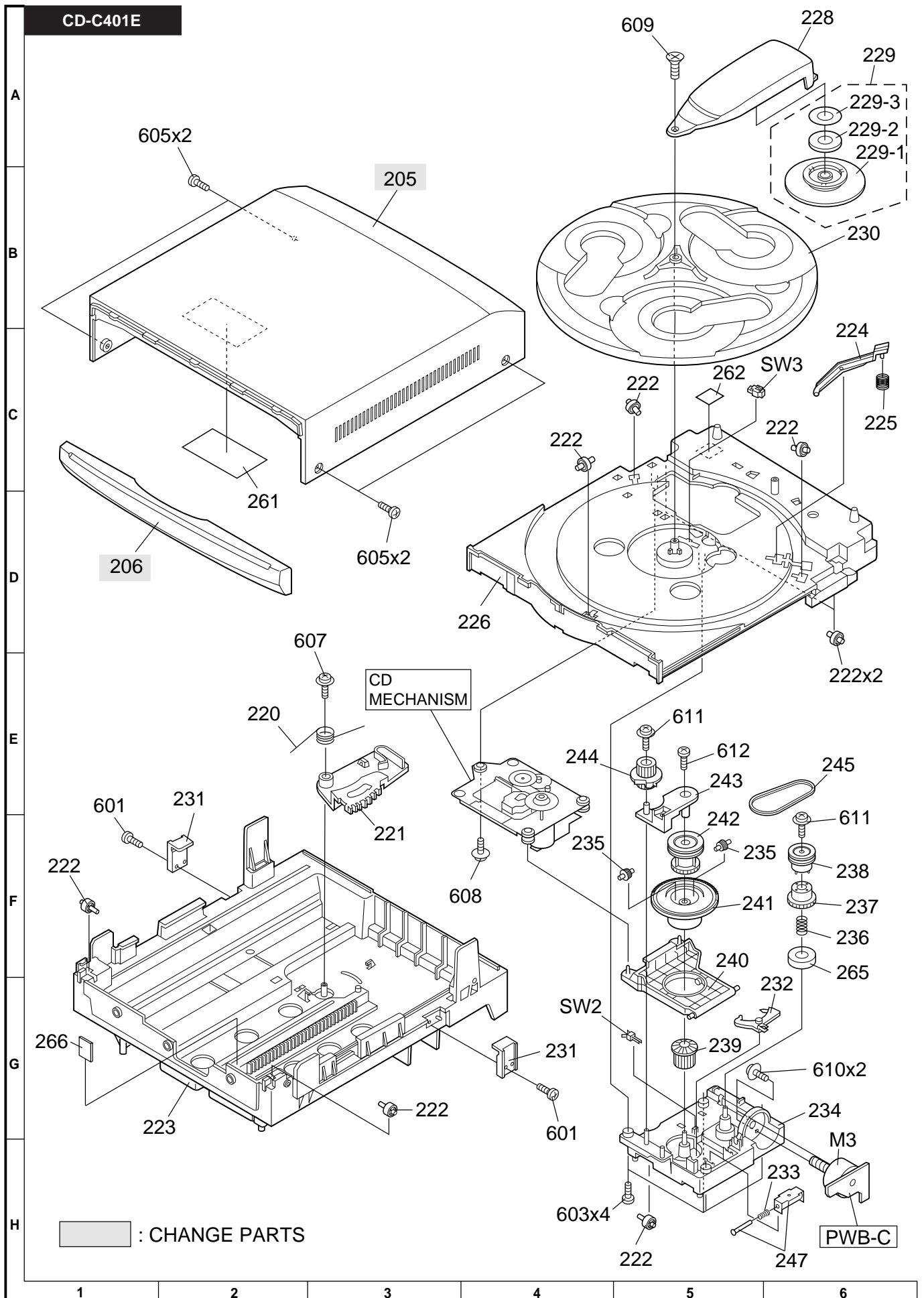


Figure 17 CABINET EXPLODED (2/2)

PACKING OF THE SET

CD-C401E

1. Polyethylene Bag, Unit
2. Packing Add., Left/Right
3. Packing Case
4. Polyethylene Bag, Accessories
5. AM Loop Antenna
6. Operation Manual
7. FM Antenna
8. Polyethylene Bag, AC Power Supply Cord
9. Registration Card
10. AC Power Supply Cord
11. Remote Control
12. Label, Bar Code

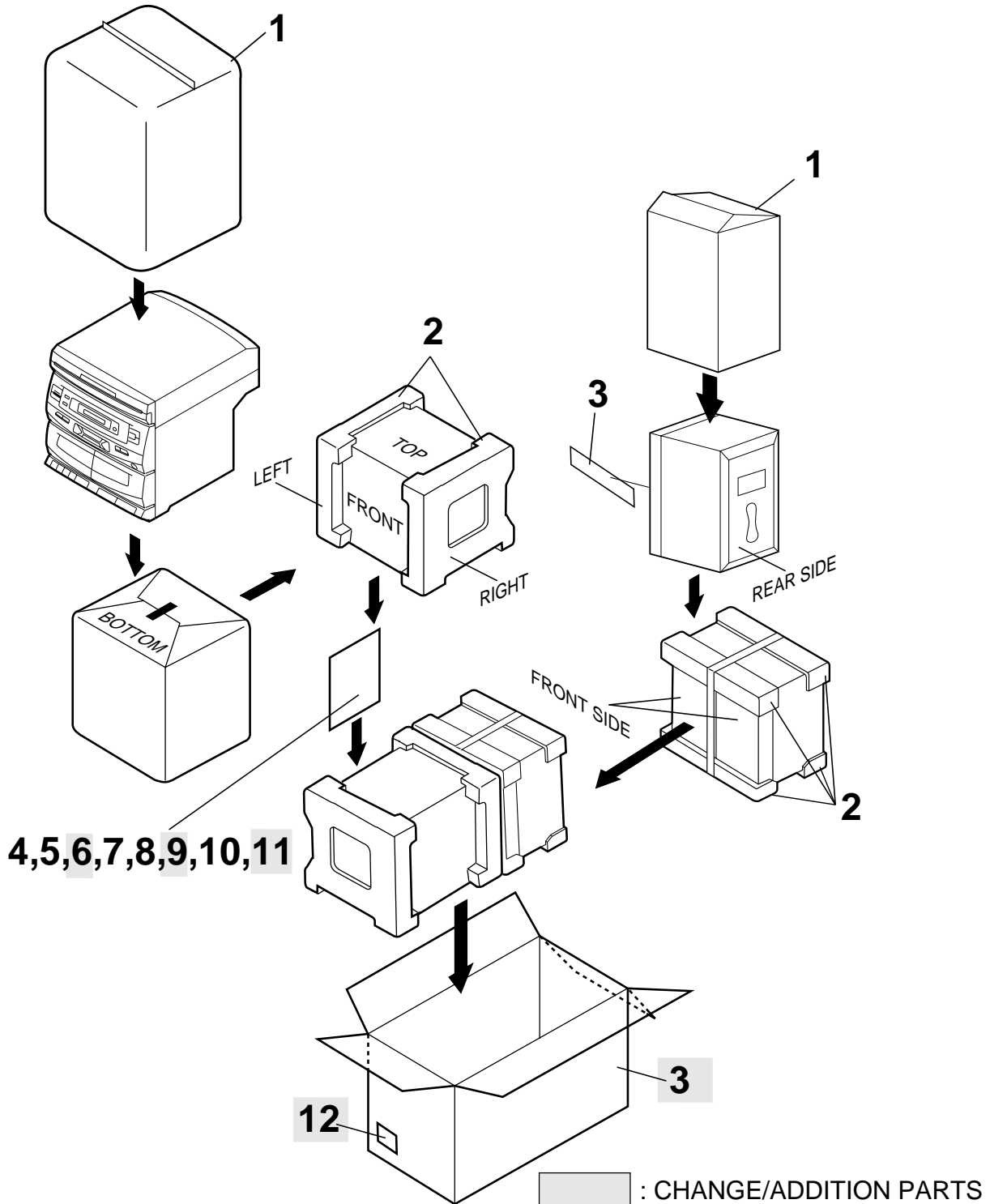
- SPAKP0013AWZZ1
- SPAKA0135AWZZ
- SPAKC0676AWZZ
- 92LBAG1460C1
- QANTL0005AWZZ
- TiNSE0223AWZZ
- 92LF-ANT1535A
- 92LBAG1770A
- TGAN-3170UMZZ
- QACCB0004AW00
- RRMCG0150AWSA
- TLABE0233AWZZ

Setting position of switches and knobs

Tape Mechanism	STOP
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CP-C401E

1. Polyethylene Bag, Speaker 92L411-0019
2. Packing Add., Speaker (Top/Bottom) 92L412-0072
3. Feature Label, Speaker 92L353-0056



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