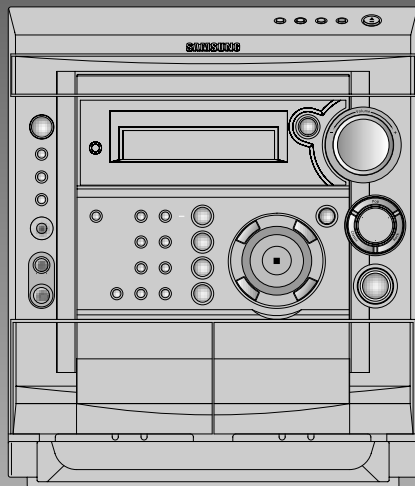


SAMSUNG

**3 CD CHANGER
MINI MINI COMPONENT
MAX-S520/S520G
MAX-S530/S530G
MAX-ZS530**

SERVICE *Manual*

MIMI MIMI COMPONENT SYSTEM



CONTENTS

1. Alignment and Adjustments
2. Exploded Views and Parts List
3. Electrical Parts List
4. Block Diagrams
5. PCB Diagrams
6. Wiring Diagram
7. Schematic Diagrams

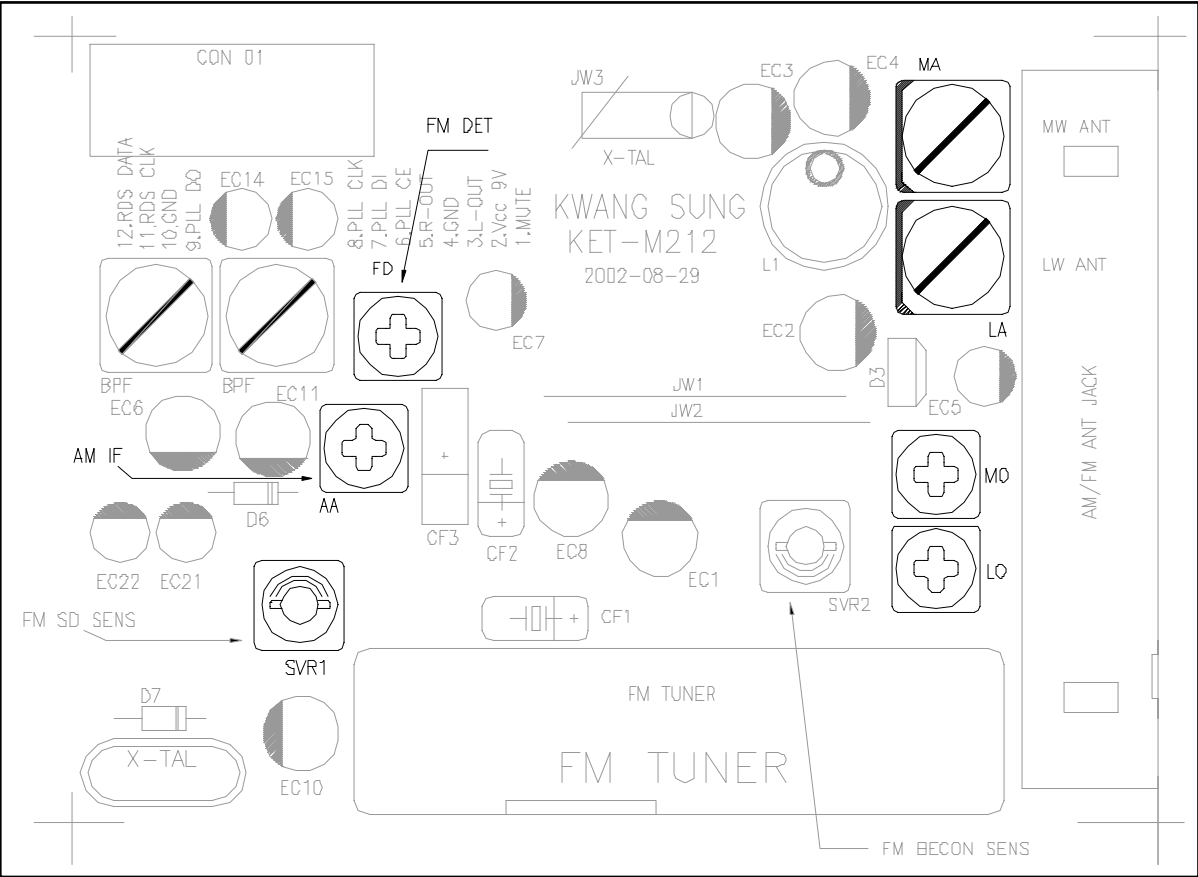
- Confidential -



ELECTRONICS

1. Alignment and Adjustments

1-1. Tuner



* Adjustment Location of Tuner PCB

ITEAM	AM(MW) OSC Adjustment	AM(MW) RF Adjustment	LW OSC Adjustment	LW RF Adjustment
Received FREQ.	522~1611 KHz	594 KHz	146~290 KHz	150 KHz
Adjustment point	MO	MA	LO	LA
Output	1~7.0±0.5V	Maximum Output(Fig1-4)	2~7.0±0.5V	Maximum Output(Fig1-4)

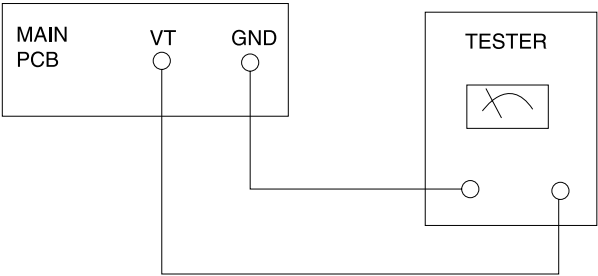


Fig 1-4 OSC Voltage

FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (FM DET)	FM DETECTOR COIL
Output	60 dB
Minimum Distortion (0.4% below) (Figure 1-1)	

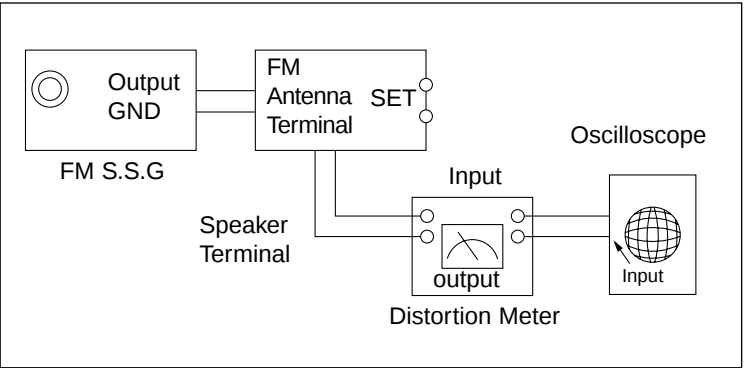


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (SVR1)	BEACON SENSITIVITY SEMI-VR(10KΩ)
Output	28 dB(±2dB)
Adjust SVR1 (Figure 1-2)	

*Adjust FM S.S.G level to 28dB

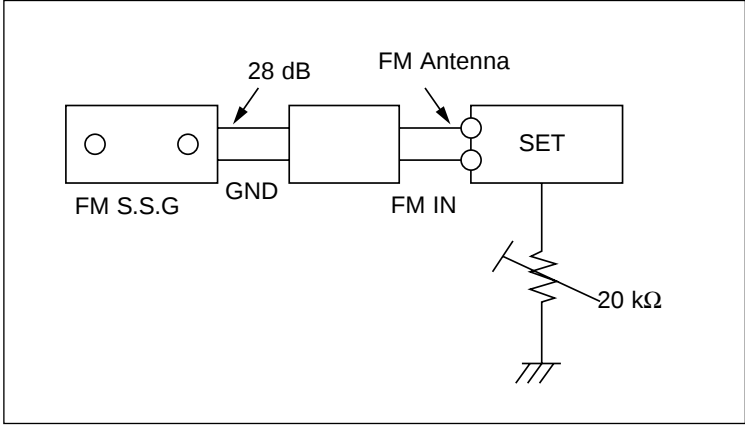


Figure1-2 FM Auto Search Level Adjustment

AM(MW) I.F Adjustment	
SSG FREQ.	450 kHz
Frequency	522 kHz
Adjustment point	AM IF
Maximum output (Figure 1-3)	

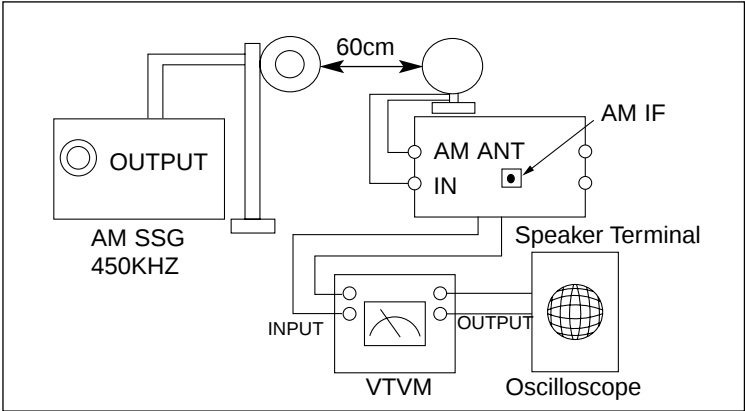


Figure1-3 AM I.F Adjustment

Alignment and Adjustments

1-1-2 AM(MW),LW,SW1,SW2 Adjustment

Circuit to be Adjusted		Measuring Instrument & Arrangement	Step	S.S.G Frequency	Radio dial Setting	Adjusting Point	Adjust for
AM (MW)	OSC	Connect AM signal generator to loop antenna,VTVM AND oscilloscope (Fig 1-3)	1	522KHz	522KHz	MW OSC	Adjust for 1.0V±0.1V at the low. (IR117)
			2	1611KHz	1611KHz	MW OSC	Check for 7.0V±1.0V at the high. (IR117)
	RF	“	1	594KHz	594KHz	MW ANT	Maximum out
	INTER FREQ	“	1	455KHz	522KHz	TL2	Maximum out
LW	OSC	Fig 1-3	1		146KHz	LW OSC	Adjust for 2.0V±0.1V at the low.
			2		290KHz	LW OSC	Check for 7.0V±1.0V at the high.
	RF		1	150KHz	150KHz	LW ANT	Maximum out
SW1	OSC	Fig 1-3	1		2.3MHz	SW1 OSC	Adjust for 1.0V±0.1V at the low.
			2		7.3MHz	-	Check for 8.5V±1.0V at the high.
	RF		1	3.5MHz	3.5MHz	SW1 ANT	Maximum out
SW2	OSC	Fig 1-3	1		9.5MHz	SW2 OSC	Adjust for 1.5V±0.1V at the low.
			2		26.1MHz	-	Check for 8.0V±1.0V at the high.
	RF		1	10MHz	10MHz	SW2 ANT	Maximum out

2. Cassette Deck

2-1. To Adjust Tape Speed

Notes

1) Measuring tape: i) MTT-111 (or equivalent)
(Tapes recorded with 3kHz)
ii) MTT-5512 (or equivalent)

2) Connect the SPK OUT of the MAIN PCB to the frequency counter as in figure 1-5.

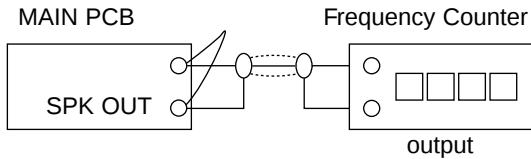


Figure 1-5

Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	NOR SPEED Control	SPK OUT (connected to the frequency counter)	1) Deck 1:MTT-111 2) Press PLAY SW button 3) Deck 2:Same as above	Turn VSR1 to left and right (FRONT PCB)	3KHz	±1% range

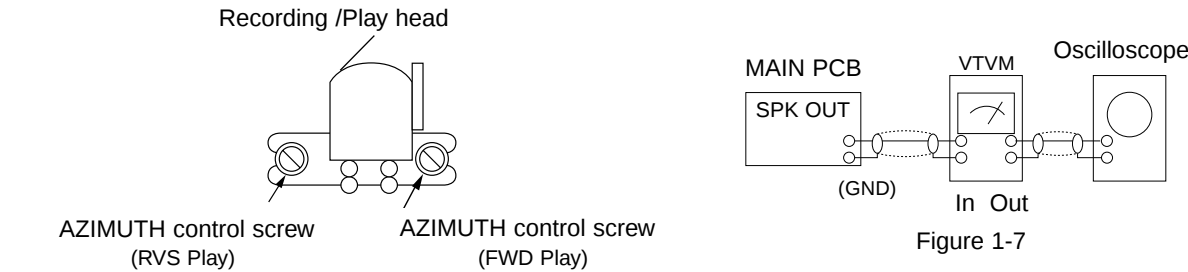


Figure 1-6

Figure 1-7

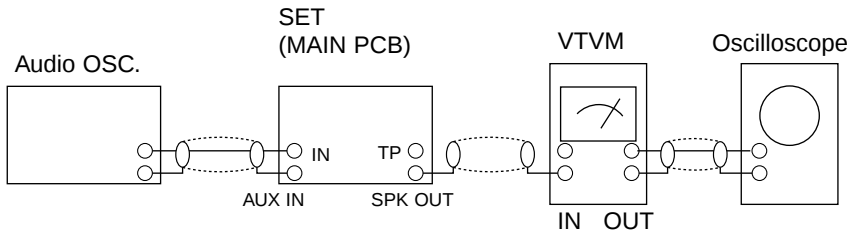


Figure 1-8

2-2. To Adjust PlayBack Level/REC

Notes

1) Before the actual adjustment, clean the play/recording head.

2) Measuring tape :
i) MTT-114N(or equivalent 10kHz AZIMUTH control)
ii) MTT-5512

3) The cassette deck is connections as shown in figure 1-7.

1. Adjust Deck 1 Play Level

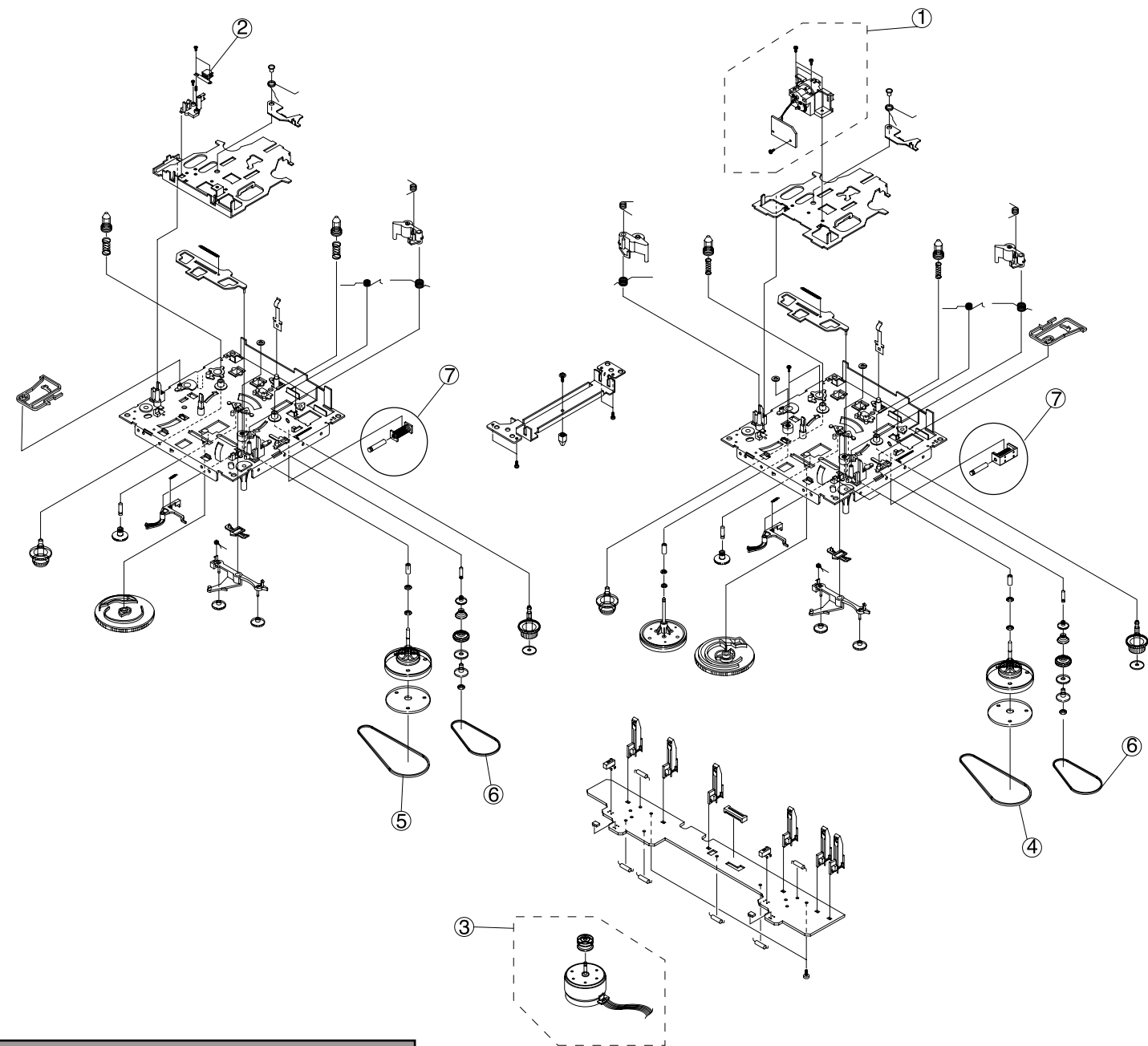
Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	AZIMUTH	SPK OUT (VTVM is connected to the scope)	After putting MTT-114N into Deck 1 - Press FWD PLAY button.	- Turn the control screw to as shown in Figure 1-6.	Max output and same phase (both channels)	After adjustment secure it with REGION LOCK.

2. Adjust Deck 2 Play Level/ REC BIAS

Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	AZIMUTH	SPK OUT (VTVM is connected to the scope)	After putting MTT-114N into Deck 2 - Press FWD PLAY button.	- Turn the control screw to as shown in Figure 1-6.	MAX OUTPUT and same phase (both channels)	After adjustment secure it with REGION LOCK.
2	Recording Bias Voltage	Fig 1-8	After putting MTT-5512 into Deck 2 1) Press REC PLAY button. 2) TAPE PCB JCW3 ,connected to VTVM	- Turn JSR2L,JSR2R to the right and left	CHECK TO 7mV(±0.5mV)	

2.Exploded Views and Parts List

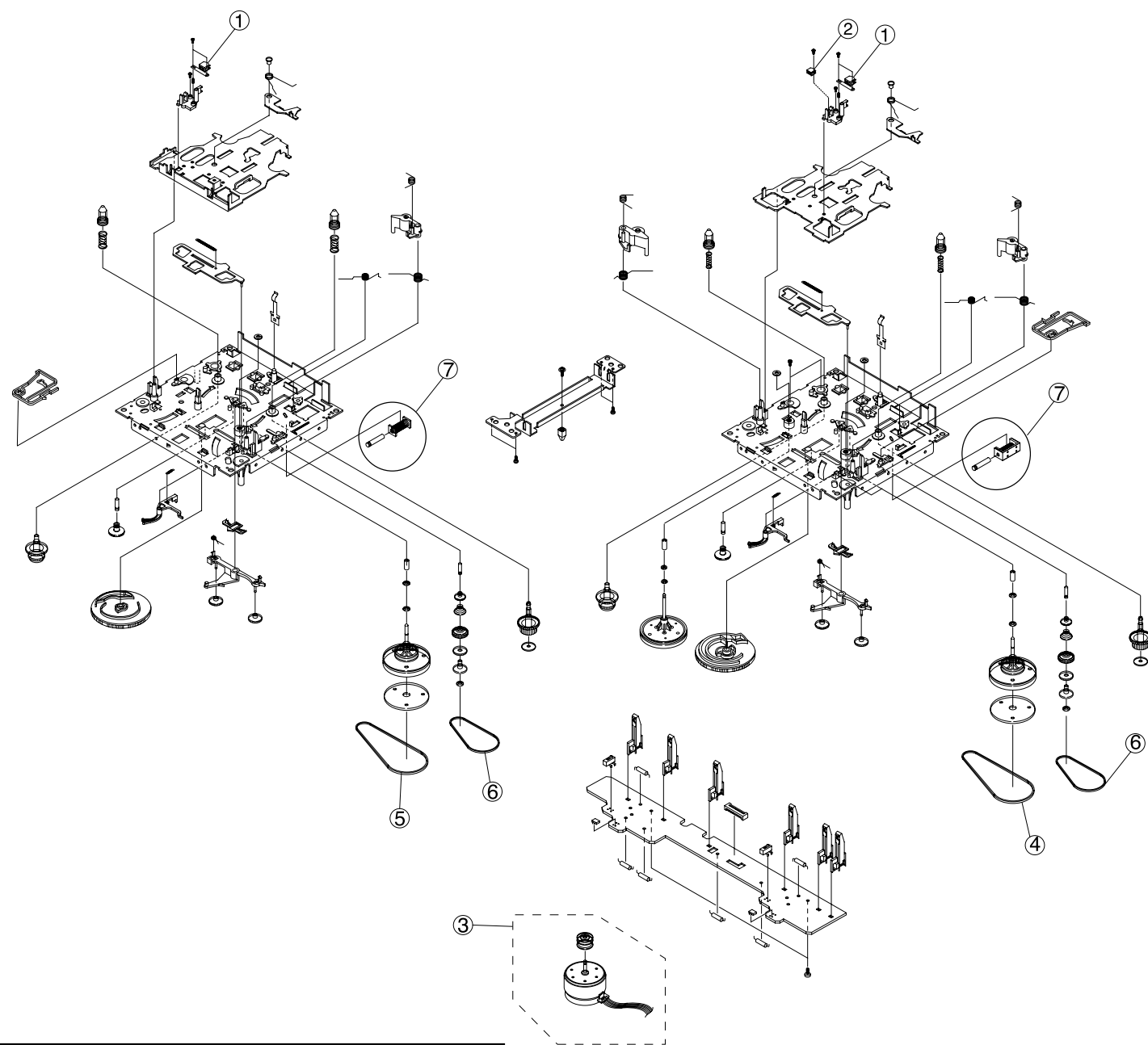
2-1 Cassette Deck :ADR268FTW(OPTION)



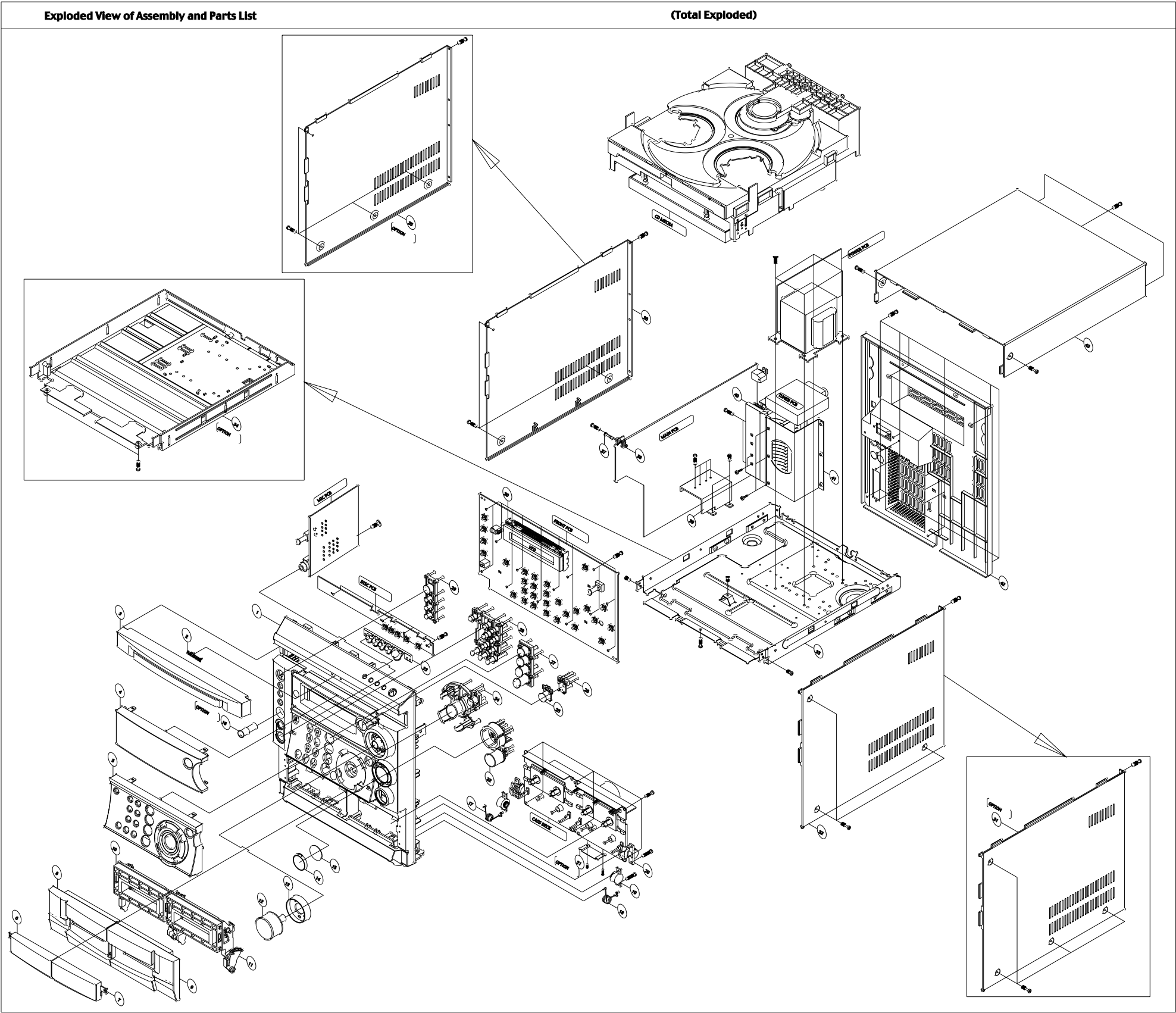
No.	Code No.	Description	Specification	Remarks
	AH59-01145A	DECK-CASSETTE	ADR268FTW	
1	AH81-00368A	ASS.Y RP HEAD	ADR2400-RP(SANKYO)	MT91-11010T
2	AH81-00141B	HEAD PB	MK10P-SS2N3	MT59-00041V
3	AH81-00363A	ASS,Y MOTOR	ADR2400-SHU2L	MT91-15012J
4	AH81-00364A	BELT MAIN1	ADR2400-MAIN 0.5	6602-001056
5	AH81-00365A	BELT MAIN2	ADR2400-MAIN 1.25	6602-001010
6	AH81-00101A	BELT SUB	ADR2400-FR	6602-001055
7	AH81-00102A	SOLENOID	ADR2400-1(20Ω)	MT75-00049A

2.Exploded Views and Parts List

2-2 Cassette Deck :ADR268DSW1-1(Optional)



No.	Code No.	Description	Specification	Remarks
	AH59-01144A	DECK-CASSETTE	ADR268DSW1-1	
1	AH81-01031A	HEAD 1WAY	T21V1CAA	MT59-K0015A
2	AH81-01032A	HEAD ERASE	DZLE15B-C1	MT59-K0009A
3	AH81-00363A	ASS,Y MOTOR	ADR2400-SHU2L	MT91-15012J
4	AH81-00364A	BELT MAIN1	ADR2400-MAIN 0.5	6602-001056
5	AH81-00365A	BELT MAIN2	ADR2400-MAIN 1.25	6602-001010
6	AH81-00101A	BELT SUB	ADR2400-FR	6602-001055
7	AH81-00102A	SOLENOID	ADR2400-1(20Ω)	MT75-00049A

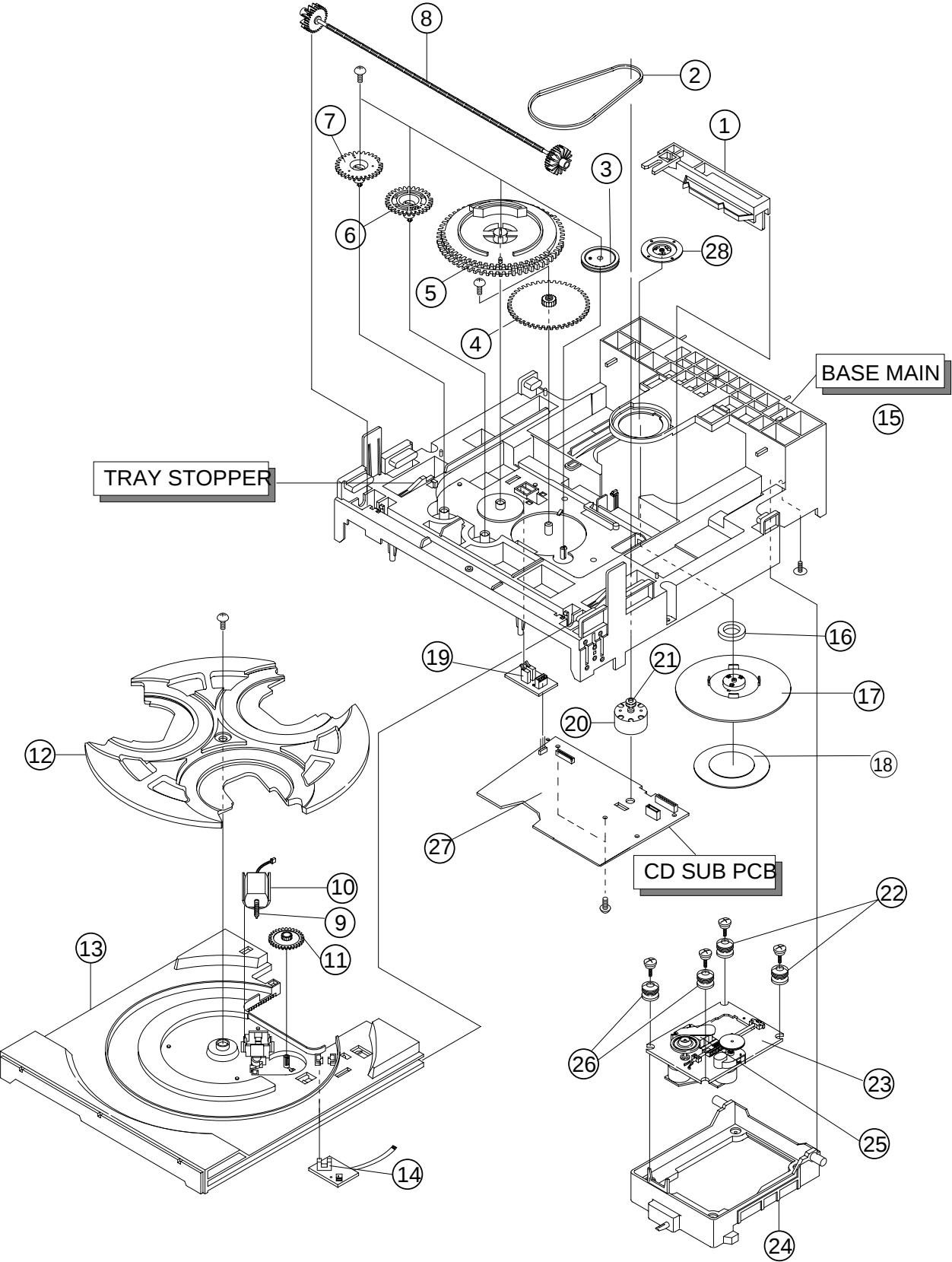


Parts List of Exploded view(MAX-S520/S530/ZS530/VS530) 2003.02.20

No.	Code No.	Description;Specification	Q'ty	Use Model
1	AH64-02280B	CABINET-FRONT;MIPS L/GRAY	1	SILVER COLOR (WITHIN MIC)
	AH64-02280C	CABINET-FRONT;MIPS L/GRAY	1	SILVER COLOR (WITHIN RDS)
	AH64-02280D	CABINET-FRONT;MIPS L/GRAY	1	SILVER COLOR (NO RDS & MIC)
	AH64-02280E	CABINET-FRONT;MIPS DARK GRAY	1	DARK COLOR (WITHIN MIC)
	AH64-02280F	CABINET-FRONT;MIPS DARK GRAY	1	DARK COLOR (WITHIN RDS)
2	AH64-70003K	BADGE-BRAND,35mm,ABS,SILVER.	1	COMMON
3	AH64-02286B	DOOR-CD;ABS L/GRAY	1	MAX-S520/S530 (SILVER COLOR)
	AH64-02286C	DOOR-CD;ABS DARK GRAY	1	MAX-ZS530 (DARK COLOR)
	AH64-02286D	DOOR-CD;ABS DARK GRAY	1	MAX-VS530 (DARK COLOR)
	AH64-02286E	DOOR-CD;ABS DARK GRAY	1	MAX-S520G/S530G (DARK COLOR)
4	AH64-02285B	WINDOW-VFD;PMMA DARK BLUE	1	MAX-S520
	AH64-02285C	WINDOW-VFD;PMMA DARK BLUE	1	MAX-S530
	AH64-02285D	WINDOW-VFD;PMMA DARK BLUE	1	MQ-S520
	AH64-02285E	WINDOW-VFD;PMMA DARK BLUE	1	MQ-S530
	AH64-02285F	WINDOW-VFD;PMMA DARK BLUE	1	MAX-ZS530
	AH64-02285G	WINDOW-VFD;PMMA DARK BLUE	1	MAX-VS530
	AH64-02285H	WINDOW-VFD;PMMA DARK BLUE	1	MQ-S525
	AH64-02285J	WINDOW-VFD;PMMA DARK BLUE	1	MAX-S520G
5	AH61-01266B	CAP-FRONT;MIPS L/GRAY	1	AUTO STOP (SILVER COLOR)
	AH61-01266C	CAP-FRONT;MIPS L/GRAY	1	AUTO REVERSE (SILVER COLOR)
	AH61-01266D	CAP-FRONT;MIPS L/GRAY	1	AUTO STOP,MP3 (SILVER COLOR)
	AH61-01266E	CAP-FRONT;MIPS L/GRAY	1	AUTO REVERSE,MP3(SILVER COLOR)
6	AH64-02283B	WINDOW-CASS,A;PMMA DARK BLUE	1	COMMON
7	AH64-02284B	WINDOW-CASS,B;PMMA DARK BLUE	1	AUTO REVERSE
	AH64-02284C	WINDOW-CASS,B;PMMA DARK BLUE	1	AUTO STOP
8	AH64-02281B	DOOR-CASS,A;ABS L/GRAY	1	COMMON (SILVER COLOR)
	AH64-02281C	DOOR-CASS,A;ABS DARK GRAY	1	MAX-ZS530/VS530 (DARK COLOR)
9	AH64-02282B	DOOR-CASS,B;ABS L/GRAY	1	COMMON (SILVER COLOR)
	AH64-02282C	DOOR-CASS,B;ABS DARK GRAY	1	MAX-ZS530/VS530 (DARK COLOR)
10	AH61-01264A	HOLDER-CASS,A;ABS L/GRAY	1	COMMON (SILVER COLOR)
	AH61-01264B	HOLDER-CASS,A;ABS DARK GRAY	1	MAX-ZS530/VS530 (DARK COLOR)
11	AH61-01265A	HOLDER-CASS,B;ABS L/GRAY	1	COMMON (SILVER COLOR)
	AH61-01265B	HOLDER-CASS,B;ABS DARK GRAY	1	MAX-ZS530/VS530 (DARK COLOR)
12	AH64-02293B	KNOB-VOLUME;ABS L/GRAY	1	COMMON
13	AH64-02295B	DECO-VOLUME;PMMA BLUE	1	COMMON
14	AH64-02296B	DECO-EQ;PMMA BLUE	1	COMMON
15	AH63-00510A	SHEET-EQ;3M DOUBLE-FACE TAPE	1	COMMON
16	AH64-02289B	KNOB-MIC,VOL;ABS L/GRAY	1	COMMON----NO EUR----(OPTION)
17	AH61-00552A	SPRING-EJECT,A;STS 1.0	1	COMMON
18	AH61-00553A	SPRING-EJECT,B;STS 1.0	1	COMMON
19	AH61-80030A	DAMPER-ASS'Y	2	COMMON
20	AH95-50001A	LATCH-ASS'Y	2	COMMON
21	AH61-00413B	BRACKET-DECK;SPT 0.3T	1	AUTO REVERSE TAPE DECK----(OPTION)
22	AH64-02294B	KNOB-EQ;ABS L/GRAY	1	COMMON
	AH64-02294C	KNOB-EQ;ABS L/GRAY	1	LATIN BUYER
23	AH64-02287B	KNOB-CD,OPEN;ABS L/GRAY	1	COMMON
24	AH64-02292B	KNOB-STOP;ABS L/GRAY	1	COMMON
25	AH67-00206B	LENS-P,SOUND;PMMA ORANGE	1	COMMON
26	AH61-01267A	HOLDER-P,SOUND;ABS WHITE	1	COMMON
27	AH64-02291B	KNOB-FUNCTION;ABS BLUE HF3370	1	COMMON
	AH64-02291C	KNOB-FUNCTION;ABS BLUE HF3370	1	MAX-VS530
28	AH64-02290B	KNOB-DEMO;ABS L/GRAY	1	COMMON
29	AH64-02288B	KNOB-POWER;ABS L/GRAY	1	COMMON
30	AH61-00603A	HOLDER-VFD;ABS BLACK	1	COMMON
31	AH64-30445D	CABINET-SIDE,R;HIPS M/GRAY	1	S520------(OPTION)
	AH64-30445F	CABINET-SIDE,R;HIPS DARK GRAY	1	S520G------(OPTION)
32	AH64-00432B	CABINET-SIDE,R;HIPS M/GRAY	1	S530------(OPTION)
	AH64-00432F	CABINET-SIDE,R;HIPS DARK GRAY	1	ZS530/VS530------(OPTION)
33	AH64-30416D	CABINET-BOTTOM;SECC 10,T	1	S530/ZS530/VS530-----(OPTION)
34	AH64-30442A	CABINET-BOTTOM;HIPS M/GRAY	1	S520------(OPTION)

No.	Code No.	Description;Specification	Q'ty	Use Model
35	AH64-30444D	CABINET-SIDE,L;HIPS M/GRAY	1	S520------(OPTION)
	AH64-30444F	CABINET-SIDE,L;HIPS DARK GRAY	1	S520G------(OPTION)
36	AH64-00431B	CABINET-SIDE,L;HIPS M/GRAY	1	S530------(OPTION)
	AH64-00431G	CABINET-SIDE,L;HIPS DARK GRAY	1	ZS530/VS530------(OPTION)
37	AH61-00021B	SUPPORT-PCB;ABS BLACK	1	COMMON
38	AH61-40014A	SUPPORT-RIVER;ABS BLACK ASS'Y	1	COMMON
39	AH62-00042B	HEAT-SINK,TR;AL 3.0	1	S530/ZS530/VS530-----(OPTION)
40	AH62-00023D	HEAT-SINK,MAIN;AL,COVER TYPE	1	S520
	AH62-00023N	HEAT-SINK,MAIN;AL,COVER TYPE	1	S530/ZS530/VS530
41	AH61-00250B	BRACKET-HEAT/SINK;SECC 0.8T	1	S530/ZS530/VS530
	AH61-00250C	BRACKET-HEAT/SINK;SECC 0.8T	1	S520
42	AH64-00591L	CABINET-REAR;HIPS M/GRAY	1	COMMON
	AH64-00591M	CABINET-REAR;HIPS M/GRAY	1	VS530
43	AH64-30443F	CABINET-TOP;HIPS M/GRAY	1	S520/S530
	AH64-30443G	CABINET-TOP;HIPS DARK GRAY	1	S520G/ZS530/VS530

2-3 CD Deck Exploded View and Parts list

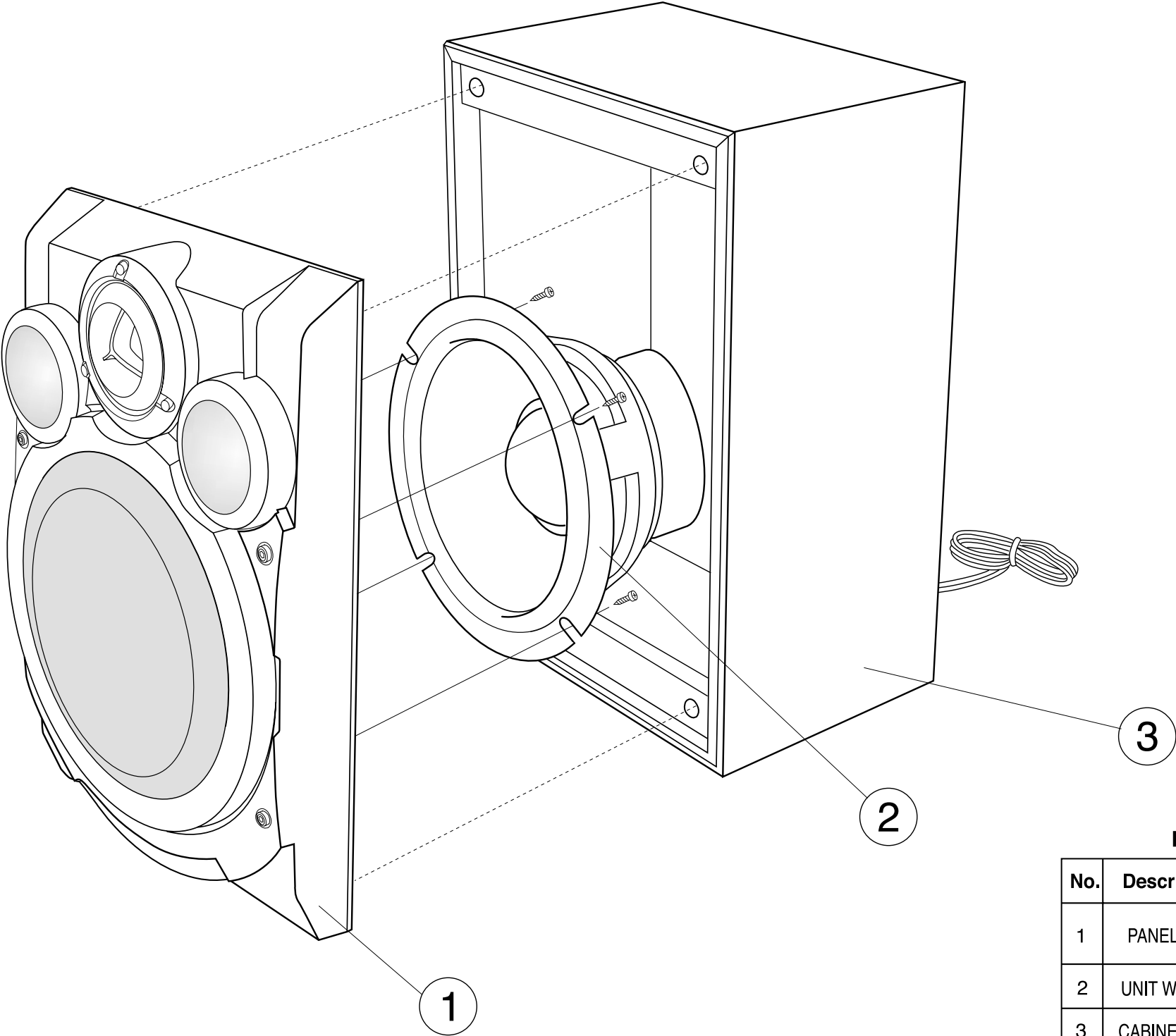


No.	Code No.	Description	Specification	Remarks
	AH97-00162A	ASS'Y-CD MECHA	CMS300-V	
1	AH66-80022A	SLIDER-CAM	ABS HF-380 NTR	
2	AH66-60034A	BELT-LOAD	CR	
3	AH66-20186A	GEAR-PULLEY	POM (M90-44) WHT	
4	AH66-20187A	GEAR-LOAD	POM (M90-44) BLK	
5	AH66-20188B	GEAR-CAM	POM (M90-44) WHT	
6	AH66-20189B	GEAR-TRAY	POM (M90-44) BLK	
7	AH66-20190B	GEAR-CONVERT	POM (M90-44) WHT	
8	AH66-20191A	GEAR-SYNCRO	ABS HF-380 NTR	
9	AH66-20192A	GEAR-WORM	POM(M90-44),M0.5,PCD4.5	
10	AH31-12001A	MOTOR-LOADING	FF-030PN-09120	
11	AH66-20193A	GEAR-ROULLETE	POM(M90-44) BLK	
12	AH63-00324A	TRAY-ROULLETE	ABS XR-401 BLK	
13	AH63-00325A	TRAY-DISC	ABS BLK	
14	AH32-10001F	SENSOR	KPI-L06	
15	AH61-00837A	BASE-MAIN	ABS,NATURAL,CMS-300	
16	3302-000159	MAGNET	AC,3500-3800G,2.6-3.2MGOe,30	
17	AH63-90053A	TABLE-CHUCK	,ABS,+GF20%,BLK,	
18	AH63-00068B	SHEET-CHUCK	SHEET,HYMERON,BLK,0.4T	
19	3405-000101	SWITCH -MICRO	MLS-24	
20	AH31-10021A	MOTOR-DC	RF-500TB,9VDC/130MA	
21	AH66-10008A	PULLEY-MOTOR	POM,BLK,CMS-CR3	
22	AH73-10031A	RUBBER-CD(R)	SI,CMS-300,40,RED	
23	AH91-60150C	CDP DECK ASSY	CMS-D73SG6U	
24	AH66-30098A	LEVER-LIFTER	ABS BLK CMS-300	
25	AH30-00007A	PICK-UP	SOH-AD3	
26	AH73-10034A	RUBBER-CD(G)	SI,CMS-300,40,GREEN	
27	AH92-00922A	ASS'Y PCB CD MAIN		
28	AH61-00225A	BRKT-CHUCK	SECL 0.8t	

2-4 SPEAKER Exploded View and Parts list

2-4-1 MAX-S520

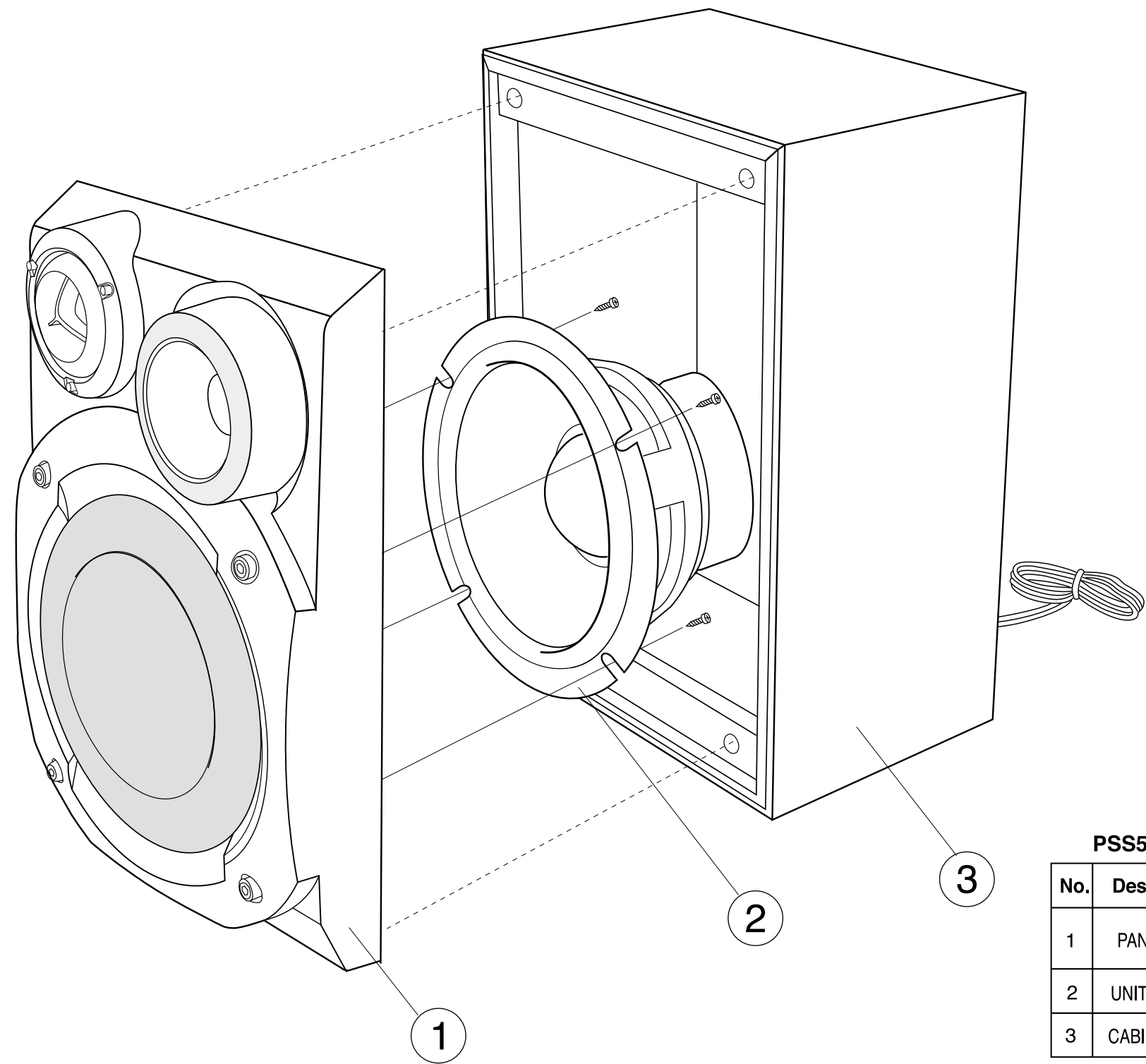
* CAUTION : It is used the bonding, connet NET FRAME(or FRONT PANEL ASS'Y) to CABINET ASS'Y.
So when the disassembly, take extreme care not to damage the SPEAKER.



PSS520E/H : AH81-00907A

No.	Description	Specification	Code No.	Q'TY
1	PANEL ASS'Y	PANEL+DUCT+ PIEZO+P/GRILLE	AH81-00907B	1
2	UNIT WOOFER	5 1/4"	AH81-00907D	1
3	CABINET ASS'Y	PB 9t	AH81-00907E	1

* CAUTION : It is used the bonding, connet NET FRAME(or FRONT PANEL ASS'Y) to CABINET ASS'Y.
So when the disassembly, take extreme care not to damage the SPEAKER.



PSS530E/H, PSZS530E/H : AH81-00908A

No.	Description	Specification	Code No.	Q'TY
1	PANEL ASS'Y	PANEL+P/GRILLE +PIEZO+DUCT	AH81-00908C	1
2	UNIT WOOFER	5 1/4"	AH81-00908F	1
3	CABINET ASS'Y	PB 9t	AH81-00908G	1

3. Electrical Parts List

Location no	Code no.	Description	Specification	Remarks	Location no	Code no.	Description	Specification	Remarks
	AH26-00225A	TRANS POWER,-,MAX-SS30,-,230/115V,-,,-		BASIC(EXP),MAX-(Z)SS30	R133	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012		
	AH26-00225B	TRANS POWER,-,MAX-SS30,-,220/110V,-,,-		KOREA,MAX-(Z)SS30	R108	2007-000308	R-CHIP;10OHM,5%,1/10W,DA,TP,2012		
	AH26-00225E	TRANS POWER,-,MAX-SS30,-,127V/60Hz		MEXICO,MAX-(Z)SS30	R125	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012		
	AH26-00239A	TRANS POWER,-,MAX-SS30,-,230/115V,-,,-		BASIC(EXP),MAX-SS20	R124	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012		
	AH26-00239B	TRANS POWER,-,MAX-SS20,-,220/110V,-,,-		KOREA,MAX-SS20	R110	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012		
	AH26-00239C	TRANS POWER,-,MAX-SS20,-,127V/60Hz		MEXICO,MAX-SS20	R121	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012		
	AH39-00257A	POWER CORD;CP2,250V,2.5A,1830MM		CP2(VDE)	R113	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012		
	AH39-00258Q	POWER CORD;BS,250V,2.5A,1830MM		BS(U.K)	R206	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH39-00257D	POWER CORD;KS,250V,2.5A,1830MM		KS(KOREA)	R205	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH39-00258H	POWER CORD;UL/CSA,125V,10A,1830MM		EP2(UL/CSA)	R204	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH39-00258H	POWER CORD;IRAM,AP2,125V,10A,1830MM		AP2(ARGENTINA)	R208	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH39-00258B	POWER CORD;SAA,AP2,125V,17.5A,1830MM		AP2(AUSTRALIA)	R209	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH39-00320C	CBF COAXIAL CABLE;MAX-L68,110REC,-,1007#		COMMON	R804	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH42-20001P	ANT LOOP,-,KS971120-01,18.5UH#10%, -		COMMON	R811	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH59-00162A	DECK;CMS300-V		COMMON	R806	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH59-00134E	REMOCON-ASSY;SAMSUNG,-,27KEY,		MAX-SS20/530,COMMON	R805	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH59-00134F	REMOCON-ASSY;SAMSUNG,-,27KEY,		MAX-SS20/530,LATIN	R207	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012		
	AH59-00134G	REMOCON-ASSY;SAMSUNG,-,27KEY,		MAX-ZSS530,COMMON	R204	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012		
	AH59-01079C	REMOCON-ASSY;SAMSUNG,-,27KEY,		MAX-ZSS30,LATIN	R118	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012		
	AH40-00043A	TUNER-PACK ASSY;FMMW/LW/RDS,FM87.5-108.0MHz		EUROPE(RDS)	R116	2007-000546	R-CHIP;20KOHM,5%,1/10W,DA,TP,2012		
	AH40-00042A	TUNER-PACK ASSY;FMMW/LW/RDS,FM64-108.0MHz		CIS(RDS)	R210	2007-000572	R-CHIP;220KOHM,5%,1/10W,DA,TP,2012		
	AH40-00044A	TUNER-PACK ASSY;FMMW,MW520-1720KHz		ASIA(T-BAND)	R128	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012		
	AH40-00045A	TUNER-PACK ASSY;FMMW/LW/FM64-108.0MHz		CIS(NO RDS)	DR1	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012		
	AH40-00046A	TUNER-PACK ASSY;FMMW/LW/FM87.5-108.0MHz		LW BAND	DR2	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012		
	AH40-00049A	TUNER-PACK ASSY;FMMW/SW1/SW2		SW BAND	R813	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012		
	AH97-01099A	ASSY-ASS'Y CA'DECK,-,MAXSS530,		AUTO-STOP TYPE	R129	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012		
	AH39-00022A	LEAD CONNECTOR ASSY;5247#81SHI,EPELDD,			R123	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012		
	AH39-20002D	LEAD CONNECTOR ASSY;5264,-,3P,300MM,2970			R101	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012		
	AH59-01144A	DECK-CASSETTE;ADR268DSW1,A/STOP,-,DC1			R102	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012		
	AH97-01100A	ASSY-CA'DECK,-,MAX-SS20/SS30,ASSY TAPE D		AUTO-REVERSE TYPE	R103	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012		
	6002-000396	SCREW-TAPPING;BH,+2,M2,L5,ZPC(WHT),SWCH			R104	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012		
	AH39-00021A	LEAD CONNECTOR ASSY;UL1533#28,300MM,-,,-			R120	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012		
	AH39-20002D	LEAD CONNECTOR ASSY;5264,-,3P,300MM,2970			R126	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012		
	AH59-01145A	DECK-CASSETTE;ADR268AMW1,A/REV,-,DC1			R115	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012		
	AH92-00922A	ASSY PCB-CD;G3HI-3CD,3.5S		COMMON	R112	2007-001195	R-CHIP;820KOHM,5%,1/10W,DA,TP,2012		
WIC401	1003-001162	IC-MOTOR DRIVER;KA3082,SIP,10PIN,25MIL,D			R105	2007-001208	R-CHIP;82KOHM,5%,1/10W,DA,TP,2012		
WIC402	1003-001162	IC-MOTOR DRIVER;KA3082,SIP,10PIN,25MIL,D			R106	2007-001208	R-CHIP;82KOHM,5%,1/10W,DA,TP,2012		
X201	2802-000211	RESONATOR-CERAMIC;16.93MHz,0.5%,TP10.0x			R119	2007-001208	R-CHIP;82KOHM,5%,1/10W,DA,TP,2012		
CW103	3708-001131	CONNECTOR-FPC/FFC/PC;SP1.25mm,STRAIGHT			R127	2007-001208	R-CHIP;82KOHM,5%,1/10W,DA,TP,2012		
CW101	3708-001252	CONNECTOR-FPC/FFC/PC;16P,1.25mm,STRAIGHT			R107	2007-001216	R-CHIP;820OHM,5%,1/10W,DA,TP,2012		
CW105	3708-001438	CONNECTOR-FPC/FFC/PC;22P,1.25mm,ANGLE,S			R301	2008-000140	R-FUSIBLE;2.2ohm,5%,1/2W,AA,TP,3.5x9.4mm		
CW107	3711-000906	CONNECTOR-HEADER;BOX,3P,1R,2mm,ANGLE,SN			C804	2202-000243	C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3		
CW104	3711-003379	CONNECTOR-HEADER;NOWALL,3P,1R,2.5mm,STRA			C805	2202-000243	C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3		
CW106	AH39-00060A	LEAD CONNECTOR ASSY,-,51015-08,51004-08,			C806	2202-000243	C-CERAMIC,MLC-AXIAL;100pF,5%,50V,SL,TP,3		
CW102	AH39-20561P	LEAD CONNECTOR ASSY,-,52935,PHR,6P,150mm,			C603A	2202-000780	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,V5		
D301	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T			C113	2202-000780	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,V5		
ZD301	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D			C115	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
ZD402	0403-000352	DIODE-ZENER;UZ4.7BM,4.7V,4.4-5.0V,500mW,			C116	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
ZD401	0403-000361	DIODE-ZENER;UZ6.2BS,6.2V,5.99-6.24V,500			C118	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
Q302	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,			C130	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
Q101	0501-000314	TR-SMALL SIGNAL;KS4812,PNP,150mW,SOT-23,			C131	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
Q301	0501-000610	TR-SMALL SIGNAL;KS4928A-Y,PNP,1W,TO-92L,			C132	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
IC201	0904-001524	IC-DSP;SL9290,-,QFP,48P,472MIL,1.6.934			C204	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
IC301	1003-000179	IC-MOTOR DRIVER;KA9258D,SOP28P,-,SINGLE			C205	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
IC101	1204-001799	IC-ASP;K89226,LQFP,48P,393MIL,PLASTIC			C211	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
R117	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3.2mm			C129	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
R810	2001-000331	R-CARBON;12Kohm,5%,1/8W,AA,TP,1.8x3.2mm			C124	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012		
R803	2001-000362	R-CARBON;150ohm,5%,1/8W,AA,TP,1.8x3.2mm			C105	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
R808	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm			C121	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
R807	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m			C134	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
R302	2001-001006	R-CARBON;82ohm,5%,1/8W,AA,TP,1.8x3.2mm			C207	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
R114	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012			C209	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J3	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C213	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J4	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C214	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J1	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C402	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J10	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C401	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J2	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C305	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J9	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C304	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J8	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C103	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J7	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C216	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
J5	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012			C218	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		
R501L	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012			C126	2203-000495	C-CERAMIC,CHIP;2.2nF,5%,50V,X7R,TP,2012		
R501R	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012			C127	2203-000595	C-CERAMIC,CHIP;0.22nF,5%,50V,COG,TP,2012		
R502L	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012			C803	2203-000787	C-CERAMIC,CHIP;0.33nF,5%,50V,COG,TP,2012		
R502R	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012			C119	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012		
R201	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012			C128	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012		
MR2	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012			C125	2203-000840	C-CERAMIC,CHIP;0.39nF,5%,50V,COG,TP,2012		
R809	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012			C208	2203-000858	C-CERAMIC,CHIP;0.039nF,5%,50V,COG,TP,2012		
MR3	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012			C112	2203-000892	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,2012		
R132	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012			C111	2203-000892	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,2012		
					C124A	2203-001064	C-CERAMIC,CHIP;56nF,10%,50V,COG,TP,2012		
					C106	2203-001137	C-CERAMIC,CHIP;68nF,+80-20%,50V,Y5V,TP,2		
					C122	2203-001137	C-CERAMIC,CHIP;68nF,+80-20%,50V,Y5V,TP,2		
					C203	2203-001223	C-CERAMIC,CHIP;0.82nF,10%,50V,X7R,TP,201		
					C102	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012		
					C117	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012		
					C502L	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012		
					C502R	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012		

3-2 Samsung Electronics

Location no	Code no.	Description	Specification	Remarks	Location no	Code no.	Description	Specification	Remarks
FR7	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			JR15R	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP1.8x3.2m		
FR8	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			JR15L	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP1.8x3.2m		
JR28	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			CR7	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP1.8x3.2m		
JR29	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			JR8L	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP1.8x3.2m		
JR30	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			JR8R	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP1.8x3.2m		
FR6	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			PR11	2001-000995	R-CARBON:820ohm,5%,1/8W,AA,TP1.8x3.2mm		
BR4	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			JR24	2001-001070	R-CARBON(S):120ohm,5%,1/2W,AA,TP2.4x6.4		
BR5	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			RR2	2001-001095	R-CARBON(S):2.2Mohm,5%,1/2W,AA,TP2.4x6.4		
BR6	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			JR26	2001-001096	R-CARBON(S):2.2ohm,5%,1/2W,AA,TP2.4x6.4		
FR4	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			RR1	2001-001146	R-CARBON(S):4.7ohm,5%,1/2W,AA,TP2.4x6.4		
FR5	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP1.8x3.2mm			AR18	2001-001146	R-CARBON(S):4.7ohm,5%,1/2W,AA,TP2.4x6.4		
JR9L	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm			AR17	2001-001146	R-CARBON(S):4.7ohm,5%,1/2W,AA,TP2.4x6.4		
JR9R	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm			AR16	2001-001146	R-CARBON(S):4.7ohm,5%,1/2W,AA,TP2.4x6.4		
PR14	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm			AR15	2001-001146	R-CARBON(S):4.7ohm,5%,1/2W,AA,TP2.4x6.4		
JR25	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm			PR5	2001-001153	R-CARBON(S):47ohm,5%,1/2W,AA,TP2.4x6.4m		
FR6A	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm			PR19	2001-001153	R-CARBON(S):47ohm,5%,1/2W,AA,TP2.4x6.4m		
CR7A	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm			PR18	2001-001153	R-CARBON(S):47ohm,5%,1/2W,AA,TP2.4x6.4m		
JR3R	2001-000302	R-CARBON:10ohm,5%,1/8W,AA,TP1.8x3.2mm			PR13	2001-001153	R-CARBON(S):47ohm,5%,1/2W,AA,TP2.4x6.4m		
JR3L	2001-000302	R-CARBON:10ohm,5%,1/8W,AA,TP1.8x3.2mm			PR1	2003-000009	R-METAL OXIDE(S):220ohm,5%,1W,AA,TP3.3x9		
AR14	2001-000331	R-CARBON:12Kohm,5%,1/8W,AA,TP1.8x3.2mm			PR3	2003-000534	R-METAL OXIDE(S):1Kohm,5%,1W,AA,TP3.3x9		
MR6R	2001-000411	R-CARBON:18Kohm,5%,1/8W,AA,TP1.8x3.2mm			PR2	2003-000689	R-METAL OXIDE(S):4.7ohm,5%,1W,AA,TP3.3x9		
MR6L	2001-000411	R-CARBON:18Kohm,5%,1/8W,AA,TP1.8x3.2mm			RFR1	2008-000135	R-FUSIBLE:1ohm,5%,1/2W,AA,TP3.3x9mm		
BR9	2001-000411	R-CARBON:18Kohm,5%,1/8W,AA,TP1.8x3.2mm			SR1R	2103-000248	VR-SEMI:200Kohm,30%,1/10W,TOP		
BR8	2001-000411	R-CARBON:18Kohm,5%,1/8W,AA,TP1.8x3.2mm			SR1L	2103-000248	VR-SEMI:200Kohm,30%,1/10W,TOP		
AR9	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC5	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
CR10	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC6	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
CR9	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC7	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
MJW71	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC8	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
PR20	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC4	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
AR10	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC19	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
AR20	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC1	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
AR22	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC2	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
AR5	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			PC3	2201-000161	C-CERAMIC,DISC:10NF+80-20%,500V,Y5V,TP		
AR6	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm			EC11	2201-000300	C-CERAMIC,DISC:1NF20%,50V,Y5T,TP5X3MM		
JR12	2001-000435	R-CARBON:1Mohm,5%,1/8W,AA,TP1.8x3.2mm			JC9R	2201-000368	C-CERAMIC,DISC:0.22NF,10%,50V,SL,TP6.5X		
FR11	2001-000435	R-CARBON:1Mohm,5%,1/8W,AA,TP1.8x3.2mm			JC9L	2201-000368	C-CERAMIC,DISC:0.22NF,10%,50V,SL,TP6.5X		
JR16L	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			JC11	2201-000368	C-CERAMIC,DISC:0.22NF,10%,50V,SL,TP6.5X		
JR14R	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			BC13	2201-000368	C-CERAMIC,DISC:0.22NF,10%,50V,SL,TP6.5X		
JR14L	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			BC12	2201-000368	C-CERAMIC,DISC:0.22NF,10%,50V,SL,TP6.5X		
AR3	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			FC3	2201-000470	C-CERAMIC,DISC:0.33NF,10%,50V,SL,TP6.5X		
AR2	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			EC8	2201-000532	C-CERAMIC,DISC:4.7NF,10%,50V,Y5P,TP8X3		
AR19	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			EC7	2201-000532	C-CERAMIC,DISC:4.7NF,10%,50V,Y5P,TP8X3		
JR2R	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			AC8	2201-000532	C-CERAMIC,DISC:4.7NF,10%,50V,Y5P,TP8X3		
JR5L	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			AC7	2201-000532	C-CERAMIC,DISC:4.7NF,10%,50V,Y5P,TP8X3		
JR5R	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			JC5A	2201-000557	C-CERAMIC,DISC:0.47NF,10%,50V,SL,TP8X3		
JR6L	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			AC2	2201-000557	C-CERAMIC,DISC:0.47NF,10%,50V,SL,TP8X3		
JR6R	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			AC1	2201-000557	C-CERAMIC,DISC:0.47NF,10%,50V,SL,TP8X3		
JR2L	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			CC2	2201-000565	C-CERAMIC,DISC:47nF+80-20%,...,12.5x4mm		
JR16R	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			CC1	2201-000565	C-CERAMIC,DISC:47nF+80-20%,...,12.5x4mm		
JR17L	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			AC3	2201-000619	C-CERAMIC,DISC:0.005NF,0.25PF,50V,COG,TP		
JR17R	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			AC4	2201-000619	C-CERAMIC,DISC:0.005NF,0.25PF,50V,COG,TP		
JR1L	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			FC1	2201-000783	C-CERAMIC,DISC:100NF+80-20%,50V,Y5V,TP		
JR1R	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m			BC1	2201-000783	C-CERAMIC,DISC:100NF+80-20%,50V,Y5V,TP		
JR18	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm			EC10	2202-000780	C-CERAMIC,MLC-AXIAL:100nF+80-20%,50V,Y5		
JR20	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm			EC9	2202-000780	C-CERAMIC,MLC-AXIAL:100nF+80-20%,50V,Y5		
PR10	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm			BC9	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP		
JR11	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm			BC8	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP		
FR9A	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm			BC10	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP		
FR13	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC16	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
FR12	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC18	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
PR12	2001-000591	R-CARBON:3.3Kohm,5%,1/8W,AA,TP1.8x3.2m			JC8L	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
JR21	2001-000591	R-CARBON:3.3Kohm,5%,1/8W,AA,TP1.8x3.2m			JC8R	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
PR16	2001-000613	R-CARBON:3.9Kohm,5%,1/8W,AA,TP1.8x3.2m			EC1	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
PR15	2001-000613	R-CARBON:3.9Kohm,5%,1/8W,AA,TP1.8x3.2m			EC2	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
BR3	2001-000613	R-CARBON:3.9Kohm,5%,1/8W,AA,TP1.8x3.2m			EC6	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
BR2	2001-000613	R-CARBON:3.9Kohm,5%,1/8W,AA,TP1.8x3.2m			JC15	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP3		
AR21	2001-000660	R-CARBON:33Kohm,5%,1/8W,AA,TP1.8x3.2mm			ZC1	2202-000797	C-CERAMIC,MLC-AXIAL:1NF,30%,16V,Y5S,TP		
CR13	2001-000702	R-CARBON:39Kohm,5%,1/8W,AA,TP1.8x3.2mm			EC5	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP		
CR11	2001-000702	R-CARBON:39Kohm,5%,1/8W,AA,TP1.8x3.2mm			EC3	2202-000806	C-CERAMIC,MLC-AXIAL:220pF,10%,50V,Y5P,TP		
PR9A	2001-000734	R-CARBON:4.7Kohm,5%,1/8W,AA,TP1.8x3.2m			EC4	2202-000806	C-CERAMIC,MLC-AXIAL:220pF,10%,50V,Y5P,TP		
PR17	2001-000734	R-CARBON:4.7Kohm,5%,1/8W,AA,TP1.8x3.2m			JC5R	2202-000820	C-CERAMIC,MLC-AXIAL:5.6nF,20%,16V,Y5R,TP		
JR19	2001-000734	R-CARBON:4.7Kohm,5%,1/8W,AA,TP1.8x3.2m			JC5L	2202-000820	C-CERAMIC,MLC-AXIAL:5.6nF,20%,16V,Y5R,TP		
AR4	2001-000734	R-CARBON:4.7Kohm,5%,1/8W,AA,TP1.8x3.2m			JC2R	2202-000847	C-CERAMIC,MLC-AXIAL:1.8nF,30%,50V,Y5S,TP		
AR1	2001-000734	R-CARBON:4.7Kohm,5%,1/8W,AA,TP1.8x3.2m			JC2L	2202-000847	C-CERAMIC,MLC-AXIAL:1.8nF,30%,50V,Y5S,TP		
PR21	2001-000786	R-CARBON:47Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC1R	2202-000847	C-CERAMIC,MLC-AXIAL:1.8nF,30%,50V,Y5S,TP		
PR22	2001-000786	R-CARBON:47Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC1L	2202-000847	C-CERAMIC,MLC-AXIAL:1.8nF,30%,50V,Y5S,TP		
PR23	2001-000786	R-CARBON:47Kohm,5%,1/8W,AA,TP1.8x3.2mm			BC2	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
JR22	2001-000786	R-CARBON:47Kohm,5%,1/8W,AA,TP1.8x3.2mm			AC6	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
CR8	2001-000786	R-CARBON:47Kohm,5%,1/8W,AA,TP1.8x3.2mm			AC5	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
CR14	2001-000786	R-CARBON:47Kohm,5%,1/8W,AA,TP1.8x3.2mm			BC3	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
CR12	2001-000786	R-CARBON:47Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC6R	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
JR13	2001-000793	R-CARBON:47OHM,5%,1/8W,AA,TP1.8x3.2MM			JC6L	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
FR10	2001-000857	R-CARBON:560ohm,5%,1/8W,AA,TP1.8x3.2mm			JC4L	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
FR9R	2001-000864	R-CARBON:56Kohm,5%,1/8W,AA,TP1.8x3.2mm			BC6	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
FR9L	2001-000864	R-CARBON:56Kohm,5%,1/8W,AA,TP1.8x3.2mm			BC7	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
AR8	2001-000864	R-CARBON:56Kohm,5%,1/8W,AA,TP1.8x3.2mm			FC4R	2301-000375	C-FILM,PEF:100nF,10%,TP50V,11x12.5x6.5		
AR7	2001-000864	R-CARBON:56Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC3L	2301-000379	C-FILM,PEF:10nF,10%,50V,TP6x12x3.5mm,-		
AR13	2001-000864	R-CARBON:56Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC3R	2301-000379	C-FILM,PEF:10nF,10%,50V,TP6x12x3.5mm,-		
AR12	2001-000864	R-CARBON:56Kohm,5%,1/8W,AA,TP1.8x3.2mm			JC12	2301-000400	C-FILM,PEF:1nF,10%,50V,TP5.5x12x3mm,-		
JR4R	2001-000890	R-CARBON:6.8Kohm,5%,1/8W,AA,TP1.8x3.2m			JC13	2301-000404	C-FILM,PEF:2.2nF,10%,50V,TP5.5x12x3mm,-		
JR4L	2001-000890	R-CARBON:6.8Kohm,5%,1/8W,AA,TP1.8x3.2m			JC14	2301-000404	C-FILM,PEF:2.2nF,10%,50V,TP5.5x12x3mm,-		
JR7R	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP1.8x3.							

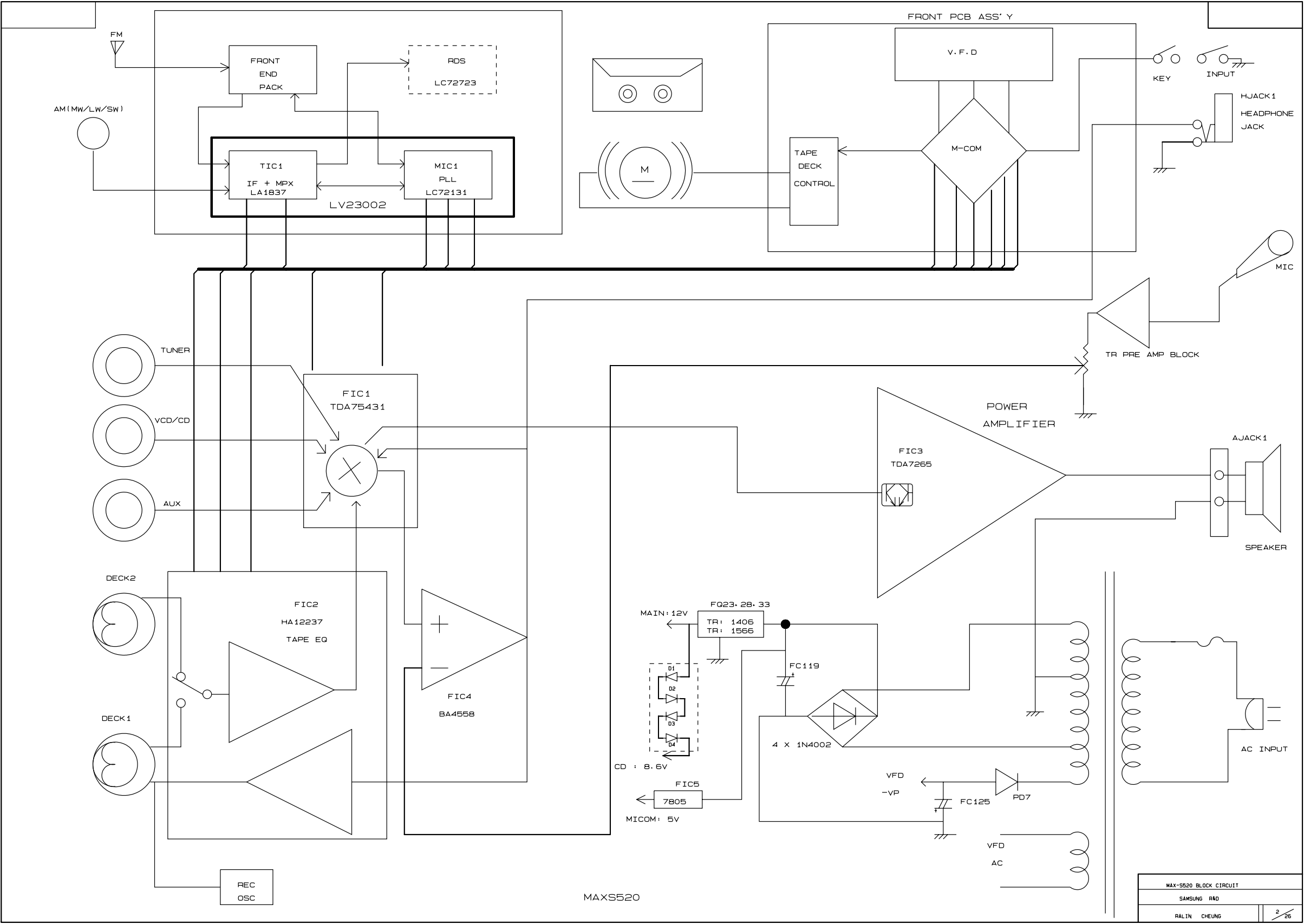
	AH92-01776A	ASSY PCB-FRONT CE/NO CE;MAX:S530,FRONT P COMMON
UX01	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AA;12.5
UX02	2802-001121	RESONATOR-CERAMIC;10MHz,0.5%,BK,8X3.5X3M
USR02	3406-001047	SWITCH-ROTARY;5V DC,0.5mA,-12mm
UCW03	3708-000178	CONNECTOR-FPC/FFC/PIC;16P;1.25mm,ANGLE,S
UCW02	3708-000454	CONNECTOR-FPC/FFC/PIC;22P;1.25mm,STRAIGH
UCW01	3708-001195	CONNECTOR-FPC/FFC/PIC;27P;1.25mm,STRAIGH
UCN01	3711-000820	CONNECTOR-HEADER;BOX,2P;1R,2.5MM,STRAIGH
UCN04	3711-001009	CONNECTOR-HEADER;BOX,5P;1R,2.5mm,ANGLE,S
HJ01	3722-001061	JACK-PHONE;1P;3.6Pin,AG,BLK,N
TIC01	AC59-60060A	MODULE REMOCON;GPI,U281R, SHARP;38KHz,-,-,-
FLT01	AH07-00097A	VF DISPLAY;+HA;13SM09 ,MAX:S530,118X25,
UCI01	AH11-00093A	MASK ROM;LC87656C-51L9-E;MAX:S520,S530,
UCN02	AH39-20008L	LEAD CONNECTOR ASSY;S395,5264,2P,-,106#1
	AH61-00603A	HOLDER-VFD;MAX-L45,ABS 94HB,-,-,-,BLK,-
UD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD30	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD21	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD20	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD7	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD13	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD11	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD10	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD19	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD17	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD15	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
UD14	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,

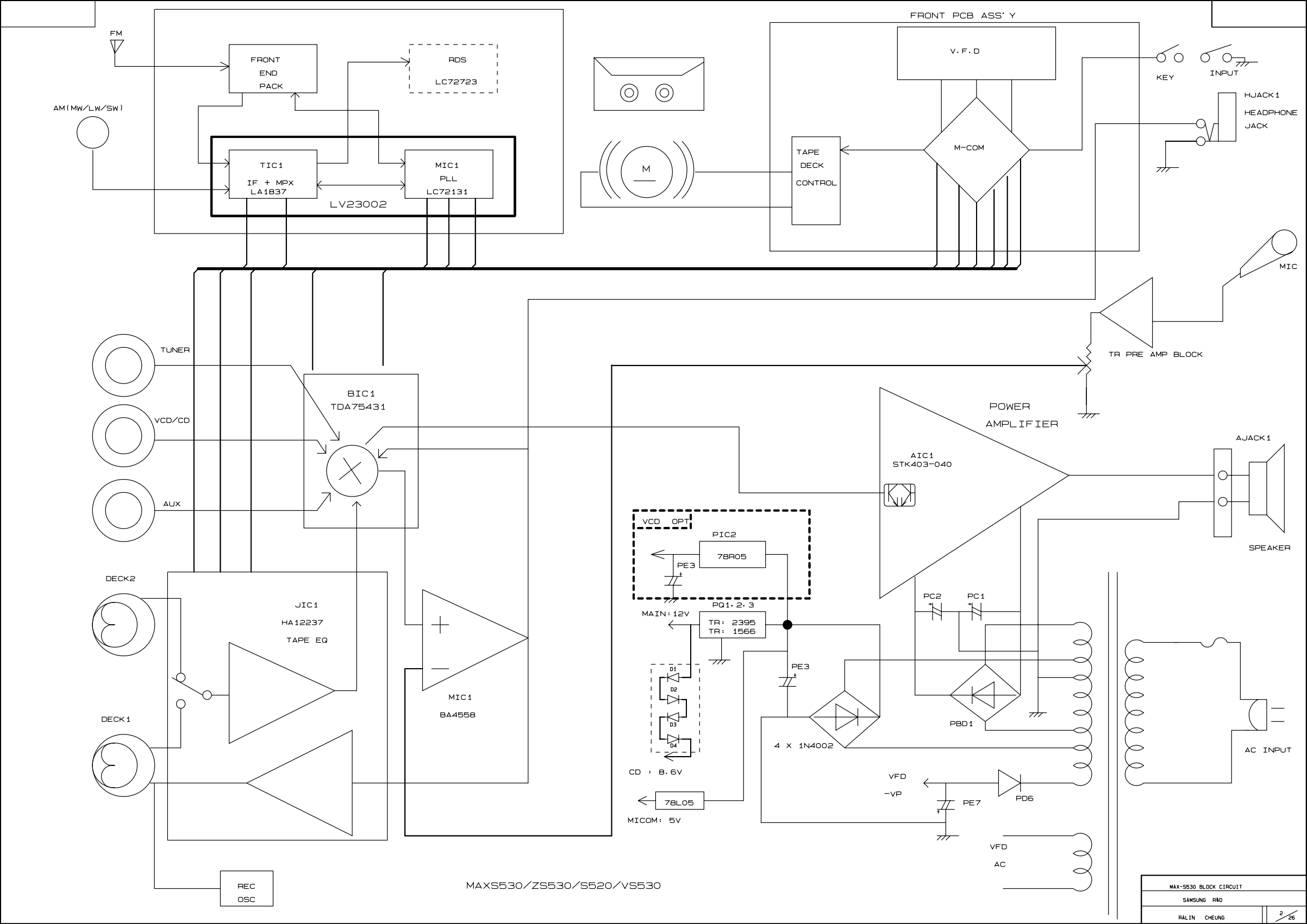
UR17	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR16	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR15	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm
LR30	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm
LR29	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm
LR28	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm
LR27	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR06	2001-000295	R-CARBON:10MOHM,5%,1/8W,AA,TP1.8X3.2MM
UR08	2001-000362	R-CARBON:150kohm,5%,1/8W,AA,TP1.8x3.2mm
UR69	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR68	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR47	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR40	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR28	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR26	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR12	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR88	2001-000435	R-CARBON:1Mohm,5%,1/8W,AA,TP1.8x3.2mm
UR51	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m
UR39	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m
UR29	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m
UR24	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m
UR10	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m
UR04	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP1.8x3.2m
UR09	2001-000508	R-CARBON:220Kohm,5%,1/8W,AA,TP1.8x3.2m
UR73	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR52	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR35	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR33	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP1.8x3.2mm
UR46	2001-000591	R-CARBON:3.3Kohm,5%,1/8W,AA,TP1.8x3.2m
UR34	2001-000591	R-CARBON:3.3Kohm,5%,1/8W,AA,TP1.8x3.2m
UR03	2001-000591	R-CARBON:3.3Kohm,5%,1/8W,AA,TP1.8x3.2m
UR62	2001-000591	R-CARBON:3.3Kohm,5%,1/8W,AA,TP1.8x3.2m
UR32	2001-000660	R-CARBON:33Kohm,5%,1/8W,AA,TP1.8x3.2mm
LR17	2001-000660	R-CARBON:33Kohm,5%,1/8W,AA,TP1.8x3.2mm
LR08	2001-000660	R-CARBON:33Kohm,5%,1/8W,AA,TP1.8x3.2mm

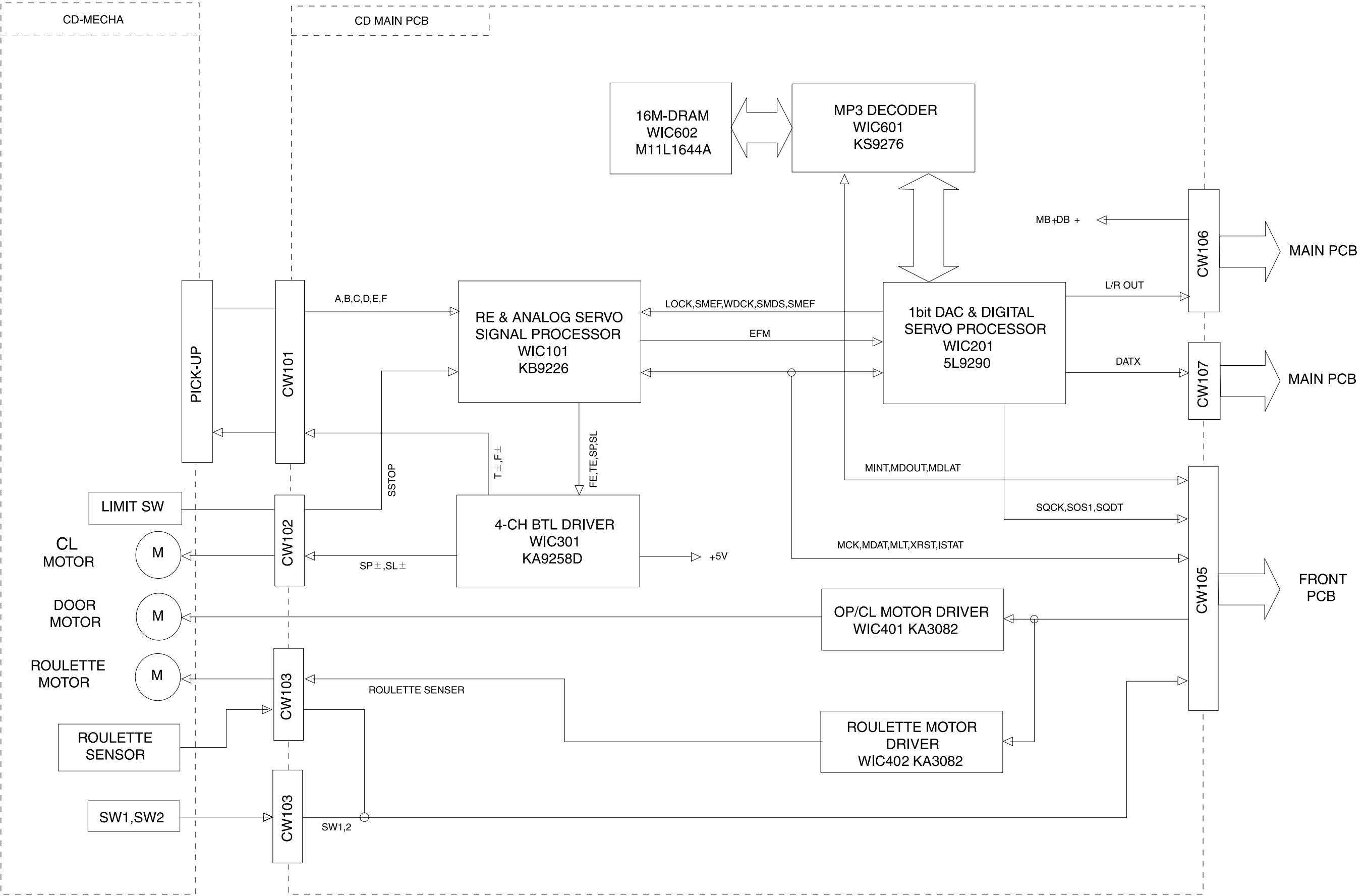
Location no	Code no.	Description	Specification	Remarks
LR07	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR06	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR05	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR04	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR03	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR02	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR01	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR09	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR16	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR15	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR14	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR14	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR13	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR12	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR11	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
LR10	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP1.8x3.2mm		
UR45	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR44A	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR44	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR34A	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR14	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR02	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR63	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR77	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR75A	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm		
UR07	2001-000850	R-CARBON;560Kohm,5%,1/8W,AA,TP1.8x3.2m		
HR01	2001-000857	R-CARBON;560ohm,5%,1/8W,AA,TP1.8x3.2mm		
HR02	2001-000857	R-CARBON;560ohm,5%,1/8W,AA,TP1.8x3.2mm		
UR61	2001-000890	R-CARBON;6.8Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR56	2001-000890	R-CARBON;6.8Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR01	2001-000890	R-CARBON;6.8Kohm,5%,1/8W,AA,TP1.8x3.2m		
UR11	2001-000995	R-CARBON;820ohm,5%,1/8W,AA,TP1.8x3.2mm		
UR38	2001-000995	R-CARBON;820ohm,5%,1/8W,AA,TP1.8x3.2mm		
UR49	2001-000995	R-CARBON;820ohm,5%,1/8W,AA,TP1.8x3.2mm		
USR01	2103-000341	VR-SEMI;2Kohm,30%,1/10W,TOP		
UC03	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP5X3MM,		
UC05	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
UC02	2201-000389	C-CERAMIC,DISC;0.022NF,5%,50V,C0G,TP5X3		
UC01	2201-000389	C-CERAMIC,DISC;0.022NF,5%,50V,C0G,TP5X3		
LC01	2201-000565	C-CERAMIC,DISC;47nF+80-20%,--,12.5x4mm		
LC02	2201-000565	C-CERAMIC,DISC;47nF+80-20%,--,12.5x4mm		
UC04	2201-000783	C-CERAMIC,DISC;100NF+80-20%,50V,Y5V,TP,		
HC04	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		
HC03	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		
HC02	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		
HC01	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		
UE01	2401-000240	C-AL;100uF,20%,10V,GPTP5x11.5		
LE01	2401-000475	C-AL;10uF,20%,50V,GPTP5x11mm,5mm		
LE02	2401-000475	C-AL;10uF,20%,50V,GPTP5x11mm,5mm		
UE03	2401-000759	C-AL;220nF,20%,50V,GPTP5x11mm,5mm		
UE02	2401-001355	C-AL;470uF,20%,10V,GPTP8x11.5mm,5		
UE04	2401-002180	C-AL;2.2uF,20%,50V,GPTP5x11mm,5mm		
HL02	2701-000111	INDUCTOR-AXIAL;100uH,10%,2.5x3.4mm		
HL01	2701-000111	INDUCTOR-AXIAL;100uH,10%,2.5x3.4mm		
US15	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US14	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US13	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US12	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US11	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US20	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US19	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US18	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US17	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US16	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US05	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US04	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US03	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US02	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US01	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US10	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US09	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US08	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US07	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US06	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US21	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US29	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US30	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US31	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US32	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US33	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US34	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US28	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US22	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US23	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US24	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US27	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US26	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
US25	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
AH41-00548A		PCB-FRONT;MAX-SS30,PENOL,1 LAYER,--,247		

4. Block Diagram

4-1-1 MAIN : MAX-S520

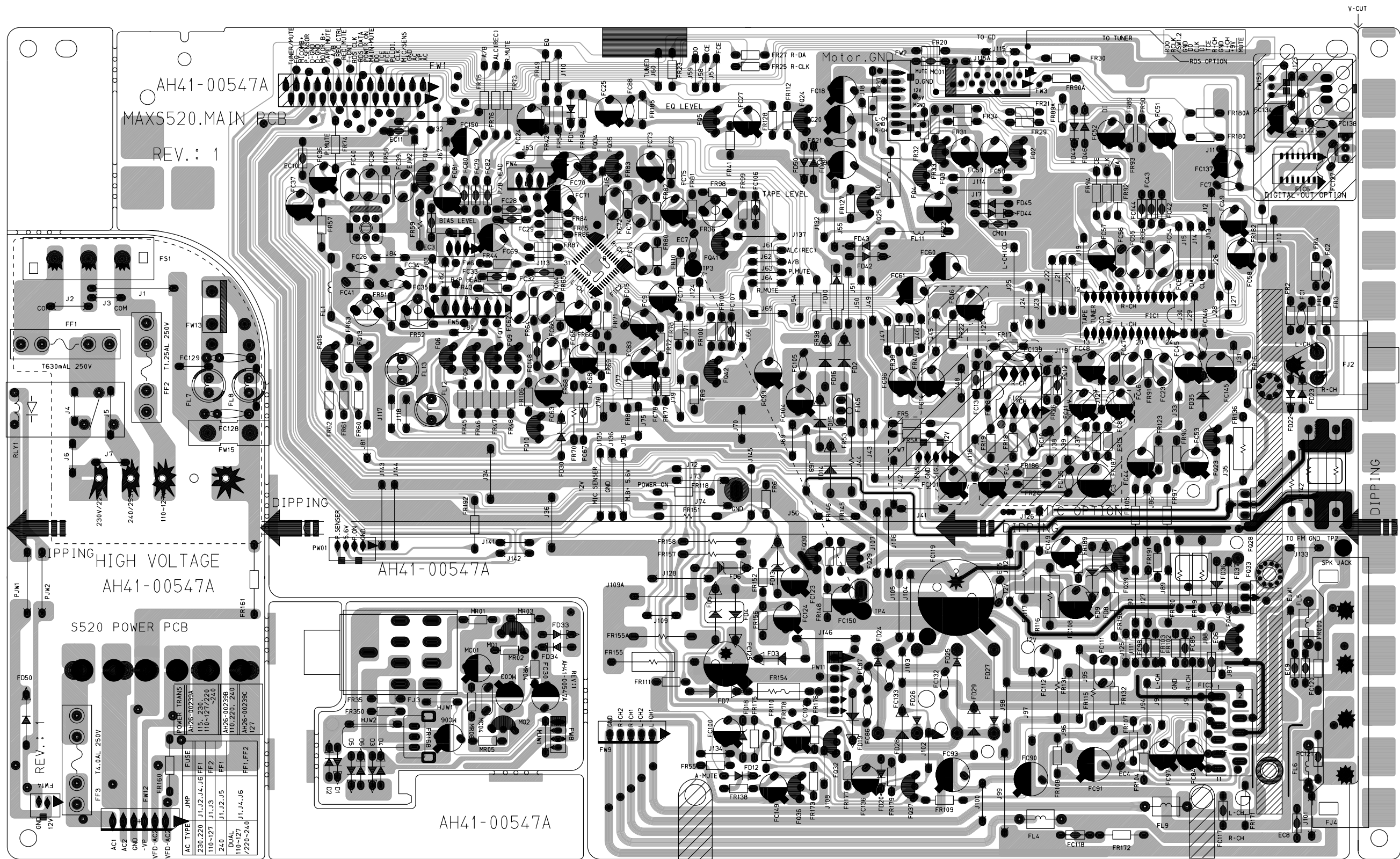






5. Printed Circuit Board Diagram

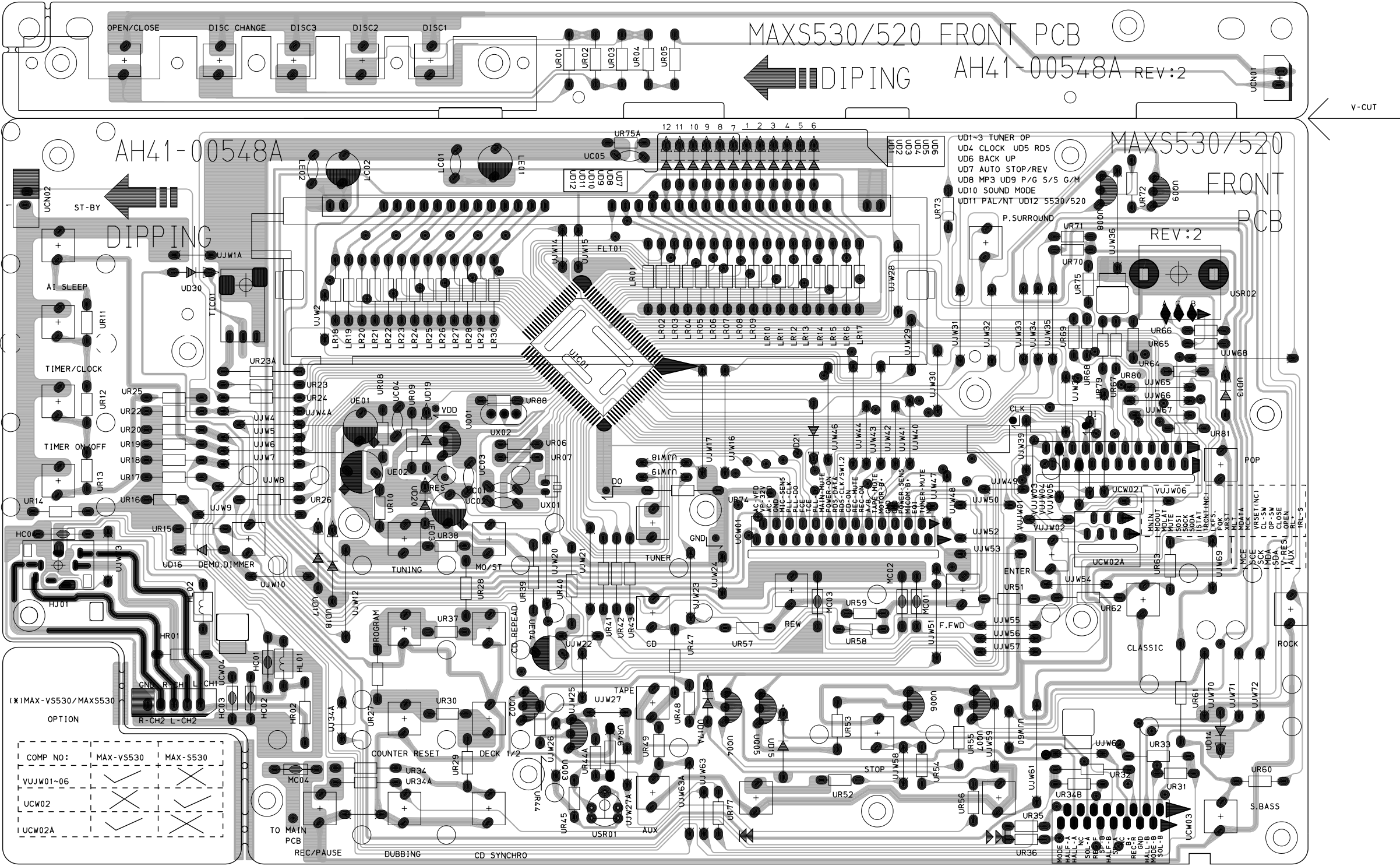
5-1-1 MAIN: MAX-S520

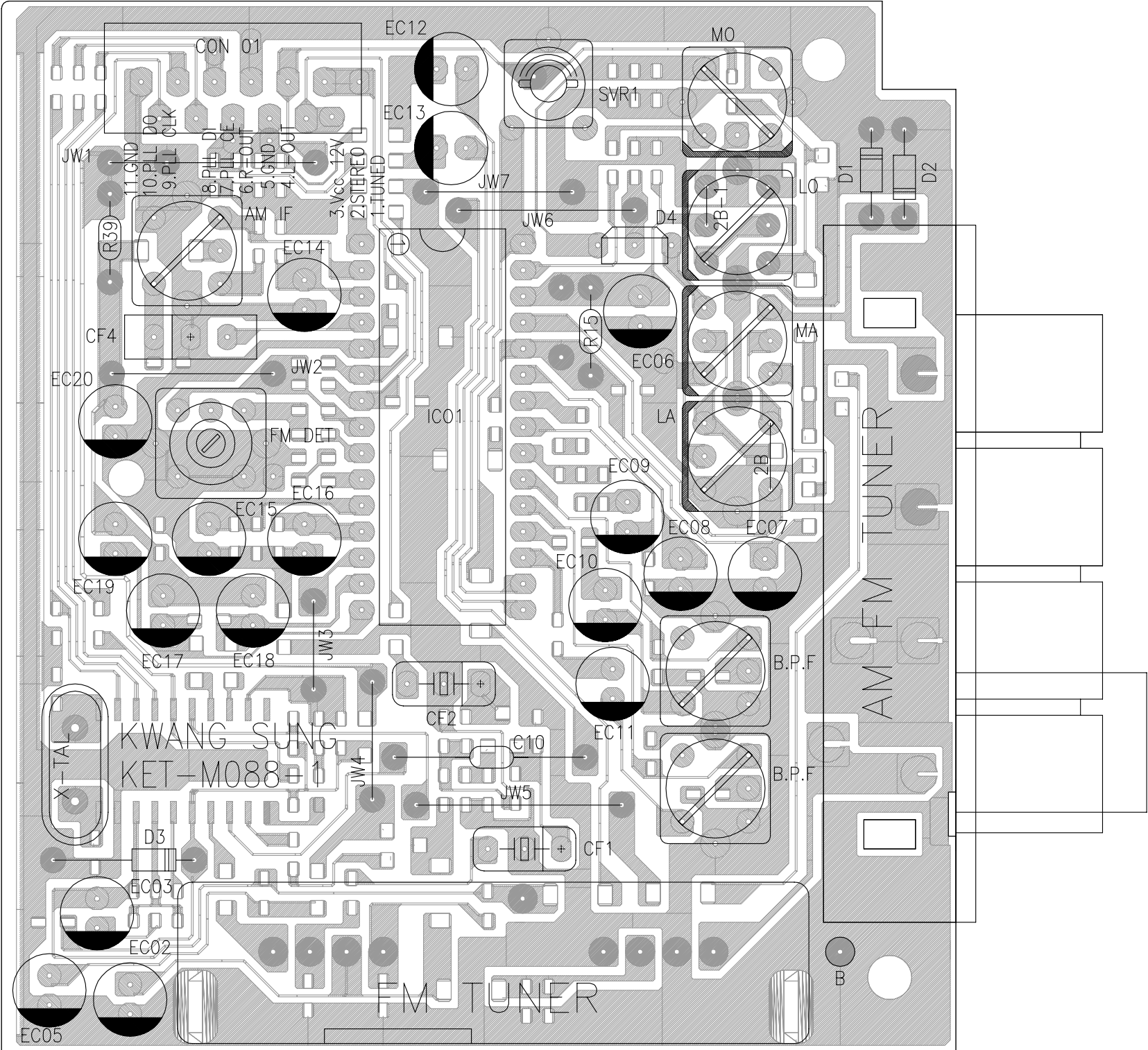


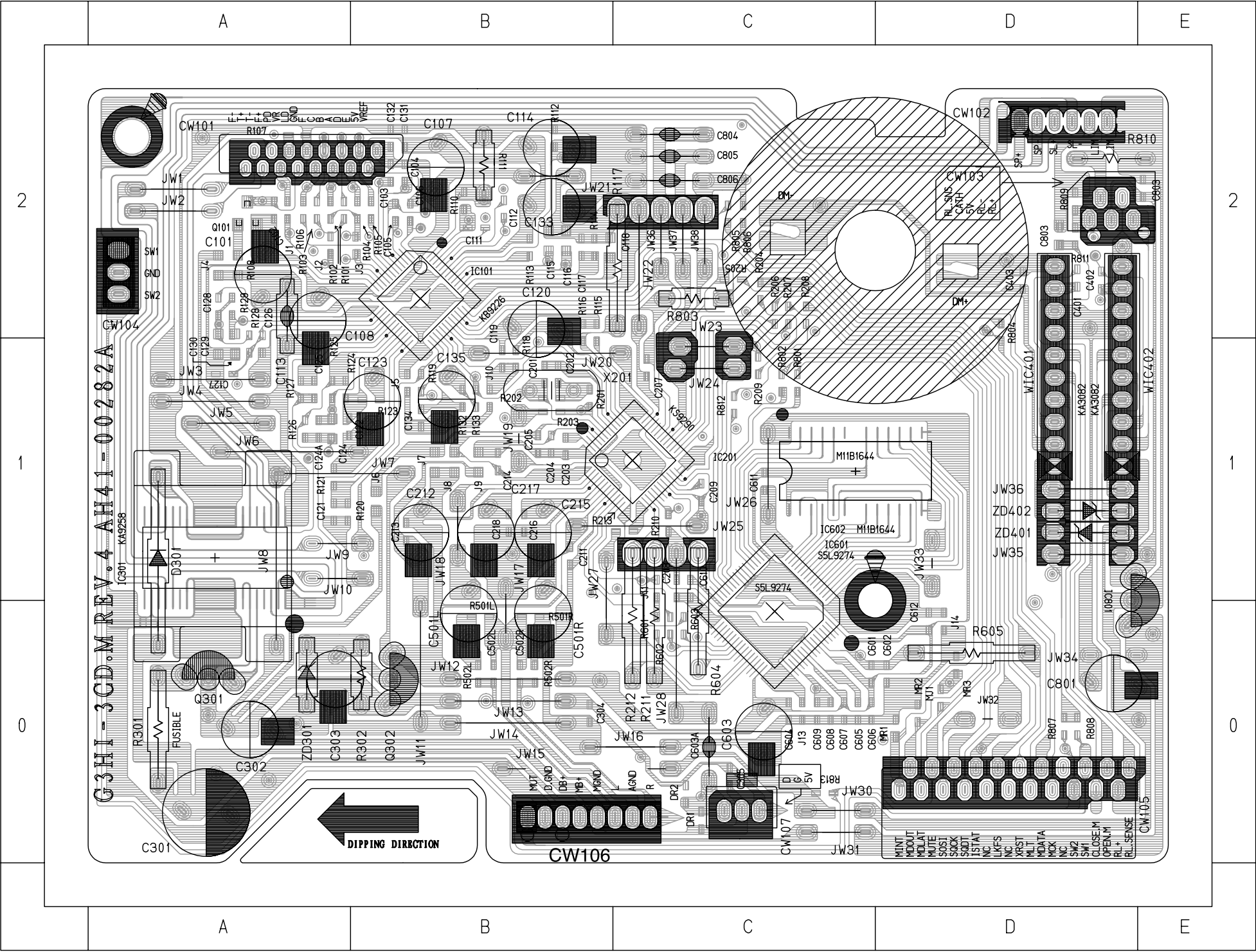
AH41-00547A

5-1-2 MAIN: MAX-S530/MAX-ZS530









*** CONDENSER *** *** DIODE ***

C101 (A2)
C107 (B2)
C108 (A2)
C113 (A1)
C114 (B2)
C120 (B2)
C123 (B1)
C133 (B2)
C135 (B1)
C212 (B1)
C215 (B1)
C217 (B1)
C301 (A0)
C302 (A0)
C303 (A0)
C501L (B1)
C501R (B1)
C603 (C0)
C603A (C0)
C801 (D0)
C804 (C2)
C805 (C2)
C806 (C2)

D301 (A1)
ZD401 (D1)
ZD402 (D1)

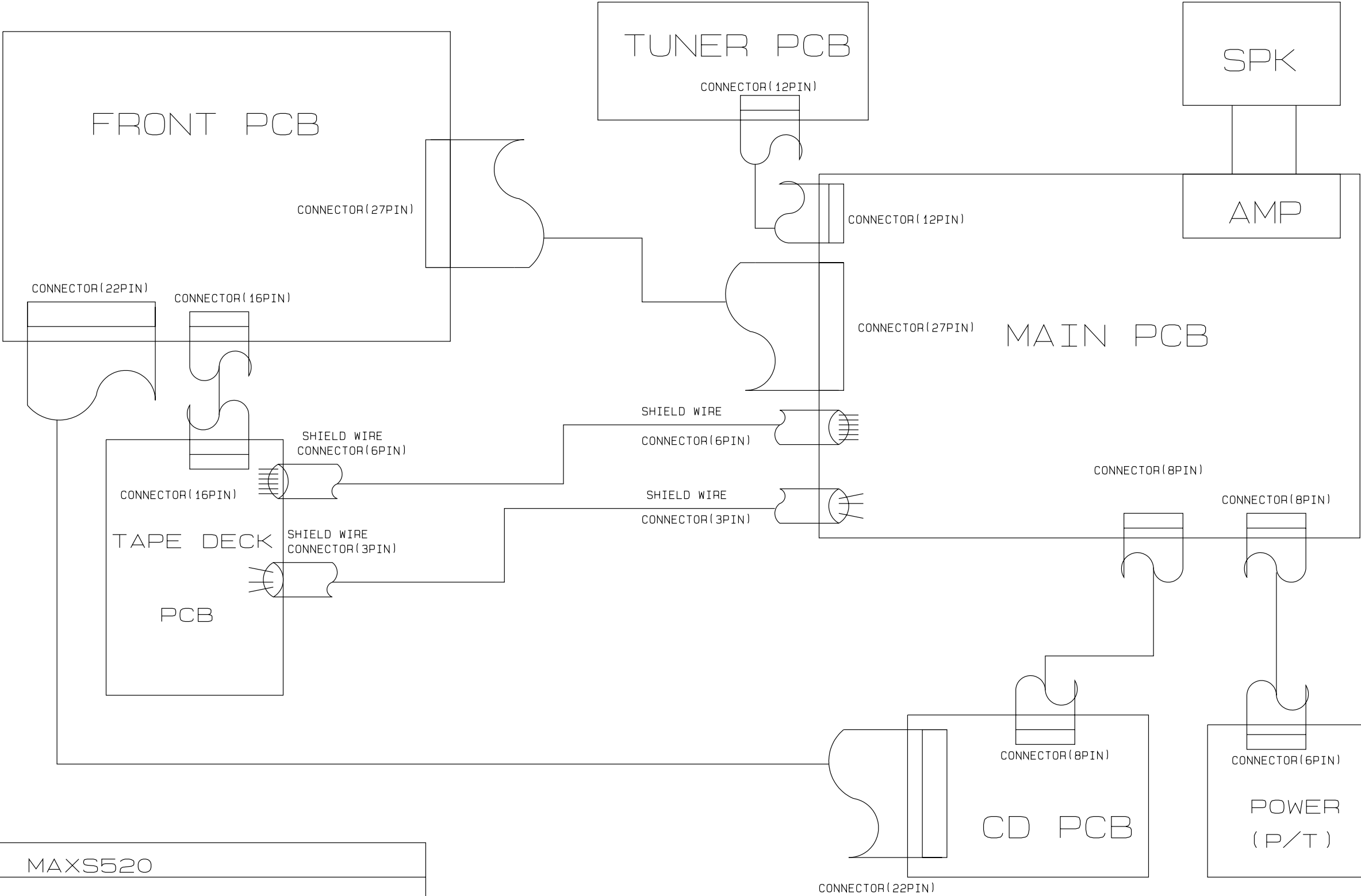
*** IC&WAFER ***

CW102 (D2)
CW104 (A2)
CW107 (C0)
WIC401 (D1)
WIC402 (D1)

*** TR ***

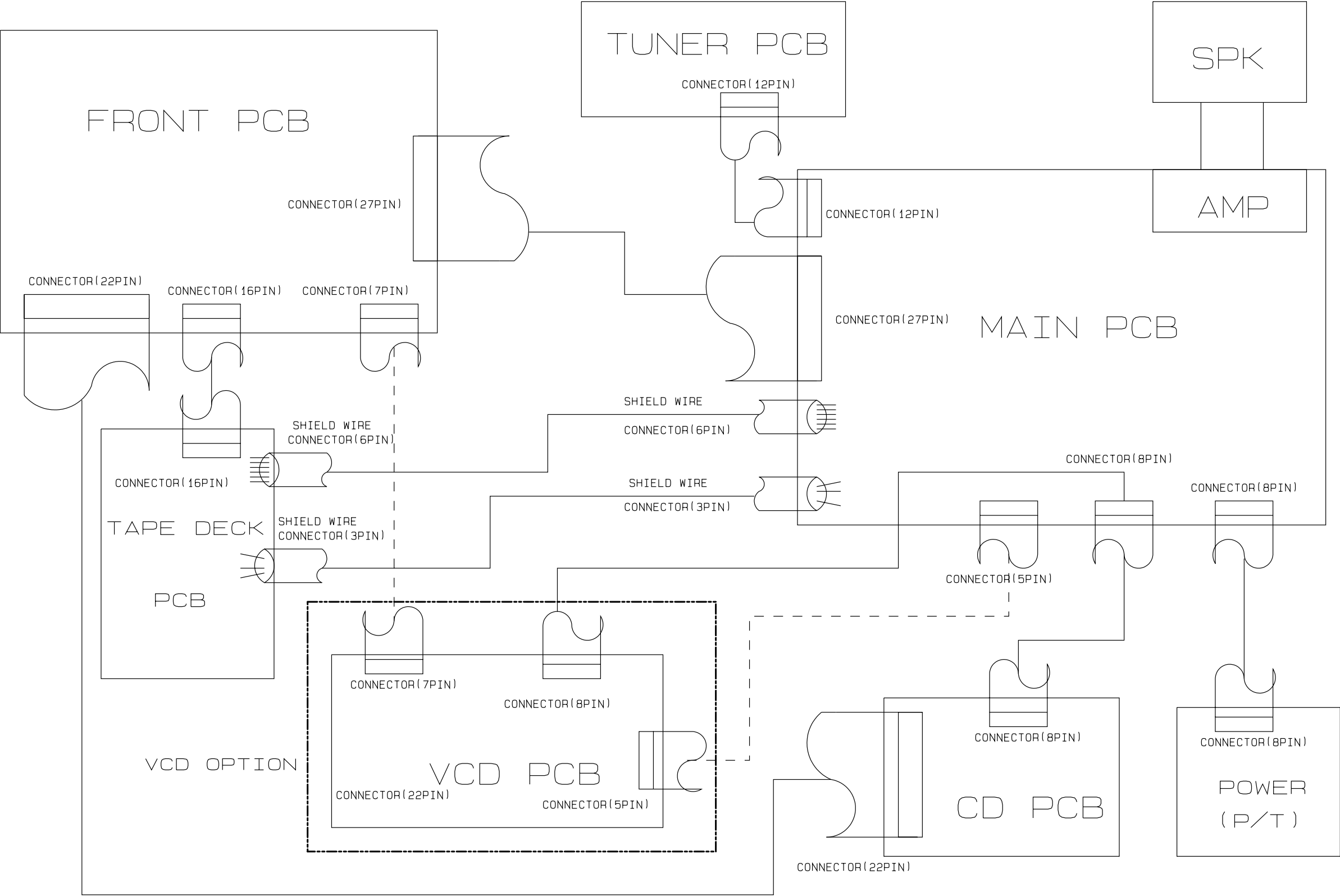
IC801 (D1)
Q301 (A0)
Q302 (B0)

MODEL : MAXS520 WIRE SCHEMATIC



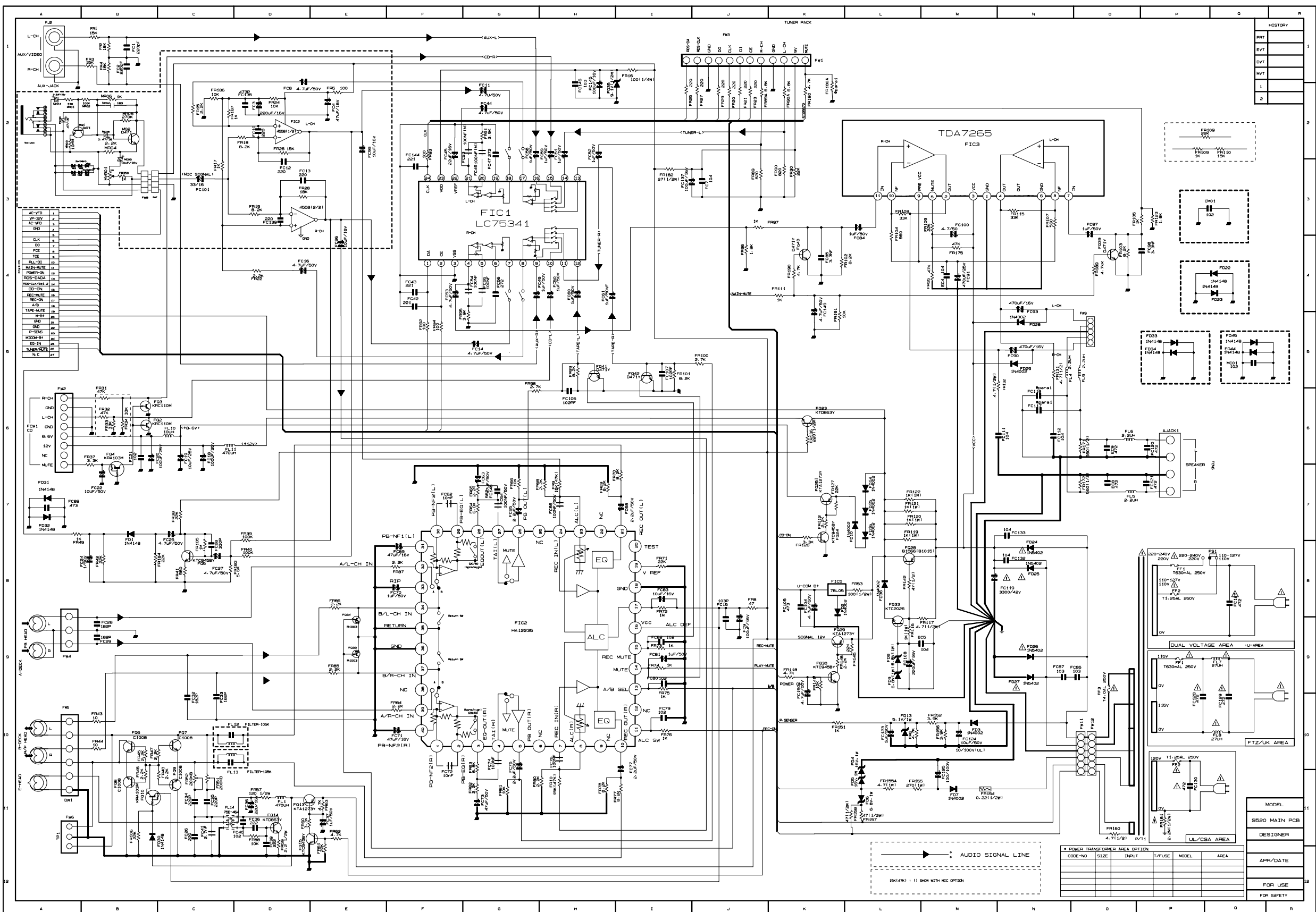
MAXS520	
SAMSUNG R&D	
RALIN CHEUNG	2003/2/26

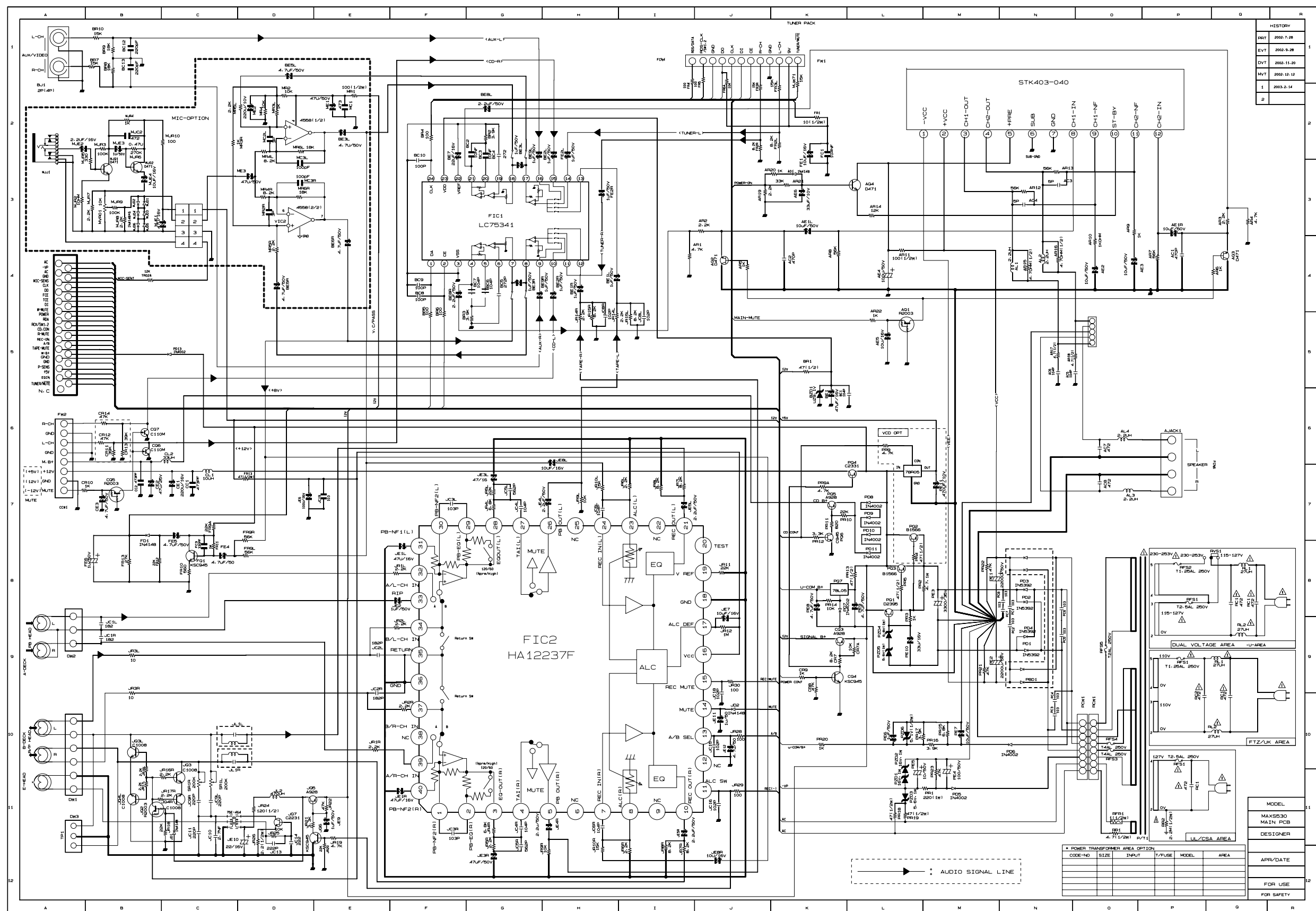
MODEL : MAXS530/VS530 WIRE SCHEMATIC

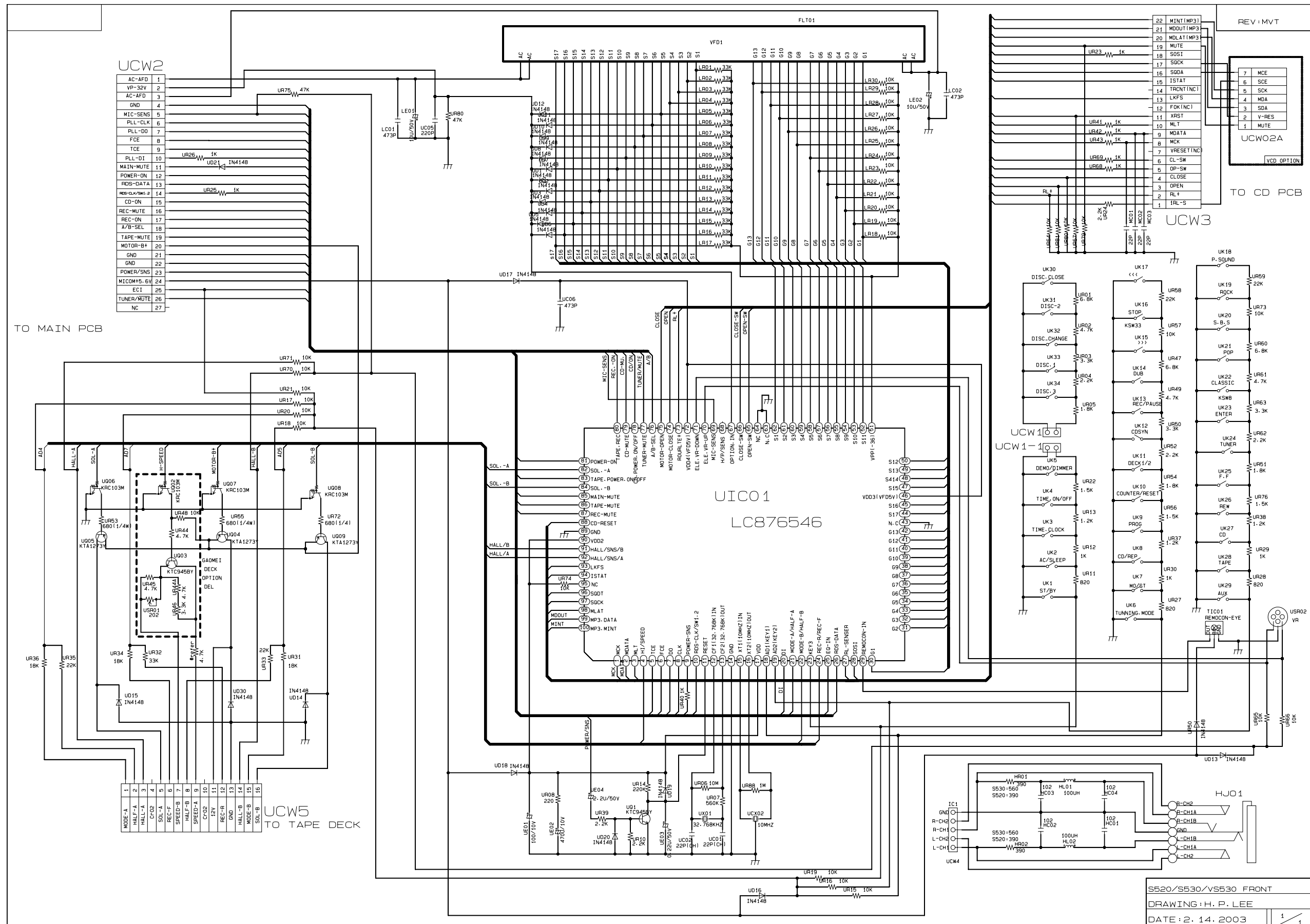


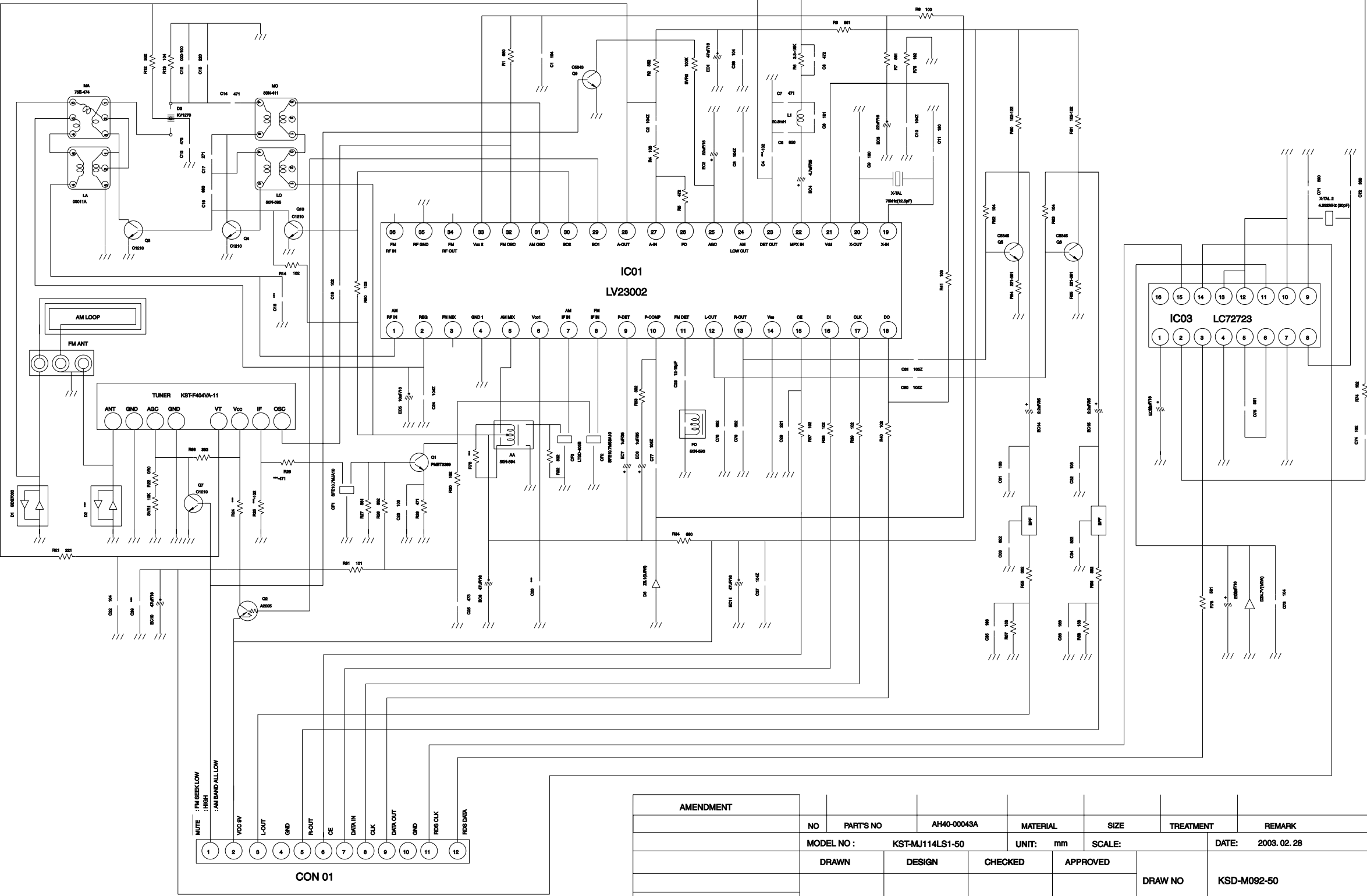
7. Schematic Diagram

7-1-1 MAIN Part MAX-S520





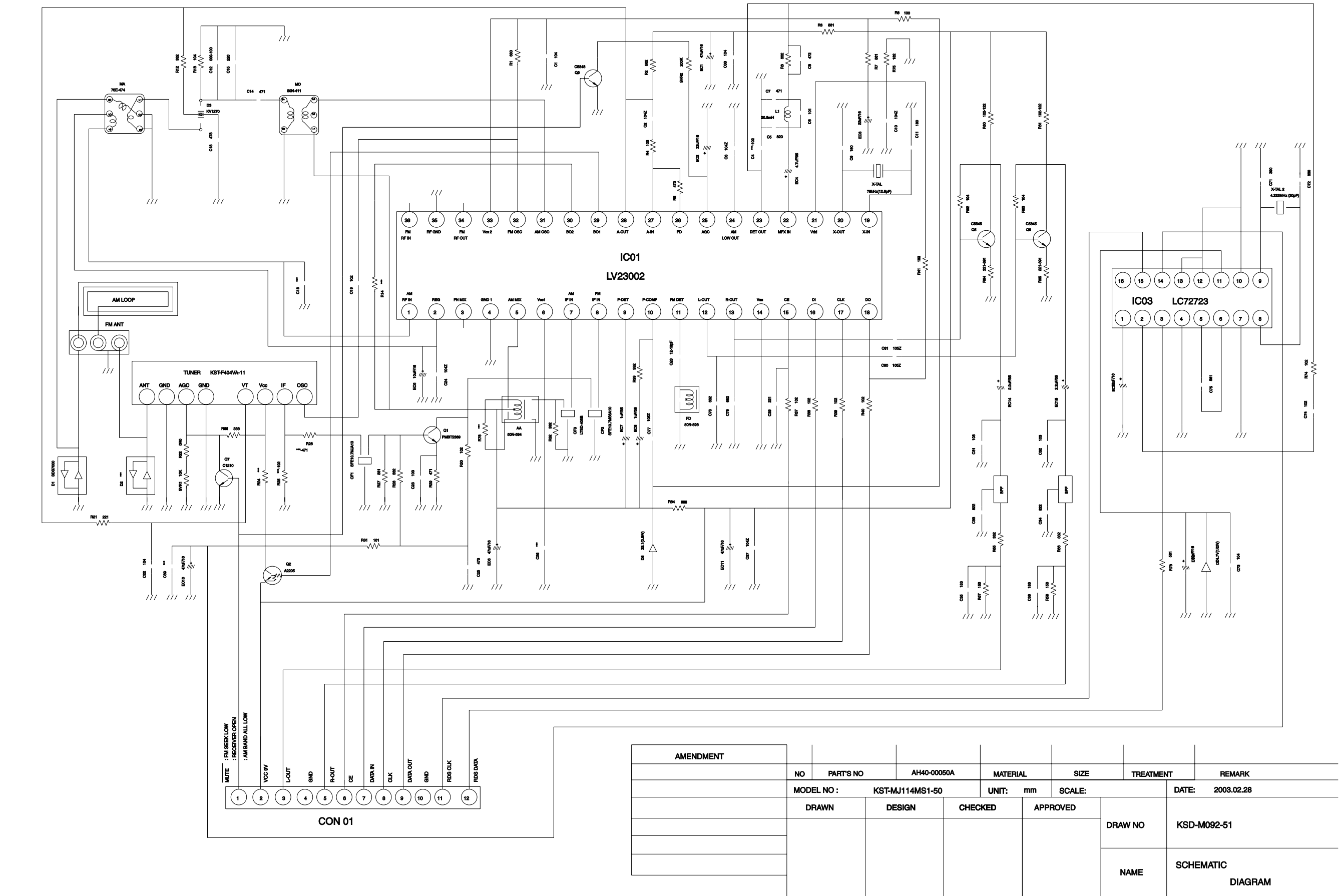


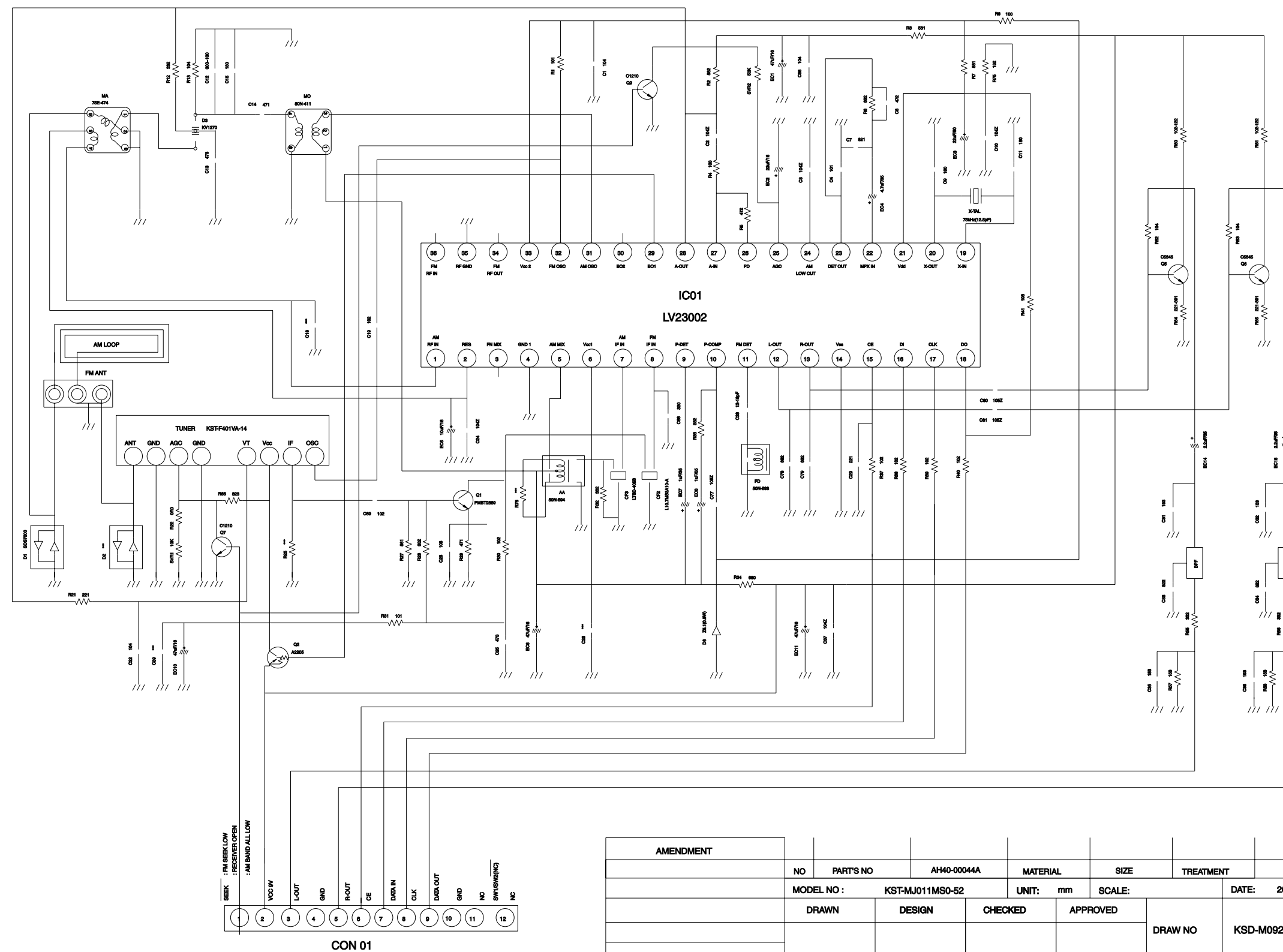


AMENDMENT		NO	PART'S NO	AH40-00043A	MATERIAL	SIZE	TREATMENT	REMARK
		MODEL NO :			KST-MJ114LS1-50	UNIT: mm	SCALE:	DATE: 2003. 02. 28
		DRAWN		DESIGN	CHECKED	APPROVED	DRAW NO	KSD-M092-50
							NAME	SCHEMATIC DIAGRAM

KWANG SUNG ELECTRONICS CO.,LTD.

7-3-2 TUNER(EURO)-T-BAND

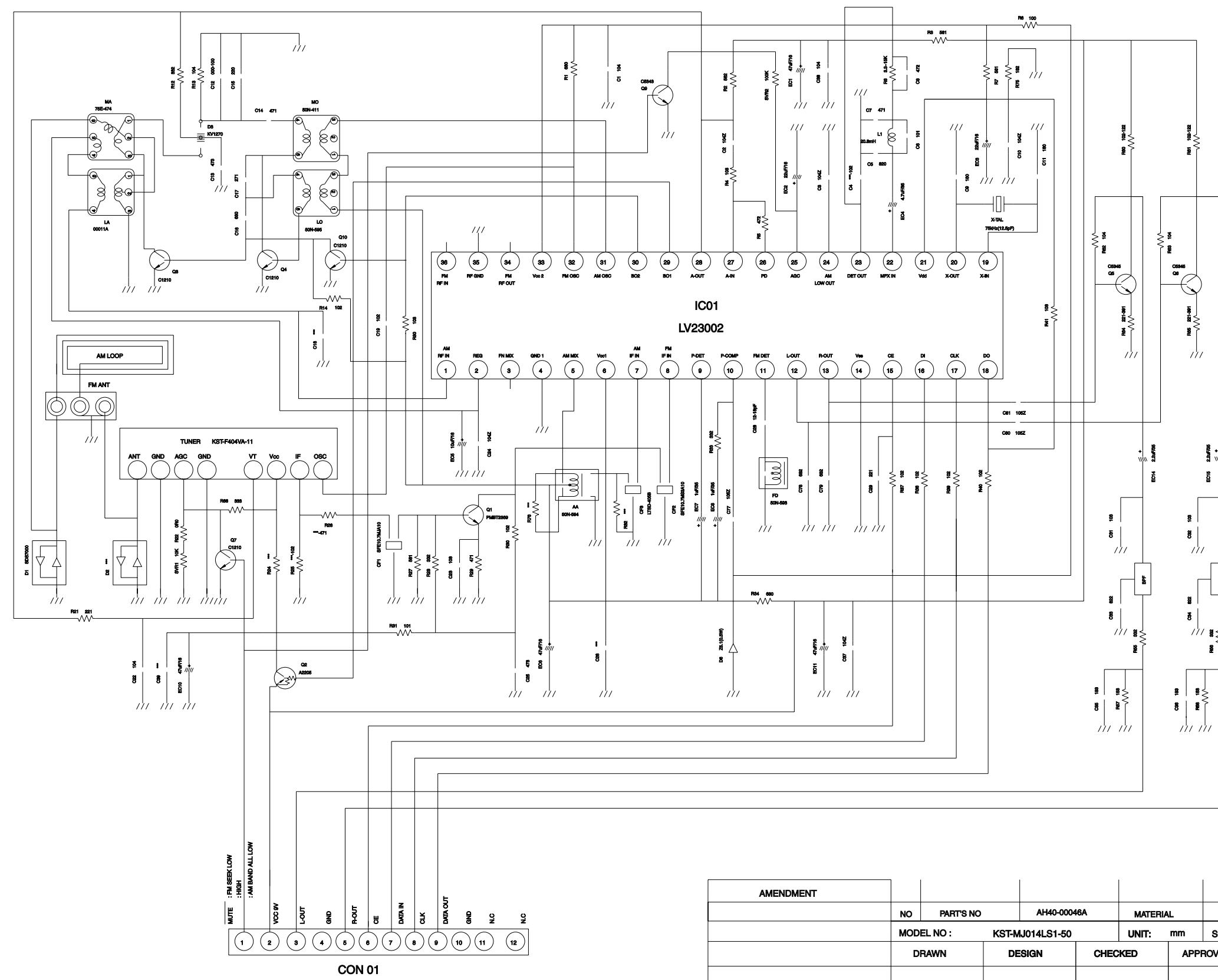




AMENDMENT							
	NO	PART'S NO	AH40-00044A	MATERIAL	SIZE	TREATMENT	REMARK
	MODEL NO : KST-MJ011MS0-52			UNIT: mm	SCALE:		DATE: 2003. 02. 28
	DRAWN		DESIGN	CHECKED	APPROVED	DRAW NO	KSD-M092-52

KWANG SUNG ELECTRONICS CO.,LTD.

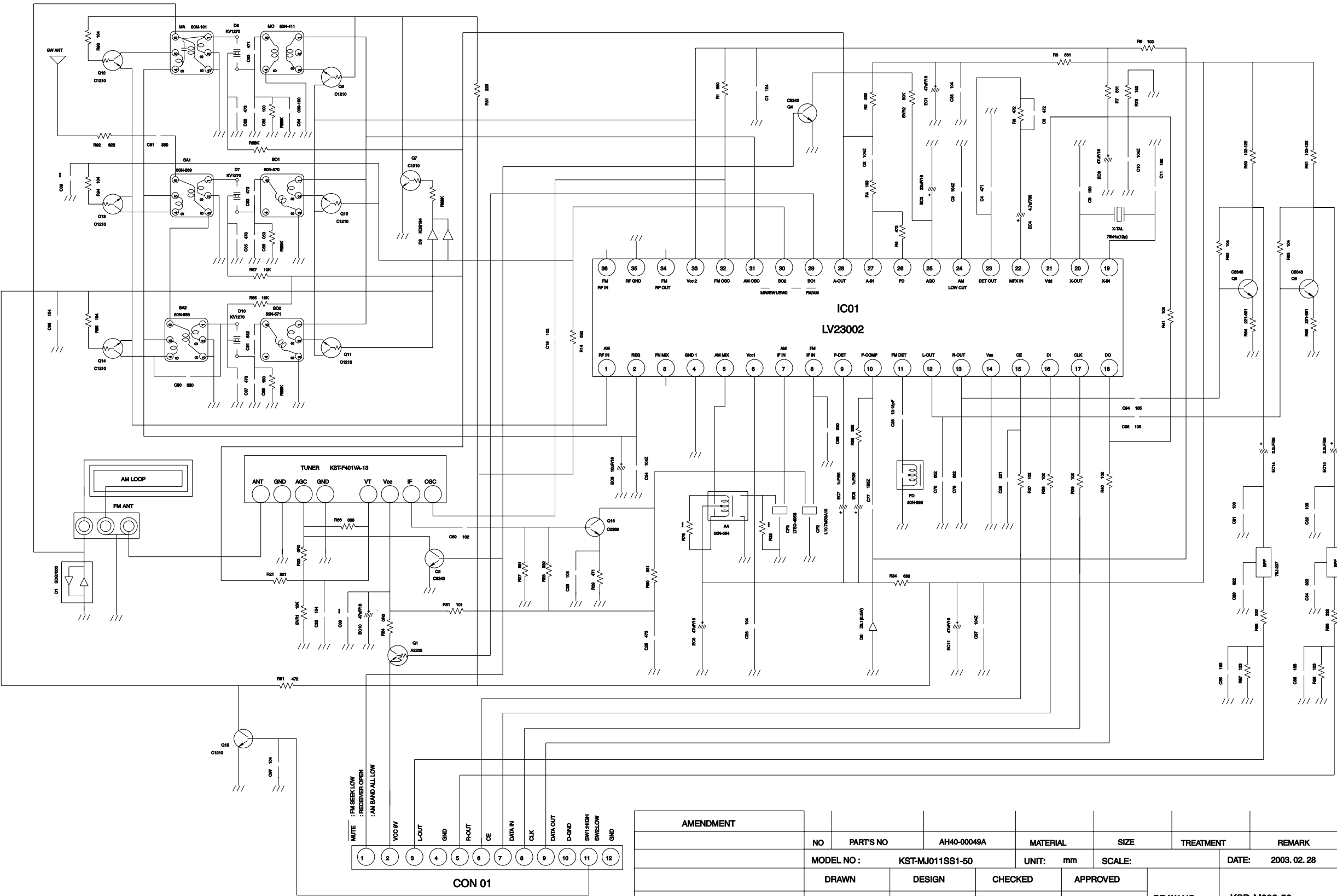
7-3-5 TUNER(L-BAND)



AMENDMENT		NO	PART'S NO	AH40-00046A	MATERIAL	SIZE	TREATMENT	REMARK
		MODEL NO : KST-MJ014LS1-50			UNIT: mm	SCALE:	DATE: 2003. 02. 28	
		DRAWN	DESIGN	CHECKED	APPROVED	DRAW NO	KSD-M092-50	
							SCHEMATIC DIAGRAM	
						NAME		

KWANG SUNG ELECTRONICS CO.,LTD.

7-3-6 TUNER(SW-BAND)



AMENDMENT											
NO	PART'S NO	AH40-00049A		MATERIAL		SIZE		TREATMENT		REMARK	
		MODEL NO : KST-MJ011SS1-50				UNIT: mm		SCALE:		DATE: 2003. 02. 28	
		DRAWN		DESIGN		CHECKED		APPROVED		DRAW NO KSD-M092-56	
								NAME		SCHEMATIC DIAGRAM	

KWANG SUNG ELECTRONICS CO.,LTD.