



MICRO COMPONENT SYSTEM

MM-B7/ ZB7

SERVICE Manual

MICRO COMPONENT SYSTEM



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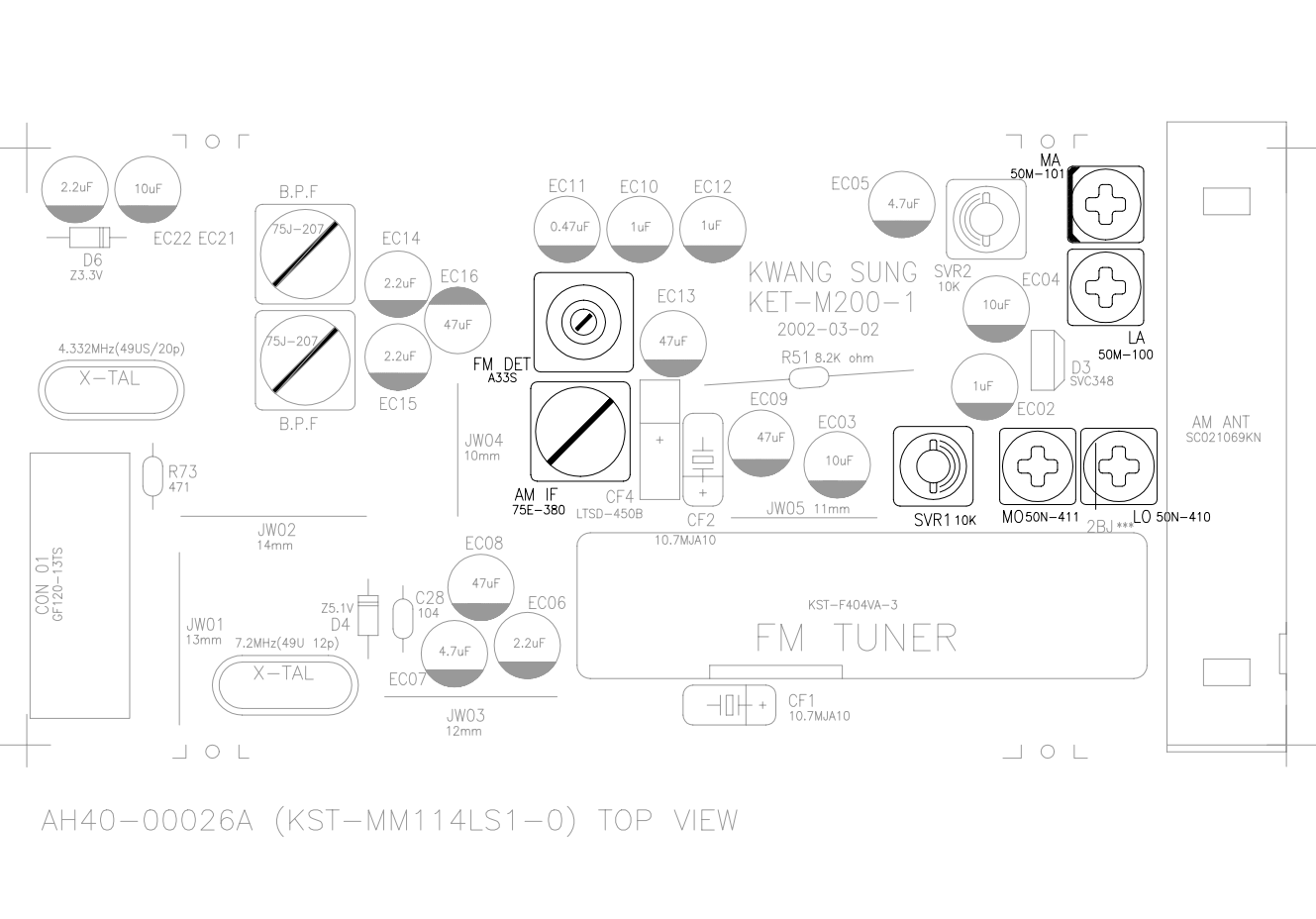
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ELECTRONICS

1. Alignment and Adjustments

1. Tuner



* Adjustment Location of Tuner PCB

ITEM	AM(MW) OSC Adjustment	AM(MW) RF Adjustment	LW OSC Adjustment	AM(MW) 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)

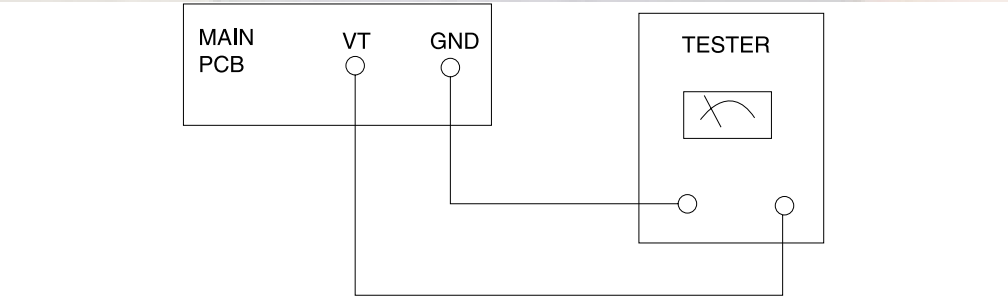


Fig 1-4 OSC Voltage

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

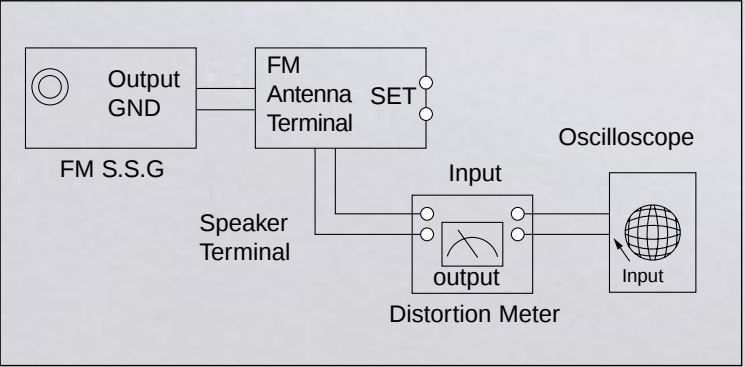


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (SVR1)	BEACON SENSITIVITY SEMI-VR(20KΩ)
Output	28 dB(±2dB)
Adjust SVR1 so that "TUNED" of FLT is lighted (Figure 1-2)	

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

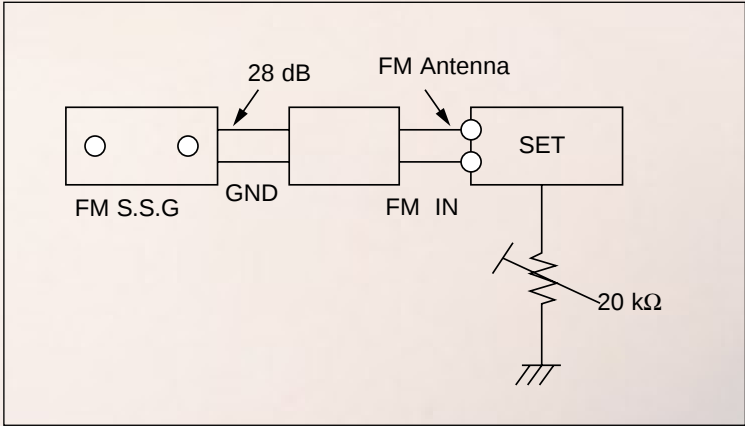


Figure1-2 FM Auto Search Level Adjustment

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

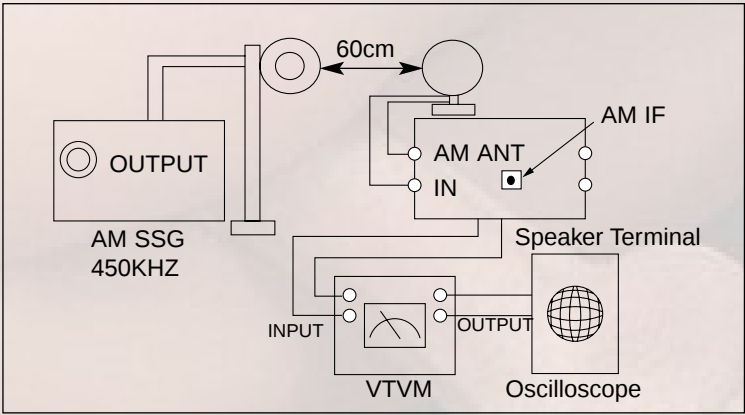


Figure1-3 AM I.F Adjustment

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.

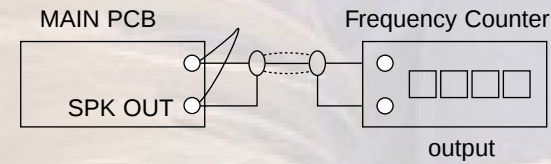


Figure 1-5

Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	NOR SPEED Control	SPK OUT (connected to the frequency counter)	1) Deck :MTT-111 2) Press PLAY SW button	CVR1	3KHz	±1% range

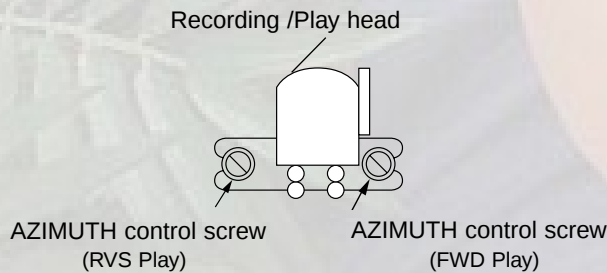


Figure 1-6

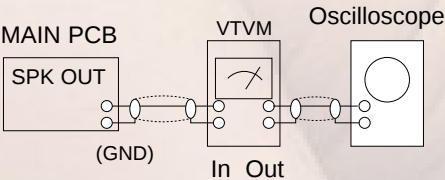


Figure 1-7

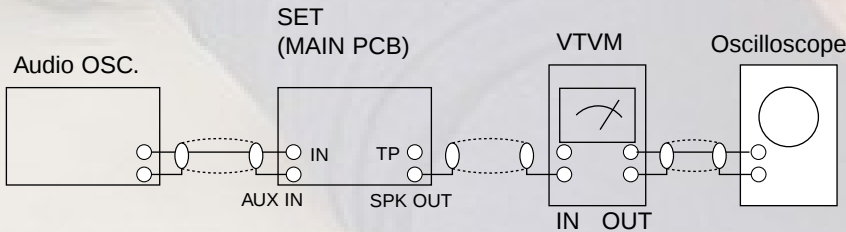


Figure 1-8

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 Play Level

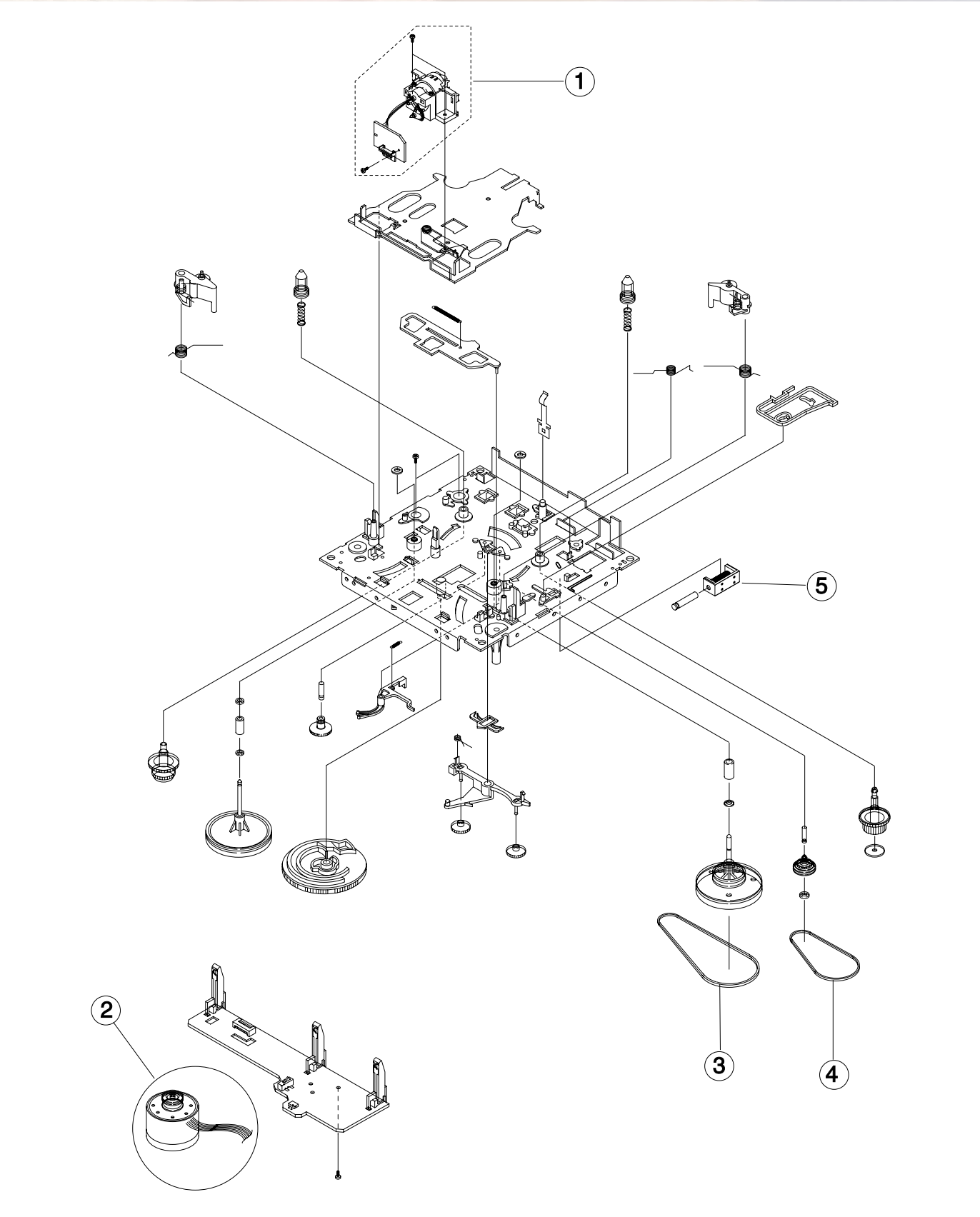
Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	AZIMUTH	SPK OUT (VTVM is connected to the scope)	After putting MTT-114N into Deck - Press FWD PLAY button.	- Turn the control screw to as shown in Figure 1-6.	Max output and same phase (both channels)	After adjustment secure it with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

2. Adjust Deck REC BIAS

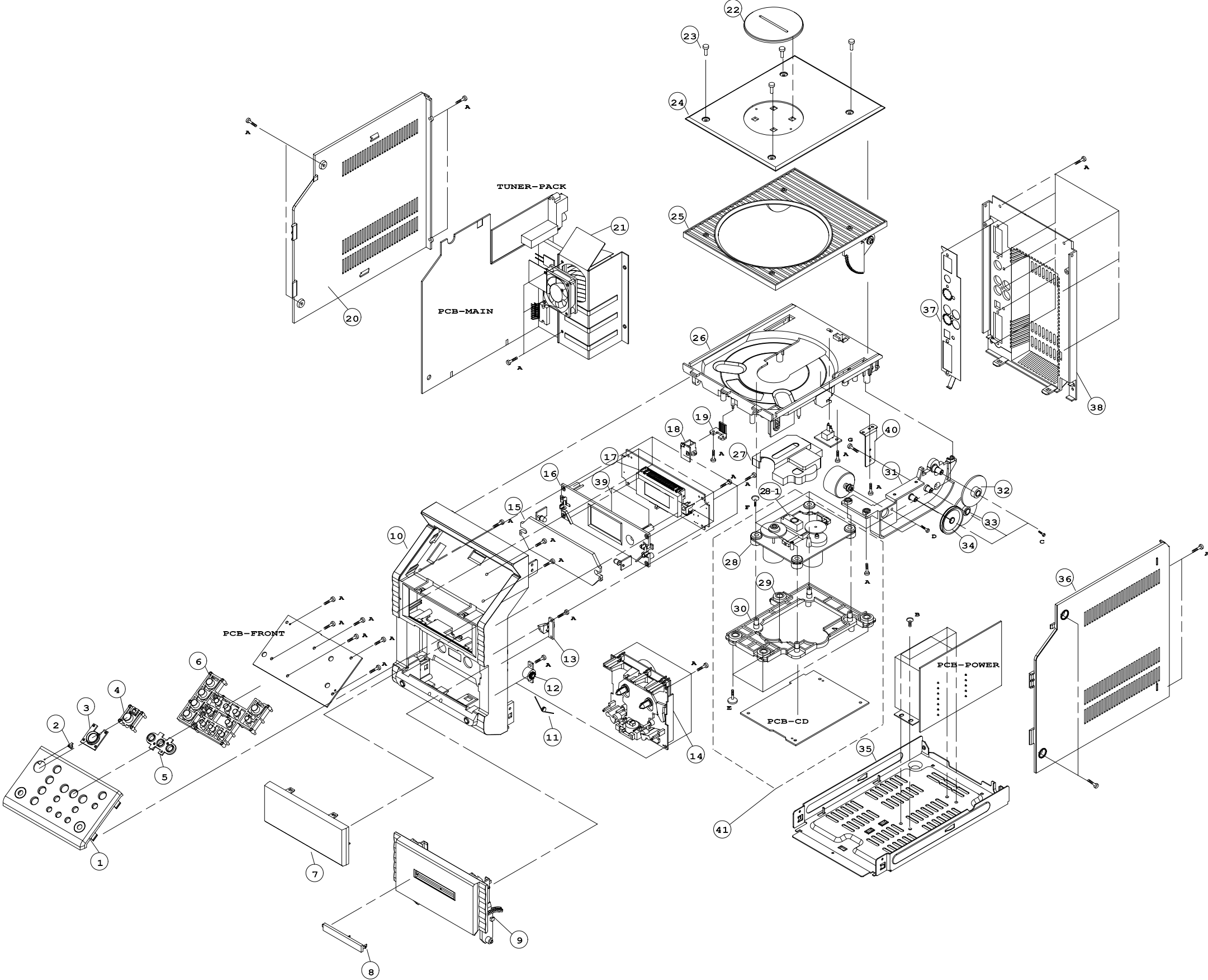
Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	Recording Bias Frequence		After putting MTT-5512 into Deck 1) Press REC PLAY button. 2) TAPE PCB JR1 L/R (by JWA1) ,connected to VTVM	- Turn JT1 to the right and left.	105KHz	
2	Recording Bias Voltage		After putting MTT-5512 into Deck 1) Press REC PLAY button. 2) TAPE PCB JR1 L/R (by JWA1) ,connected to VTVM	FIXed	CHECK TO 58mV(±10mV)	

2.Exploded Views and Parts List

2-1 Cassette Deck



No.	Code No.	Description	Specification	Remarks
	AH59-01080A	DECK-CASSETTE	ADR248BTR1	DC12V
1	AH81-00098A	A/S-HEAD ASSY	TR981A,14KHZ	MT91-11011S
2	AH81-00422A	A/S-ASSY MOTOR	CCM090L2	MT91-15013Y
3	AH81-00100A	A/S-BELT MAIN	ADR2400S-MAIN	6602-001037
4	AH81-00101A	A/S-BELT SUB	ADR2400S,34.7	6602-001055
5	AH81-00102A	A/S-SOLENOID	ADR2400-1	MT75-00049A

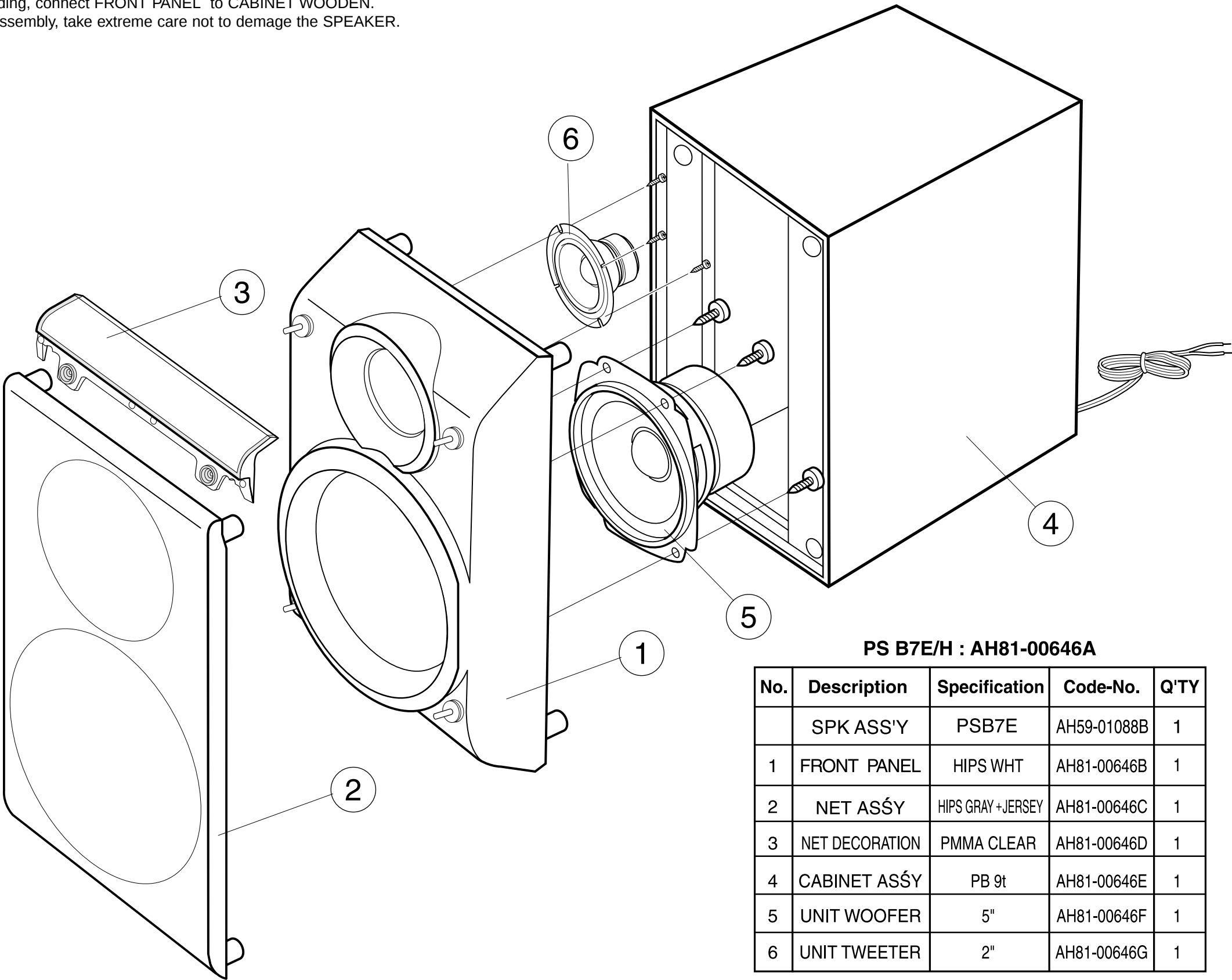


* Parts List

No.	Code No.	Description & Specification	Q'TY	Remarks	No.	Code No.	Description & Specification	Q'TY	Remarks
1	AH64-01899F	DECO-FRONT; ABS L/GRAY	1		38	AH64-01895A	CABINET-REAR; MIPS L/GRAY	1	
	AH64-01899G	DECO-FRONT; ABS L/GRAY	1			AH64-01895B	CABINET-REAR; MIPS L/GRAY	1	
2	AH67-00181A	LENS-STANDBY; PMMA MILKY	1		39	AH63-00439A	FILTER-VFD; KIMO 100	1	
3	AH67-00173A	LENS-POWER; PMMA RED	1		40	AH61-01128A	BRKT-H_GEAR:SECC T1.0	1	
4	AH64-01910B	KNOB-POWER; ABS L/GRAY	1		41	AH59-01083A	DECK-CD PACK MECHA ASSY	1	
5	AH67-00172A	LENS-DIR; PMMA BLUE	1						
6	AH64-01909B	KNOB-FUNCTION; ABS L/GRAY	1		A	6003-000276	SCREW-TAP TITE: BH 3X10 YEL	50	
7	AH64-01908B	WINDOW-VFD; PMMA CLR SMOKE	1		B	AH60-00014A	SCREW-TAP TITE: BH 4X6 YEL	4	
8	AH64-01907A	WINDOW-CASS; PC BLUE	1		C	AH60-10001A	SCREW-TAP TITE: PWH 2X5 pi7	3	
9	AH64-01902B	DOOR-CASS; ABS L/GRAY	1		D	AH60-10020B	SCREW: RH 2.6X5 YEL	2	
10	AH64-01894B	CABINET-FRONT; MIPS L/GRAY	1		E	AH64-01106H	SCREW-TAP TITE: BWH 3X10 pi12	4	
11	AH61-01073A	SPRING-EJ DOOR; SUS 304 1.0T	1		F	AH60-10180A	SCREW-TAP TITE: BWH 2.6X10 YEL pi10	4	
12	AH61-80030A	ASSY DAMPER; POM M0.8	1		G	6002-000126	SCREW-TAPING FH 3X10 BLK	2	
13	AH95-50001A	ASSY LATCH; MAX 555	1						
14	AH59-01080A	DECK-CASSETTE	1						
15	AH67-00174B	LENS-VFD; PMMA CLR	1						
	AH67-00174C	LENS-VFD; PMMA CLR	1						
16	AH61-01070A	HOLDER-VFD LENS; ABS BLACK	1						
17	AH61-01075A	HOLDER-VFD; ABS BLACK	1						
18	AH61-00644A	HOLDER-ILLUMINATION; ABS	1						
19	AH67-00175A	LENS-CD L; PMMA MILKY	1						
20	AH64-01896B	CABINET-SIDE L; MIPS L/GRAY	1						
21	AH61-01071A	BRACKET-H/S; SECC 1.0T	1						
22	AH64-01900B	DECO-TOP; ABS L/GRAY	1						
23	AH64-01106G	DECO-SCREW; SWCH16	1						
24	AH64-01905B	WIINDOW-TOP MOTOR; PMMA CLR SMOKE	1						
25	AH64-01903B	DOOR-CD MOTOR; PC+ABS	1						
26	AH64-01898B	CABINET-TOP; MIPS L/GRAY	1						
27	AH61-20529B	CAP-P/U	1						
28	AH59-01082A	DECK-CDP; CMS-P31BG6, SOH	1						
28-1	AH30-00037A	PICK-UP; SOH-AAH(1H20L), 100*80*45	1						
29	AH73-00010A	RUBBER-HOLDER; BUTYL	4						
30	AH61-01068A	HOLDER-CD; PC+ABS	1						
31	AH61-01069A	HOLDER-GEAR; PC+ABS	1						
32	AH66-00103A	GEAR-B; POM BLACK	1						
33	AH66-00102A	GEAR-A; POM BLACK	1						
34	AH66-00101A	GEAR-PULLEY; POM BLACK	1						
35	AH64-01911A	CABINET-BOTTOM; SECC 1.0T	1						
36	AH64-01897B	CABINET-SIDE R; MIPS L/GRAY	1						
37	AH67-01072A	BRKT-GND; PBS 0.3t	1						

2-3 SPEAKER Exploded View and Parts list

* CAUTION : It is used the bonding, connect FRONT PANEL to CABINET WOODEN.
So when the disassembly, take extreme care not to damage the SPEAKER.



3. Electrical Parts List

*S.N.A. : Service Not Available

Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
**** MM-B7 Parts List ****				R133	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
				R132	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
				MR3	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
				MR2	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
				R108	2007-000308	R-CHIP:100OHM,5%,1/10W,DA,TP,2012	
				R125	2007-000338	R-CHIP:120KOHM,5%,1/10W,DA,TP,2012	
				R124	2007-000338	R-CHIP:120KOHM,5%,1/10W,DA,TP,2012	
				R117	2007-000355	R-CHIP:12KOHM,5%,1/10W,DA,TP,2012	
				R121	2007-000409	R-CHIP:15KOHM,5%,1/10W,DA,TP,2012	
				R113	2007-000444	R-CHIP:180KOHM,5%,1/10W,DA,TP,2012	
				R110	2007-000457	R-CHIP:18KOHM,5%,1/10W,DA,TP,2012	
				R402	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
				R401	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
				R209	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
				R118	2007-000477	R-CHIP:1MOHM,5%,1/10W,DA,TP,2012	
				R202	2007-000477	R-CHIP:1MOHM,5%,1/10W,DA,TP,2012	
				R303	2007-000502	R-CHIP:2.2OHM,5%,1/10W,DA,TP,2012	
				R116	2007-000546	R-CHIP:20KOHM,5%,1/10W,DA,TP,2012	
				R210	2007-000572	R-CHIP:220OHM,5%,1/10W,DA,TP,2012	
				R208	2007-000572	R-CHIP:220OHM,5%,1/10W,DA,TP,2012	
				R207	2007-000572	R-CHIP:220OHM,5%,1/10W,DA,TP,2012	
				R204	2007-000572	R-CHIP:220OHM,5%,1/10W,DA,TP,2012	
				R128	2007-000653	R-CHIP:27KOHM,5%,1/10W,DA,TP,2012	
				R129	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP,2012	
				R123	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP,2012	
				R126	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP,2012	
				R120	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP,2012	
				R104	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP,2012	
				R103	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP,2012	
				R102	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP,2012	
				R101	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP,2012	
				R115	2007-001177	R-CHIP:8.2KOHM,5%,1/10W,DA,TP,2012	
				R112	2007-001195	R-CHIP:820KOHM,5%,1/10W,DA,TP,2012	
				R127	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP,2012	
				R119	2007-001208	R-CHIP:82KOHM,5%,1/10W,DA,TP,2012	
				R106	2007-001208	R-CHIP:82KOHM,5%,1/10W,DA,TP,2012	
				R105	2007-001208	R-CHIP:82KOHM,5%,1/10W,DA,TP,2012	
				R107	2007-001216	R-CHIP:820OHM,5%,1/10W,DA,TP,2012	
				R301	2008-000140	R-FUSIBLE:2.2ohm,5%,1/2W,AA,TP,3.5x9.4mm	
				C205	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C211	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C213	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C216	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C218	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C220	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C402	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C204	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C115	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C116	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C118	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C124	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C132	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C130	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C129	2203-000203	C-CERAMIC,CHIP:100nF10%,16V,X7R,TP,2012	
				C401	2203-000260	C-CERAMIC,CHIP:10nF10%,50V,X7R,TP,2012	
				C207	2203-000260	C-CERAMIC,CHIP:10nF10%,50V,X7R,TP,2012	
				C134	2203-000260	C-CERAMIC,CHIP:10nF10%,50V,X7R,TP,2012	
				C103	2203-000260	C-CERAMIC,CHIP:10nF10%,50V,X7R,TP,2012	
				C105	2203-000260	C-CERAMIC,CHIP:10nF10%,50V,X7R,TP,2012	
				C121	2203-000260	C-CERAMIC,CHIP:10nF10%,50V,X7R,TP,2012	
				C124	2203-000347	C-CERAMIC,CHIP:150nF10%,50V,NP0,TP,2012	
				JW9<->JW10	2203-000477	C-CERAMIC,CHIP:1uF,+80-20%,16V,Y5V,TP,20	
				C126	2203-000495	C-CERAMIC,CHIP:2.2nF10%,50V,X7R,TP,2012	
				C127	2203-000595	C-CERAMIC,CHIP:0.22nF5%,50V,NP0,TP,2012	
				C119	2203-000802	C-CERAMIC,CHIP:33nF10%,50V,X7R,TP,2012	
				C128	2203-000802	C-CERAMIC,CHIP:33nF10%,50V,X7R,TP,2012	
				C125	2203-000840	C-CERAMIC,CHIP:0.39nF5%,50V,NP0,TP,2012	
				C111	2203-000892	C-CERAMIC,CHIP:4.7nF10%,50V,X7R,TP,2012	
				C112	2203-000892	C-CERAMIC,CHIP:4.7nF10%,50V,X7R,TP,2012	
				C135	2203-000919	C-CERAMIC,CHIP:470nF+80-20%,16V,Y5V,TP	
				C120	2203-000919	C-CERAMIC,CHIP:470nF+80-20%,16V,Y5V,TP	
				C109	2203-001026	C-CERAMIC,CHIP:0.004nF0.25pF,50V,SL,TP	
				C124A	2203-001063	C-CERAMIC,CHIP:56nF10%,16V,X7R,TP,1608	
				C122	2203-001137	C-CERAMIC,CHIP:68nF+80-20%,50V,Y5V,TP,2	
				C106	2203-001137	C-CERAMIC,CHIP:68nF+80-20%,50V,Y5V,TP,2	
				C203	2203-001223	C-CERAMIC,CHIP:0.82nF10%,50V,X7R,TP,201	
				C502R	2203-001537	C-CERAMIC,CHIP:1nF10%,50V,X7R,TP,2012	
				C502L	2203-001537	C-CERAMIC,CHIP:1nF10%,50V,X7R,TP,2012	
				C117	2203-001537	C-CERAMIC,CHIP:1nF10%,50V,X7R,TP,2012	
				C102	2203-001537	C-CERAMIC,CHIP:1nF10%,50V,X7R,TP,2012	
				C104	2203-001551	C-CERAMIC,CHIP:1.5nF10%,50V,X7R,TP,2012	
				C202	2203-001619	C-CERAMIC,CHIP:0.027nF5%,50V,NP0,TP,201	
				C201	2203-001619	C-CERAMIC,CHIP:0.027nF5%,50V,NP0,TP,201	
				C123	2401-000407	C-AL:10uF20%,16V,GP,TP,3.5x5.2,5	
				C303	2401-001102	C-AL:330uF20%,16V,GP,TP,8x11.5mm,5	
				C301	2401-001102	C-AL:330uF20%,16V,GP,TP,8x11.5mm,5	
				C501R	2401-001238	C-AL:4.7uF20%,25V,GP,3.5x2.5MM,TP	
				C501L	2401-001238	C-AL:4.7uF20%,25V,GP,3.5x2.5MM,TP	
				C114	2401-001238	C-AL:4.7uF20%,25V,GP,3.5x2.5MM,TP	
IC401							
X201							
CW105							
CW101							
CW103							
CW106							
ZD301							
ZD401							
Q302							
Q101							
Q301							
IC201							
IC301							
IC101							
R502L							
R805							
R804							
R213							
R212							
R211							
R205							
OR806							
R803							
R206							
R302							
R114							
J46							
J44							
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J6							
J5							
J15							
J13							
J12							
J10							
J1							
J16							
J20							
J2							
J19							
J18							
J17							
R501L							
R501R							
R502R							

Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
C210	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		UD12	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
C215	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		VD8	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
C217	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		VD7	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
C304	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		VD5	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
C131	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		UD17	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
C108	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		UD15	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
C107	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		UD13	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
C101	2401-001934	C-AL:220uF20%, 6.3VGP, 6.3x7,-		FD1	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
DL1	2701-000111	INDUCTOR-AXIAL,100uH,10%,2.5x3.4mm		AD2	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
	AH59-01088B	SPEAKER SYSTEM;PSB7E,-,-----,ELS,-		AD13	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
	AH92-01554A	ASSY PCB;MM-VB9,-		AD12	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
				AD11	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
				AD10	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
RD4	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		AD1	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
RD3	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		AD20	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
RD2	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		AD9	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
RD1	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		AD8	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
RQ2	0502-000419	TR-POWER,-,PNP,25W,TO-220FBK,100-200		AD7	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
RQ1	0503-001013	TR-DARLINGTON;2SD2494,NPN,60W,TO-3PBK,6		AD25	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
ULD1	0601-001432	LED;ROUND,BLUE,3mm,455nm		AD4	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
ULD2	0601-001432	LED;ROUND,BLUE,3mm,455nm		AD5	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
ULD6	0601-001432	LED;ROUND,BLUE,3mm,455nm		VD6	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
OJACK1	0603-001069	OPTIC TRANSMITTER;SV,8Mbps,-,-17dBm,660n		UD2	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
AIC1	1201-001026	IC-POWER AMP;7265,ZIP,1P,19.6ML,DUAL,0.1		UD14	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
RIC1	1203-000242	IC-POSIFIXED REG.-7812,TO-220,3P,-,PLAS		UD1	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
RIC2	1203-000276	IC-POSIFIXED REG.-7805,TO-220,3P,-,PLAS		RD14	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RR1	2003-000556	R-METAL OXIDE(S);2.2ohm,5%,2W,AA,TP4x12		RD15	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RR2	2003-000701	R-METAL OXIDE(S);470ohm,5%,2W,AA,TP4x12		RD17	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
PC2	2201-000546	C-CERAMIC,DISC;4.7nF,20%,400V,Y5U,BK,16x		RD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
PC1	2201-000546	C-CERAMIC,DISC;4.7nF,20%,400V,Y5U,BK,16x		RD9	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AC3	2401-001883	C-AL;1000uF,20%,25VGPBK,16x25mm,5		RD10	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AC3L	2401-001883	C-AL;1000uF,20%,25VGPBK,16x25mm,5		AD1L	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AC3R	2401-001883	C-AL;1000uF,20%,25VGPBK,16x25mm,5		AD1R	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RC4	2401-001942	C-AL;3300uF,20%,35VGPBK,18x35.5mm		AD3	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RC2	2401-002258	C-AL;4700uF,20%,50VGP,-,22x40mm,5m		CD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UX2	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AA,Y12.5		CD2	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UX1	2802-001157	RESONATOR-CERAMIC,6MHZ,-,BK,8X5.5X3MM		RD6	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
OBF1	2901-001139	FILTER-EMI ON BOARD;50V,5A,-,390PF,7X2		RD7	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
	3103-001105	FAN-DC;12V,100MA,4000RPM,-,1.33MMH20		RD8	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
USW31	3409-001119	SWITCH-DETECTOR;5V DC,1.0A,DPST,30gf,-		RD5	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
PF1	3601-000170	FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,GLASS,		RD13	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
PF4	3601-000282	FUSE;250V,4A,TIME-LAG,GLASS,5.2x20mm		RD12	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
PF2	3601-000318	FUSE-CARTRIDGE;250V,800mA,TIME-LAG,GLASS		RD11	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
FWA2	3708-001094	CONNECTOR-FPC/FFC/PIC;13P,1.25mm,STRAIGH		RZD3	0403-000354	DIODE-ZENER;UZ5.1B,5.1V,4.8-5.4V,500mW,D	
FWA4	3708-001195	CONNECTOR-FPC/FFC/PIC;27P,1.25mm,STRAIGH		FZD1	0403-000372	DIODE-ZENER;UZ9.1BM,9.1V,8.7-9.4V,500mW,D	
UWA6	3708-001212	CONNECTOR-FPC/FFC/PIC;27P,1.25mm,STRAIGH		RZD2	0403-000390	DIODE-ZENER;UZP33B,33V,31.4-34.6V,1W,DO-	
UWA9	3708-001723	CONNECTOR-FPC/FFC/PIC;17P,1.25MM,ANGLE,S		RZD4	0403-000396	DIODE-ZENER;UZP6.8B,6.8V,6.4-7.2V,1W,DO-	
PWA1	3711-000190	CONNECTOR-HEADER;1WALL,2P1R,7.92mm,STRA		RZD1	0403-001009	DIODE-ZENER;UZP27BHCC,27V,27-30V,1W,DO-4	
QWA3	3711-000820	CONNECTOR-HEADER;BOX,2P1R,2.5mm,STRAIGH		JQ4	0501-000010	TR-SMALL SIGNAL,KSC1008,NPN,800mW,TO-92,	
UWA10	3711-000826	CONNECTOR-HEADER;BOX,2P1R,2mm,ANGLE,SN		AQ6	0501-000010	TR-SMALL SIGNAL,KSC1008,NPN,800mW,TO-92,	
UWA4	3711-000826	CONNECTOR-HEADER;BOX,2P1R,2mm,ANGLE,SN		AQ5	0501-000010	TR-SMALL SIGNAL,KSC1008,NPN,800mW,TO-92,	
QWA2	3711-000907	CONNECTOR-HEADER;BOX,3P1R,2mm,STRAIGHT,		AQ3	0501-000010	TR-SMALL SIGNAL,KSC1008,NPN,800mW,TO-92,	
FWA3	3711-000907	CONNECTOR-HEADER;BOX,3P1R,2mm,STRAIGHT,		QQ1	0501-000294	TR-SMALL SIGNAL,KSA708-Y,PNP,800mW,TO-92	
UWA1	3711-000967	CONNECTOR-HEADER;BOX,4P1R,2mm,ANGLE,SN		JQ3	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
AWA1	3711-001011	CONNECTOR-HEADER;BOX,5P1R,2.5mm,STRAIGH		RQ5	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
PWA2	3711-001098	CONNECTOR-HEADER;BOX,7P1R,2.5mm,STRAIGH		UQ1	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
FWA1	3711-001137	CONNECTOR-HEADER;BOX,8P1R,2mm,STRAIGHT,		UQ3	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
SPK JACK	3716-001191	TERMINAL-BLOCK;SOLDER,4P9,1MM,60V,7A		UQ5	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
AUX JACK	3722-000377	JACK-PIN;4P2C,3.5mm,SN,BLK,-,16-22		JQ2R	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
HJACK1	3722-001588	JACK-PHONE;7P,3.6PIAG,BLK,-		CQ1	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
	AH07-00044A	VF DISPLAY;HNA-09MS17T,W2000,29°66.9°22		CQ2	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
JLF1L	AH26-10002W	TRANS TRAP-COIL,BIAS-TRAP105K,BIAS-TRAP,		JQ1L	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
JLF1R	AH26-10002W	TRANS TRAP-COIL,BIAS-TRAP105K,BIAS-TRAP,		JQ1R	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
JT1	AH26-10003C	TRANS TRAP-COIL;PCHNS-5371EQ1,BIAS-TRAP,		JQ2L	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T	
PL2	AH27-10001F	COIL-CHOKO;27uH,K,Q30,-,-,DR(6.5°7.5),-,		QQ2	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9	
PL1	AH27-10001F	COIL-CHOKO;27uH,K,Q30,-,-,DR(6.5°7.5),-,		FQ1R	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9	
AL3R	AH27-90001A	COIL-SPRING;-2.2uH,-,-,SPRING,-,-,-,-		FQ1L	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9	
AL3L	AH27-90001A	COIL-SPRING;-2.2uH,-,-,SPRING,-,-,-,-		AQ1R	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9	
AL2R	AH27-90001A	COIL-SPRING;-2.2uH,-,-,SPRING,-,-,-,-		AQ1L	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9	
AL2L	AH27-90001A	COIL-SPRING;-2.2uH,-,-,SPRING,-,-,-,-		RQ6	0501-000610	TR-SMALL SIGNAL,KSA928A-Y,PNP,1W,TO-92L,	
	AH31-10021A	MOTOR-DC;RF-500T8,9VDC/130mA,		RQ3	0501-000610	TR-SMALL SIGNAL,KSA928A-Y,PNP,1W,TO-92L,	
CWA1	AH39-00019A	LEAD CONNECTOR ASSY;-GT201-11,35023,11P		JQ2	0501-000610	TR-SMALL SIGNAL,KSA928A-Y,PNP,1W,TO-92L,	
UWA3	AH39-00085A	LEAD CONNECTOR ASSY;-51004,5295,3P,150M		CQ4	0501-000610	TR-SMALL SIGNAL,KSA928A-Y,PNP,1W,TO-92L,	
OWA1	AH39-00096B	LEAD CONNECTOR ASSY;RXD-DV9,#1007,28,AWG		CQ3	0501-000610	TR-SMALL SIGNAL,KSA928A-Y,PNP,1W,TO-92L,	
UWA14	AH39-00109A	LEAD CONNECTOR ASSY;-5295,51004,2P,140M		AQ8	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
UWA7	AH39-00109A	LEAD CONNECTOR ASSY;-5295,51004,2P,140M		QJ10	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
GND	AH39-00134A	WIRE HARNESS;-RING,1007#24,60MM,BLK,-,-		RQ4	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
UWA2	AH39-00352T	LEAD CONNECTOR ASSY;MM-B7,1007#22,-,5P2		AQ1	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
RWA1	AH39-00352U	LEAD CONNECTOR ASSY;MM-B7,1007#22,-,7P1		AQ4	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
QWA1	AH39-00352V	LEAD CONNECTOR ASSY;MM-B7,1007#28,-,3P2		AQ7	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
UWA11	AH39-00352W	LEAD CONNECTOR ASSY;MM-B7,1007#28,-,3P2		UQ6	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-	
JWA1	AH39-00352X	LEAD CONNECTOR ASSY;MM-B7,1533#28,-,6P2		JQ1	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-	
UWA5	AH39-00352Z	LEAD CONNECTOR ASSY;MM-B7,1007#28,-,4P1		FQ1	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-	
UWA15	AH39-00419A	LEAD CONNECTOR ASSY;MM-B7,UL2486(TA)-,4		AQ2	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-	
UWA16	AH39-00419A	LEAD CONNECTOR ASSY;MM-B7,UL2486(TA)-,4		ULD3	0601-001238	LED;ROUND,RED,3.1mm,697nm	
UEYE	AH59-60001J	MODULE REMOCON;GP1U271R,38KHZ,-,MESH,-		JIC1	1201-001819	IC-PREAMP,-,-,44P,-,-,PLASTIC,18V,625M	
	AH61-01075A	HOLDER-VFD;MM-Z87,ABS,94HB,-,-,-,-,-		FIC1	1204-001776	IC-SOUND PROCESSOR;TDA7442D,SOP28P,295M	
	AH66-10025A	PULLEY-MOTOR;-POM,-,CMS-100		JR8L	2001-000008	R-CARBON;15kohm,5%,1/8W,AA,TP,1.8x3.2mm	
	AH94-00998A	ASSY CHIP;MM-VB9,-		JR8R	2001-000008	R-CARBON;15kohm,5%,1/8W,AA,TP,1.8x3.2mm	
UD11	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		RR9	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4x6.4	
RD16	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		RR10	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4x6.4	
QD2	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		RR8	2001-000052	R-CARBON(S);3.3kohm,5%,1/2W,AA,TP,2.4x6	
QD1	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		RR7	2001-000052	R-CARBON(S);3.3kohm,5%,1/2W,AA,TP,2.4x6	
JD1	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		AR13	2001-000052	R-CARBON(S);3.3kohm,5%,1/2W,AA,TP,2.4x6	
FD2	0401-000101	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,					

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Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
AR2L	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC3	2203-000979	C-CERAMIC,CHIP:47nF,10%,50V,X7R,TP2012	
AR3R	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC12	2203-000979	C-CERAMIC,CHIP:47nF,10%,50V,X7R,TP2012	
FR1	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC10	2203-000979	C-CERAMIC,CHIP:47nF,10%,50V,X7R,TP2012	
FR6L	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		FC10L	2203-001036	C-CERAMIC,CHIP:5.6nF,10%,50V,X7R,TP2012	
UR88	2007-000565	R-CHIP:220KOHM,5%,1/10W,DA,TP2012		FC10R	2203-001036	C-CERAMIC,CHIP:5.6nF,10%,50V,X7R,TP2012	
FR12R	2007-000565	R-CHIP:220KOHM,5%,1/10W,DA,TP2012		JC1R	2203-001132	C-CERAMIC,CHIP:0.68nF,5%,50V,NP0,TP2012	
FR12L	2007-000565	R-CHIP:220KOHM,5%,1/10W,DA,TP2012		JC1L	2203-001132	C-CERAMIC,CHIP:0.68nF,5%,50V,NP0,TP2012	
UR25	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		JC20R	2203-001537	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP2012	
JR2R	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		JC20L	2203-001537	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP2012	
JR2L	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		AC2R	2203-001537	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP2012	
FR3R	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		AC2L	2203-001537	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP2012	
FR3L	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		UC2	2203-001611	C-CERAMIC,CHIP:0.022nF,5%,50V,NP0,TP201	
AR1	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		UC1	2203-001611	C-CERAMIC,CHIP:0.022nF,5%,50V,NP0,TP201	
UR56	2007-000686	R-CHIP:3.3KOHM,5%,1/10W,DA,TP2012		AC12R	2301-000375	C-FILM,PEF,100nF,5%,50V,TP11x12.5x6.5,7	
MR63	2007-000686	R-CHIP:3.3KOHM,5%,1/10W,DA,TP2012		AC12L	2301-000375	C-FILM,PEF,100nF,5%,50V,TP11x12.5x6.5,7	
MR64	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC3L	2301-000379	C-FILM,PEF,10nF,10%,50V,TP6x12x3.5mm,-	
MR66	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC3R	2301-000379	C-FILM,PEF,10nF,10%,50V,TP6x12x3.5mm,-	
RR30	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC7	2301-000390	C-FILM,PEF,15nF,10%,50V,TP7x12x3.5mm,-	
UR19	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC6	2301-000404	C-FILM,PEF,2.2nF,10%,50V,TP5.5x12x3mm,-	
UR32	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC9	2301-000407	C-FILM,PEF,2.2nF,10%,50V,TP5.5x12x3mm,-	
UR57	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		RC10	2401-000240	C-AL,100uF,20%,10V,GP,TP5x11.5	
AR14	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		OC1	2401-000240	C-AL,100uF,20%,10V,GP,TP5x11.5	
JR3L	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		USC1	2401-000243	C-AL,100uF,20%,10V,GP,TP6.3x5.5	
JR3R	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		UC4	2401-000244	C-AL,100uF,20%,10V,GP,TP6.3x7.5	
JR4	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		RC11	2401-000325	C-AL,100uF,20%,35V,GP,-,8x11.5,3.5mm	
JR4L	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		RC8	2401-000357	C-AL,100uF,0.2,50V,GP,TP8x12.5mm,SSL	
JR4R	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		FC1	2401-000419	C-AL,100uF,20%,16V,GP,-,5X11.5	
JR18	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP2012		AC6	2401-000419	C-AL,100uF,20%,16V,GP,-,5X11.5	
JR17	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP2012		AC5	2401-000419	C-AL,100uF,20%,16V,GP,-,5X11.5	
AR18	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP2012		AC1	2401-000419	C-AL,100uF,20%,16V,GP,-,5X11.5	
FR8R	2007-000981	R-CHIP:5.6KOHM,5%,1/10W,DA,TP2012		RC7	2401-000475	C-AL,100uF,20%,50V,GP,TP5x11mm,5mm	
FR8L	2007-000981	R-CHIP:5.6KOHM,5%,1/10W,DA,TP2012		RC5	2401-000795	C-AL,220uF,20%,16V,GP,TP8x12mm,5mm	
UR5	2007-001024	R-CHIP:560KOHM,5%,1/10W,DA,TP2012		AC2	2401-000970	C-AL,22uF,20%,50V,WT,TP5x11.5	
AR4R	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP2012		UC5	2401-001355	C-AL,470uF,20%,10V,GP,TP8x11.5mm,5	
AR4L	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP2012		RC25	2401-001364	C-AL,470uF,20%,16V,GP,TP10x12.5,5	
JR6L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		QC1	2401-001465	C-AL,47uF,20%,10V,GP,TP5x11mm,5mm	
JR6R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		UC9	2401-001511	C-AL,47uF,20%,16V,GP,TP7.5mm,TP	
JR9L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		RC9	2401-001572	C-AL,47uF,20%,50V,GP,TP6.3x11mm,5mm	
JR9R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		AC50	2401-001572	C-AL,47uF,20%,50V,GP,TP6.3x11mm,5mm	
JR10L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		CC1	2401-001895	C-AL,100uF,20%,16V,GP,TP6.3x11.5mm,TP	
JR10R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		QC2	2401-001895	C-AL,100uF,20%,16V,GP,TP6.3x11.5mm,TP	
JR5L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		JC8	2401-001895	C-AL,100uF,20%,16V,GP,TP6.3x11.5mm,TP	
JR5R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		JC3	2401-001895	C-AL,100uF,20%,16V,GP,TP6.3x11.5mm,TP	
UR58	2007-001177	R-CHIP:8.2KOHM,5%,1/10W,DA,TP2012		FC5	2401-001895	C-AL,100uF,20%,16V,GP,TP6.3x11.5mm,TP	
FR1R	2007-001177	R-CHIP:8.2KOHM,5%,1/10W,DA,TP2012		RC6	2401-001912	C-AL,1uF,20%,50V,GP,TP5x11.5mm,TP	
FR1L	2007-001177	R-CHIP:8.2KOHM,5%,1/10W,DA,TP2012		JC8R	2401-001912	C-AL,1uF,20%,50V,GP,TP5x11.5mm,TP	
UR3	2007-001654	R-CHIP:10MOHM,1%,1/10W,DA,TP201		JC8L	2401-001912	C-AL,1uF,20%,50V,GP,TP5x11.5mm,TP	
RR12	2008-000135	R-FUSIBLE:10hm,5%,1/2W,AA,TP3.3x9mm		JC30	2401-001912	C-AL,1uF,20%,50V,GP,TP5x11.5mm,TP	
RR13	2008-000135	R-FUSIBLE:10hm,5%,1/2W,AA,TP3.3x9mm		AC1L	2401-001912	C-AL,1uF,20%,50V,GP,TP5x11.5mm,TP	
CVR1	2103-000341	VR-SEMI:2kohm,30%,1/10W,TOP		AC1R	2401-001912	C-AL,1uF,20%,50V,GP,TP5x11.5mm,TP	
VC1	2201-000161	C-CERAMIC,DISC:10nF,+80-20%,500V,Y5V,TP		JC1	2401-001912	C-AL,1uF,20%,50V,GP,TP5x11.5mm,TP	
RC3	2201-000161	C-CERAMIC,DISC:10nF,+80-20%,500V,Y5V,TP		UC54	2401-001931	C-AL,220nF,20%,50V,-,TP4x7mm,5	
RC1	2201-000161	C-CERAMIC,DISC:10nF,+80-20%,500V,Y5V,TP		UC8	2401-001952	C-AL,4.7uF,20%,50V,GP,TP5x7mm,5mm	
AC7R	2201-000546	C-CERAMIC,DISC:4.7nF,20%,400V,Y5U,BK,16x		UC7	2401-001952	C-AL,4.7uF,20%,50V,GP,TP5x7mm,5mm	
AC7L	2201-000546	C-CERAMIC,DISC:4.7nF,20%,400V,Y5U,BK,16x		UC6	2401-001952	C-AL,4.7uF,20%,50V,GP,TP5x7mm,5mm	
AC8L	2201-000565	C-CERAMIC,DISC:47nF,+80% -20% 50V Y5V 12		JC5R	2401-001954	C-AL,4.7uF,20%,50V,GP,TP5x11mm,5mm	
AC8R	2201-000565	C-CERAMIC,DISC:47nF,+80% -20% 50V Y5V 12		JC5L	2401-001954	C-AL,4.7uF,20%,50V,GP,TP5x11mm,5mm	
RC100	2201-000783	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP		JC4	2401-001954	C-AL,4.7uF,20%,50V,GP,TP5x11mm,5mm	
FC8L	2202-000780	C-CERAMIC,MLC-AXIAL:100nF,+80-20%,50V,Y5		JC2	2401-001954	C-AL,4.7uF,20%,50V,GP,TP5x11mm,5mm	
JC6R	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP		JC2R	2401-001975	C-AL,47uF,20%,16V,GP,TP5x11mm,5mm	
AC4L	2202-000850	C-CERAMIC,MLC-AXIAL:2.2NF,20%,16V,Y5R		JC2L	2401-001975	C-AL,47uF,20%,16V,GP,TP5x11mm,5mm	
UC15	2202-000854	C-CERAMIC,MLC-AXIAL:47nF,30%,50V,Y5R,TP		FC6L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
JC4R	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012		FC5R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
JC4L	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012		FC5L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC9R	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012		FC4R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC9L	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012		FC6R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC8R	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012		FC7L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC24	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012		FC7R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC25	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012		JC9L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC26	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012		JC9R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC21	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012		AC4	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC22	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012		FC11L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
FC23	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012		FC11R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
UC53	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012		FC2L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
UC53	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012		FC2R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
JC7R	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012		FC4L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
JC7L	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012		FC4	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
JC6L	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012		FC3R	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
JC10R	2203-000495	C-CERAMIC,CHIP:2.2nF,10%,50V,X7R,TP2012		FC3L	2401-002180	C-AL,2.2uF,20%,50V,GP,TP5x11mm,5mm	
JC10L	2203-000495	C-CERAMIC,CHIP:2.2nF,10%,50V,X7R,TP2012		HL1R	2701-000177	INDUCTOR-AXIAL:33uH,10%,2.5x3.4mm	
AC4R	2203-000495	C-CERAMIC,CHIP:2.2nF,10%,50V,X7R,TP2012		HL1L	2701-000177	INDUCTOR-AXIAL:33uH,10%,2.5x3.4mm	
FC2	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		JL1	2701-000298	INDUCTOR-AXIAL:470uH,10%,4.2x9.8mm	
FC3	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		QL1	2701-000298	INDUCTOR-AXIAL:470uH,10%,4.2x9.8mm	
JC10	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		OB02	3301-000297	CORE-FERRITE BEAD:AA,3.6x1.2x5.7mm,1400	
JC11	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		OB01	3301-000297	CORE-FERRITE BEAD:AA,3.6x1.2x5.7mm,1400	
AC5L	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		USW3	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	
AC5R	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		USW4	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	
FC1L	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		USW5	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	
FC1R	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012		USW6	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	
UC52	2203-000609	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP2012		USW7	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	
UC15	2203-000609	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP2012		USW8	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	
OC3	2203-000609	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP2012		USW9	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	
OC2	2203-000818	C-CERAMIC,CHIP:0.033nF,5%,50V,NP0,TP201		USW2	3404-000165	SWITCH-TACT:12V/50mA,160gf,6x6mm,SPST	

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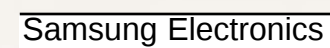
Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
C207	2203-000260	C-CERAMIC,CHIP,10nF,10%,50V,X7R,TP,2012		OWA1	3711-000907	CONNECTOR-HEADER,BOX,3P,1R,2mm,STRAIGHT,	
C134	2203-000260	C-CERAMIC,CHIP,10nF,10%,50V,X7R,TP,2012		FWA3	3711-000907	CONNECTOR-HEADER,BOX,3P,1R,2mm,STRAIGHT,	
C121	2203-000260	C-CERAMIC,CHIP,10nF,10%,50V,X7R,TP,2012		UWA1	3711-000967	CONNECTOR-HEADER,BOX,4P,1R,2mm,ANGLE,SN	
C103	2203-000260	C-CERAMIC,CHIP,10nF,10%,50V,X7R,TP,2012		AWA1	3711-001011	CONNECTOR-HEADER,BOX,5P,1R,2.5mm,STRAIGH	
C124	2203-000347	C-CERAMIC,CHIP,150nF,10%,50V,NP0,TP,2012		JWA1	3711-001062	CONNECTOR-HEADER,BOX,6P,1R,2mm,STRAIGHT,	
JW9<->JW10	2203-000477	C-CERAMIC,CHIP,1uF+80-20%,16V,Y5V,TP,20		PWA2	3711-001098	CONNECTOR-HEADER,BOX,7P,1R,2.5mm,STRAIGH	
C126	2203-000495	C-CERAMIC,CHIP,2.2nF,10%,50V,X7R,TP,2012		FWA1	3711-001137	CONNECTOR-HEADER,BOX,8P,1R,2mm,STRAIGHT,	
C127	2203-000595	C-CERAMIC,CHIP,0.22nF,5%,50V,NP0,TP,2012		SPK JACK	3716-001191	TERMINAL-BLOCK,SOLDER,4P,9.1MM,60V,7A	
C105	2203-000671	C-CERAMIC,CHIP,27nF,10%,50V,X7R,TP,2012,		AUX JACK	3722-000377	JACK-PIN,4P/2C,3.5mm,SN,BLK,#16-22	
C128	2203-000802	C-CERAMIC,CHIP,33nF,10%,50V,X7R,TP,2012		HJACK1	3722-001588	JACK-PHONE;7P,3.6PI,AG,BLK,-	
C119	2203-000802	C-CERAMIC,CHIP,33nF,10%,50V,X7R,TP,2012			AH07-00044A	VF DISPLAY:HNA-09MS17T,W2000,29*66.9*22	
C125	2203-000840	C-CERAMIC,CHIP,0.39nF,5%,50V,NP0,TP,2012		JLF1L	AH26-10002W	TRANS TRAP-COIL,BIAS-TRAP105K,BIAS-TRAP,	
C112	2203-000892	C-CERAMIC,CHIP,4.7nF,10%,50V,X7R,TP,2012		JLF1R	AH26-10002W	TRANS TRAP-COIL,BIAS-TRAP105K,BIAS-TRAP,	
C111	2203-000892	C-CERAMIC,CHIP,4.7nF,10%,50V,X7R,TP,2012		JT1	AH26-10003C	TRANS TRAP-COIL,PCHNS-5371EQJ,BIAS-TRAP,	
C120	2203-000919	C-CERAMIC,CHIP,470nF+80-20%,16V,Y5V,TP,		PL2	AH27-10001F	COIL-CHOKE;27uH,K,Q30,-,DR(6.5*7.5),-	
C135	2203-000919	C-CERAMIC,CHIP,470nF+80-20%,16V,Y5V,TP,		PL1	AH27-10001F	COIL-CHOKE;27uH,K,Q30,-,DR(6.5*7.5),-	
C109	2203-010266	C-CERAMIC,CHIP,0.004nF,0.25pF,50V,SL,TP,		AL3R	AH27-90001A	COIL-SPRING;-2.2uH,-,SPRING,-,-,-,-	
C124A	2203-010663	C-CERAMIC,CHIP,56nF,10%,16V,X7R,TP,1608,		AL3L	AH27-90001A	COIL-SPRING;-2.2uH,-,SPRING,-,-,-,-	
C106	2203-011137	C-CERAMIC,CHIP,68nF+80-20%,50V,Y5V,TP,2		AL2R	AH27-90001A	COIL-SPRING;-2.2uH,-,SPRING,-,-,-,-	
C122	2203-011137	C-CERAMIC,CHIP,68nF+80-20%,50V,Y5V,TP,2		AL2L	AH27-90001A	COIL-SPRING;-2.2uH,-,SPRING,-,-,-,-	
C608	2203-012223	C-CERAMIC,CHIP,0.82nF,10%,50V,X7R,TP,201			AH31-10021A	MOTOR-DC,RF-500T8,9VDC/130mA,	
C605	2203-012223	C-CERAMIC,CHIP,0.39nF,5%,50V,NP0,TP,201		CWA1	AH39-00019A	LEAD CONNECTOR ASSY;-GT201-11.35023,11P	
C203	2203-012223	C-CERAMIC,CHIP,0.82nF,10%,50V,X7R,TP,201		UWA3	AH39-00085A	LEAD CONNECTOR ASSY;-51004,5295,3P,150M	
C502R	2203-01537	C-CERAMIC,CHIP,1nF,10%,50V,X7R,TP,2012			AH39-00096B	LEAD CONNECTOR ASSY;RXD-DV9,#1007,28,AWG	
C502L	2203-01537	C-CERAMIC,CHIP,1nF,10%,50V,X7R,TP,2012		UWA7	AH39-00109A	LEAD CONNECTOR ASSY;-5295,51004,2P,140M	
C117	2203-01537	C-CERAMIC,CHIP,1nF,10%,50V,X7R,TP,2012		UWA14	AH39-00109A	LEAD CONNECTOR ASSY;-5295,51004,2P,140M	
C102	2203-01537	C-CERAMIC,CHIP,1nF,10%,50V,X7R,TP,2012		GND	AH39-00134A	WIRE HARNESS;-RING,1007*24,60MM,BLK,-,-	
C104	2203-01551	C-CERAMIC,CHIP,1.5nF,10%,50V,X7R,TP,2012		UWA2	AH39-00352T	LEAD CONNECTOR ASSY;MM-B7,1007*22,-,5P,2	
C202	2203-01619	C-CERAMIC,CHIP,0.027nF,5%,50V,NP0,TP,201		RWA1	AH39-00352U	LEAD CONNECTOR ASSY;MM-B7,1007*22,-,7P,1	
C201	2203-01619	C-CERAMIC,CHIP,0.027nF,5%,50V,NP0,TP,201		QWA1	AH39-00352V	LEAD CONNECTOR ASSY;MM-B7,1007*28,-,3P,2	
C123	2401-000407	C-AL;10uF,20%,16V,GPTP,3.5x5,2.5		UWA11	AH39-00352W	LEAD CONNECTOR ASSY;MM-B7,1007*28,-,3P,2	
C303	2401-011102	C-AL;330uF,20%,16V,GPTP,8x11.5mm,5		JWA1	AH39-00352X	LEAD CONNECTOR ASSY;MM-B7,1533*28,-,6P,2	
C301	2401-011102	C-AL;330uF,20%,16V,GPTP,8x11.5mm,5		UWA5	AH39-00352Z	LEAD CONNECTOR ASSY;MM-B7,1007*28,-,4P,1	
C501R	2401-01238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP		UWA16	AH39-00419A	LEAD CONNECTOR ASSY;MM-B7,UL2486(TA),-4	
C501L	2401-01238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP		UWA15	AH39-00419A	LEAD CONNECTOR ASSY;MM-B7,UL2486(TA),-4	
C114	2401-01238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP		UEYE	AH59-60001J	MODULE REMOCON;GP1U271R,38KHZ,-,MESH,-	
C219	2401-01502	C-AL;47uF,20%,16V,GPTP,6.3x5,2.5			AH66-10025A	PULLEY-MOTOR;-POM,-,CMS-100	
C212	2401-01502	C-AL;47uF,20%,16V,GPTP,6.3x5,2.5		FD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C133	2401-01502	C-AL;47uF,20%,16V,GPTP,6.3x5,2.5		FD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C302	2401-01893	C-AL;100uF,20%,6.3V,GP,TP,6.3x7.5		AD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C217	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		AD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C304	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		JD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C603	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		QD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C606	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		QD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
R502L	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		RD16	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C215	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		UD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C101	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		AD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C107	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		AD10	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C108	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		AD11	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C131	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		AD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
C210	2401-01934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-		AD13	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
JW31-1	2701-000111	INDUCTOR-AXIAL,100uH,10%,2.5x3.4mm		AD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
	AH59-01088B	SPEAKER SYSTEM;PSB7E,-,-,-,-,-,ELS,-		AD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
				AD20	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
	AH92-01568A	ASSY PCB-MAIN, ELS;MM-ZB7,MAIN, ELS		AD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
RD4	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		UD9	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RD3	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		UD2	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RD2	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		UD17	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RD1	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,		VD5	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RQ2	0502-000419	TR-POWER,-,PNP,25W,TO-220FBK,100-200		VD6	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RQ1	0503-01013	TR-DARLINGTON;25D2494,NPN,60W,TO-3PBK,6		VD7	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
ULD6	0601-001432	LED;ROUND,BLUE,3mm,455nm		VD8	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
ULD2	0601-001432	LED;ROUND,BLUE,3mm,455nm		AD25	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
ULD1	0601-001432	LED;ROUND,BLUE,3mm,455nm		AD7	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
	0603-001069	OPTIC TRANSMITTER;5V,8Mbps,-,-,17dBm,60dn		UD1	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
AIC1	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1		UD11	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RIC1	1203-000242	IC-POS.FIXED REG.;7812,TO-220,3P,-,PLAS		UD15	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RIC2	1203-000276	IC-POS.FIXED REG.;7805,TO-220,3P,-,PLAS		UD14	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RR1	2003-000556	R-METAL OXIDE(S);2.2ohm,5%,2W,AA,TP,4x12		UD13	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
RR2	2003-000701	R-METAL OXIDE(S);470ohm,5%,2W,AA,TP,4x12		RD14	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
PC2	2201-000546	C-CERAMIC,DISC,4.7nF,20%,400V,Y5U,BK,16x		RD15	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
PC1	2201-000546	C-CERAMIC,DISC,4.7nF,20%,400V,Y5U,BK,16x		RD17	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AC3	2401-01883	C-AL;1000uF,20%,25V,GPBK,16x25mm,5		RD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AC3L	2401-01883	C-AL;1000uF,20%,25V,GPBK,16x25mm,5		RD9	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AC3R	2401-01883	C-AL;1000uF,20%,25V,GPBK,16x25mm,5		RD10	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RC4	2401-01942	C-AL;3300uF,20%,35V,GPBK,18x35.5mm		AD1L	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RC2	2401-002258	C-AL;4700uF,20%,50V,GP,-,22x40mm,5m		AD1R	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UX2	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AA,Y,12.5		AD3	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UX1	2802-001157	RESONATOR-CERAMIC,6MHZ,-,BK,8X5.5X3MM		CD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
	2901-001139	FILTER-EMI ON BOARD;50V,5A,-,390PF,7X2		CD2	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
USW31	3409-001119	SWITCH-DETECTOR;5V,DC,1.0A,DPST,30gf,-		RD6	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
PF3-1	3601-000170	FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,GLASS,		RD7	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
PF4-1	3601-000282	FUSE;250V,4A,TIME-LAG,GLASS,5.2x20m		RD8	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
PF2-1	3601-000318	FUSE-CARTRIDGE;250V,800mA,TIME-LAG,GLASS		RD5	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
FWA2	3708-001094	CONNECTOR-FPC/FFC/PIC;13P,1.25mm,STRAIGH		RD13	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
FWA4	3708-001195	CONNECTOR-FPC/FFC/PIC;27P,1.25mm,STRAIGH		RD12	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
UWA6	3708-001212	CONNECTOR-FPC/FFC/PIC;27P,1.25mm,STRAIGH		RD11	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
UWA9	3708-001723	CONNECTOR-FPC/FFC/PIC;17P,1.25MM,ANGLE,S		RZD3	0403-000354	DIODE-ZENER;UZ5.1B,5.1V,4.8-5.4V,500mW,D	
PWA1	3711-000190	CONNECTOR-HEADER;1WALL,2P,1R,7.92mm,STRA		FZD1	0403-000372	DIODE-ZENER;UZ9.1BM,9.1V,8.7-9.4V,500mW,D	
QWA1	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5mm,STRAIGH		RZD2	0403-000390	DIODE-ZENER;UZP33B,33V,31.4-34.6V,1W,DO-	
UWA4	3711-000826	CONNECTOR-HEADER;BOX,2P,1R,2mm,ANGLE,SN		RZD4	0403-000396	DIODE-ZENER;UZP6.8B,6.8V,6.4-7.2V,1W,DO-	
UWA10	3711-000826	CONNECTOR-HEADER;BOX,2P,1R,2mm,ANGLE,SN		RZD1	0403-001009	DIODE-ZENER;UZP27BHCC,27V,27-30V,1W,DO-D	
QWA2	3711-000907	CONNECTOR-HEADER;BOX,3P,1R,2mm,STRAIGHT,		JQ4	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	

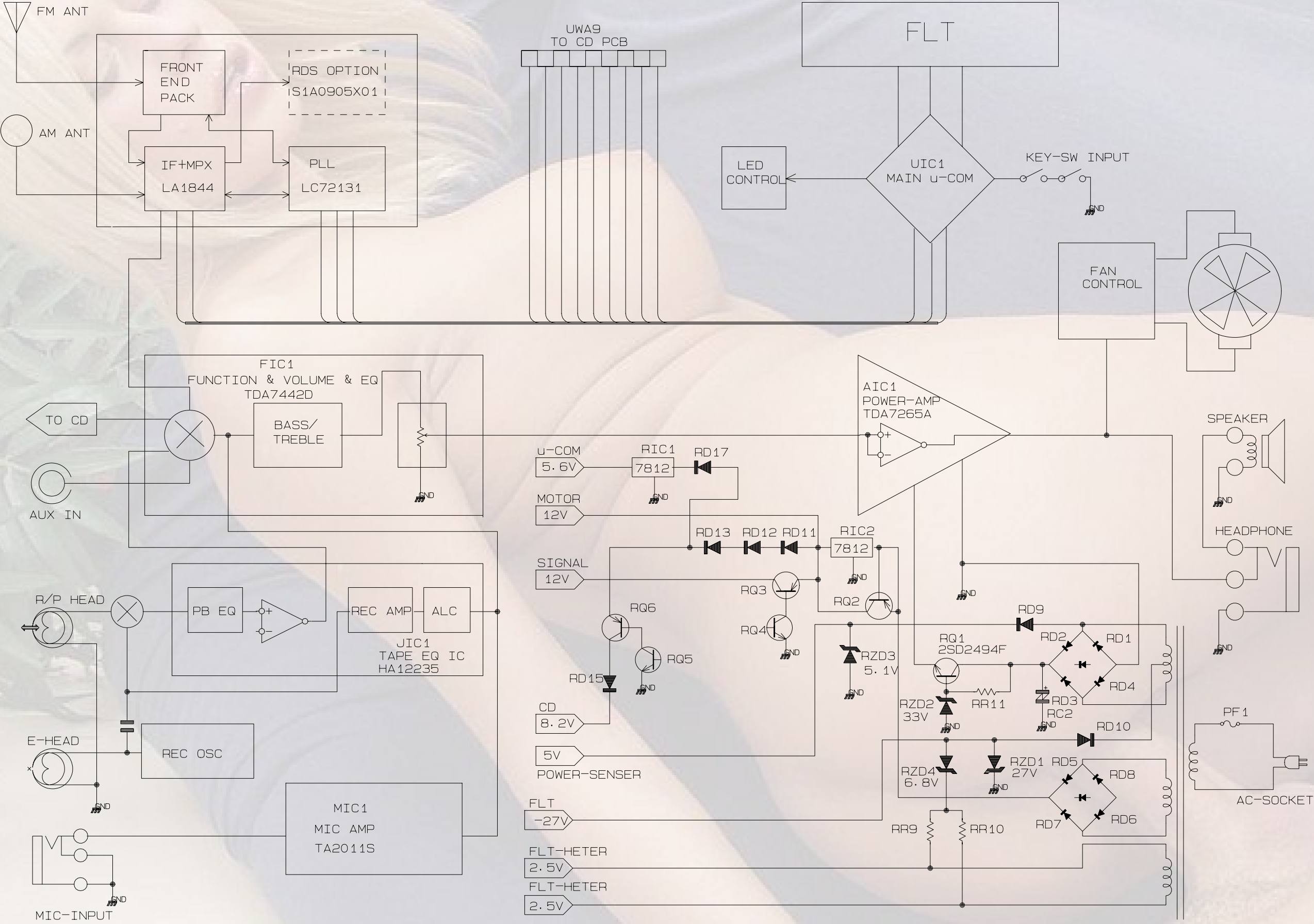
Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
AQ6	0501-000010	TR-SMALL SIGNAL,KSC1008,NPN,800mW,TO-92,		RR3	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm	
AQ5	0501-000010	TR-SMALL SIGNAL,KSC1008,NPN,800mW,TO-92,		AR11	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm	
AQ3	0501-000010	TR-SMALL SIGNAL,KSC1008,NPN,800mW,TO-92,		AR12	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm	
QQ1	0501-000294	TR-SMALL SIGNAL,KS4709-Y,PNP,800mW,TO-92		AR15	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm	
JQ3	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		AR4	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm	
RQ5	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		AR7	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm	
UQ1	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		AR5L	2001-000563	R-CARBON;27Kohm,5%,1/8W,AA,TP1.8x3.2mm	
UQ3	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		AR5R	2001-000563	R-CARBON;27Kohm,5%,1/8W,AA,TP1.8x3.2mm	
UQ5	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		JR3	2001-000591	R-CARBON;3.3Kohm,5%,1/8W,AA,TP1.8x3.2m	
JQ2R	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		UR99	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m	
CQ1	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		UR101	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m	
CQ2	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		FR5R	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m	
JQ1L	0501-000398	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-92,T		CR1	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m	
JQ1R	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		CR2	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m	
JQ2L	0501-000398	TR-SMALL SIGNAL,KSC945,NPN,250mW,TO-92,T		FR5L	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP1.8x3.2m	
QQ2	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9		QR2	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm	
FQ1R	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9		QR1	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm	
FQ1L	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9		JR12	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm	
AQ1R	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9		JR11	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm	
AQ1L	0501-000407	TR-SMALL SIGNAL,KSD471A-Y,NPN,800mW,TO-9		AR8	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm	
RQ6	0501-000610	TR-SMALL SIGNAL,KS4928A-Y,PNP,1W,TO-92L,		AR5	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm	
RQ3	0501-000610	TR-SMALL SIGNAL,KS4928A-Y,PNP,1W,TO-92L,		AR17	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP1.8x3.2mm	
JQ2	0501-000610	TR-SMALL SIGNAL,KS4928A-Y,PNP,1W,TO-92L,		UR65	2001-001006	R-CARBON;82ohm,5%,1/8W,AA,TP1.8x3.2mm	
CQ4	0501-000610	TR-SMALL SIGNAL,KS4928A-Y,PNP,1W,TO-92L,		UR151	2001-001006	R-CARBON;82ohm,5%,1/8W,AA,TP1.8x3.2mm	
CQ3	0501-000610	TR-SMALL SIGNAL,KS4928A-Y,PNP,1W,TO-92L,		FR2	2001-001077	R-CARBON(S);150ohm,5%,1/2W,AA,TP2.4x6.4	
AQ8	0504-000118	TR-DIGITAL,KSR1003,NPN,300MW,22K/22K,TO-		JR6	2001-001077	R-CARBON(S);150ohm,5%,1/2W,AA,TP2.4x6.4	
JQ10	0504-000118	TR-DIGITAL,KSR1003,NPN,300MW,22K/22K,TO-		RR6	2001-001093	R-CARBON(S);2.2Kohm,5%,1/2W,AA,TP2.4x6.	
RQ4	0504-000118	TR-DIGITAL,KSR1003,NPN,300MW,22K/22K,TO-		RR11	2001-001093	R-CARBON(S);2.2Kohm,5%,1/2W,AA,TP2.4x6.	
AQ1	0504-000118	TR-DIGITAL,KSR1003,NPN,300MW,22K/22K,TO-		JR8	2001-001096	R-CARBON(S);2.2ohm,5%,1/2W,AA,TP2.4x6.4	
AQ4	0504-000118	TR-DIGITAL,KSR1003,NPN,300MW,22K/22K,TO-		RR5	2001-001138	R-CARBON(S);390ohm,5%,1/2W,AA,TP2.4x6.4	
AQ7	0504-000118	TR-DIGITAL,KSR1003,NPN,300MW,22K/22K,TO-		AR7R	2001-001146	R-CARBON(S);4.7ohm,5%,1/2W,AA,TP2.4x6.4	
UQ6	0504-001003	TR-DIGITAL,KSR2003,PNP,300MW,22K/22K,TO-		AR7L	2001-001146	R-CARBON(S);4.7ohm,5%,1/2W,AA,TP2.4x6.4	
JQ1	0504-001003	TR-DIGITAL,KSR2003,PNP,300MW,22K/22K,TO-		AR9L	2001-001163	R-CARBON(S);560ohm,5%,1/2W,AA,TP2.4x6.4	
FQ1	0504-001003	TR-DIGITAL,KSR2003,PNP,300MW,22K/22K,TO-		AR9R	2001-001163	R-CARBON(S);560ohm,5%,1/2W,AA,TP2.4x6.4	
AQ2	0504-001003	TR-DIGITAL,KSR2003,PNP,300MW,22K/22K,TO-		RR4	2001-001178	R-CARBON(S);680ohm,5%,1/2W,AA,TP2.4x6.4	
ULD3	0601-001238	LED,ROUND,RED,3.1mm,697nm		CR4	2001-001178	R-CARBON(S);680ohm,5%,1/2W,AA,TP2.4x6.4	
JIC1	1201-001819	IC-PREAMP;-,44P;-,PLASTIC,18V,625M		CR3	2001-001178	R-CARBON(S);680ohm,5%,1/2W,AA,TP2.4x6.4	
FIC1	1204-001776	IC-SOUND PROCESSOR,TD47442D,SOP,28P,295M		JW97	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP2012	
JR8L	2001-000008	R-CARBON;15Kohm,5%,1/8W,AA,TP1.8x3.2mm		JW96	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP2012	
JR8R	2001-000008	R-CARBON;15Kohm,5%,1/8W,AA,TP1.8x3.2mm		JW92	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP2012	
RR9	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP2.4X6.4		JW79	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP2012	
RR10	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP2.4X6.4		JR11L	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP2012	
RR8	2001-000052	R-CARBON(S);3.3Kohm,5%,1/2W,AA,TP2.4x6.		JR11R	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP2012	
RR7	2001-000052	R-CARBON(S);3.3Kohm,5%,1/2W,AA,TP2.4x6.		JW150	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP2012	
AR13	2001-000052	R-CARBON(S);3.3Kohm,5%,1/2W,AA,TP2.4x6.		AR3	2007-000032	R-CHIP;390KOHM,5%,1/10W,DA,TP2012	
AR8R	2001-000109	R-CARBON(S);470ohm,5%,1/2W,AA,TP2.4x6.4		JW67	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
AR8L	2001-000109	R-CARBON(S);470ohm,5%,1/2W,AA,TP2.4x6.4		JW78	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
AR9	2001-000273	R-CARBON;100Kohm,5%,1/8W,AA,TP1.8x3.2m		JW93	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
UR41	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW94	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
UR38	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW95	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
JR13	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW23	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
FR4	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW100	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
UR42	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW101	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
UR43	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW14	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
UR44	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW17	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
UR45	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		JW22	2007-000033	R-CHIP;00HM,5%,1/8W,DA,TP3216	
CR10	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR60	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP2012	
FR20	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR53	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP2012	
FR21	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR61	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP2012	
FR22	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR54	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP2012	
FR3	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR73	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
FR25	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR74	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
FR24	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR75	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
FR23	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP1.8x3.2mm		UR76	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
JR15	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR77	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
FR10R	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR78	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
FR10L	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR79	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
AR19	2001-000331	R-CARBON;12Kohm,5%,1/8W,AA,TP1.8x3.2mm		AR10	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
FR9L	2001-000331	R-CARBON;12Kohm,5%,1/8W,AA,TP1.8x3.2mm		JR7L	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
UR30	2001-000362	R-CARBON;150ohm,5%,1/8W,AA,TP1.8x3.2mm		JR7R	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
UR27	2001-000362	R-CARBON;150ohm,5%,1/8W,AA,TP1.8x3.2mm		UR39	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
UR16	2001-000362	R-CARBON;150ohm,5%,1/8W,AA,TP1.8x3.2mm		UR72	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
UR52	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR71	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
MR59	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR40	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
JR1R	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR51	2007-000290	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
JR1L	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR50	2007-000290	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
AR6	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR48	2007-000290	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
JR10	2001-000435	R-CARBON;1Mohm,5%,1/8W,AA,TP1.8x3.2mm		UR12	2007-000290	R-CHIP;100KOHM,5%,1/10W,DA,TP2012	
UR100	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP1.8x3.2m		UR36	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
QR4	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP1.8x3.2m		UR49	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
JR13R	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP1.8x3.2m		UR80	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
JR13L	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP1.8x3.2m		UR34	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
AR2	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP1.8x3.2m		UR17	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
AR2R	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP1.8x3.2m		UR15	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
AR3L	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP1.8x3.2m		UR14	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
FR11R	2001-000515	R-CARBON;220ohm,5%,1/8W,AA,TP1.8x3.2mm		UR99	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
FR11L	2001-000515	R-CARBON;220ohm,5%,1/8W,AA,TP1.8x3.2mm		UR86	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
AR6R	2001-000515	R-CARBON;220ohm,5%,1/8W,AA,TP1.8x3.2mm		UR85	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
AR6L	2001-000515	R-CARBON;220ohm,5%,1/8W,AA,TP1.8x3.2mm		UR84	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
JR1	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR83	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
JR14	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR82	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
JR2	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm		UR81	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	
QR3	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP1.8x3.2mm		CR7	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP2012	

Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
CR6	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		RC3	2201-000161	C-CERAMIC,DISC:10nF,+80-20%,500V,Y5V,TP	
CR5	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		RC1	2201-000161	C-CERAMIC,DISC:10nF,+80-20%,500V,Y5V,TP	
CR12	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		AC7L	2201-000546	C-CERAMIC,DISC:4.7nF,20%,400V,Y5U,BK,16x	
CR11	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		AC7R	2201-000546	C-CERAMIC,DISC:4.7nF,20%,400V,Y5U,BK,16x	
AR1R	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		AC8R	2201-000565	C-CERAMIC,DISC:47nF,+80% -20% 50V Y5V 12	
AR1L	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		AC8L	2201-000565	C-CERAMIC,DISC:47nF,+80% -20% 50V Y5V 12	
JR7	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		RC100	2201-000783	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP	
JR20	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		FC8L	2202-000780	C-CERAMIC,MLC-AXIAL:100nF,+80-20%,50V,Y5	
JR16	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		AC4L	2202-000850	C-CERAMIC,MLC-AXIAL:2.2nF,20%,16V,Y5R	
JR12R	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		UC15	2202-000854	C-CERAMIC,MLC-AXIAL:47nF,30%,50V,Y5R,TP	
JR12L	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		JC4R	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012	
CR9	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		JC4L	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012	
CR8	2007-000300	R-CHIP:10KOHM,5%,1/10W,DA,TP2012		FC9R	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012	
FR9R	2007-000355	R-CHIP:12KOHM,5%,1/10W,DA,TP2012		FC9L	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012	
FR4L	2007-000409	R-CHIP:15KOHM,5%,1/10W,DA,TP2012		FC8R	2203-000203	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP2012	
FR4R	2007-000409	R-CHIP:15KOHM,5%,1/10W,DA,TP2012		FC24	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012	
FR2R	2007-000457	R-CHIP:18KOHM,5%,1/10W,DA,TP2012		FC25	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012	
FR2L	2007-000457	R-CHIP:18KOHM,5%,1/10W,DA,TP2012		FC26	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012	
UR68	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		FC21	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012	
UR6	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		FC22	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012	
UR24	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		FC23	2203-000239	C-CERAMIC,CHIP:0.1nF,5%,50V,NP0,TP2012	
UR23	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		UC53	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012	
UR69	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		UC53	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012	
UR7	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC7R	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012	
UR70	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC7L	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012	
UR8	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC6R	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012	
UR9	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC6L	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP2012	
UR22	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC10R	2203-000495	C-CERAMIC,CHIP:2.2nF,10%,50V,X7R,TP2012	
JR21	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC10L	2203-000495	C-CERAMIC,CHIP:2.2nF,10%,50V,X7R,TP2012	
JR9	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		AC4R	2203-000495	C-CERAMIC,CHIP:2.2nF,10%,50V,X7R,TP2012	
UR1	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		FC2	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR10	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		FC3	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR11	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC10	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR13	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		JC11	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR2	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		AC5L	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR20	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		AC5R	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR21	2007-000468	R-CHIP:1KOHM,5%,1/10W,DA,TP2012		FC1L	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR4	2007-000477	R-CHIP:1MOHM,5%,1/10W,DA,TP2012		FC1R	2203-000595	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP2012	
UR62	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC52	2203-000609	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP2012	
UR55	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC15	2203-000609	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP2012	
UR18	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		OC3	2203-000609	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP2012	
JR5	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		OC2	2203-000818	C-CERAMIC,CHIP:0.033nF,5%,50V,NP0,TP201	
FR6R	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC3	2203-000879	C-CERAMIC,CHIP:47nF,10%,50V,X7R,TP2012	
AR2L	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC12	2203-000879	C-CERAMIC,CHIP:47nF,10%,50V,X7R,TP2012	
AR3R	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		UC10	2203-000879	C-CERAMIC,CHIP:47nF,10%,50V,X7R,TP2012	
FR1	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		FC10L	2203-001036	C-CERAMIC,CHIP:5.6nF,10%,50V,X7R,TP2012	
FR6L	2007-000493	R-CHIP:2.2KOHM,5%,1/10W,DA,TP2012		FC10R	2203-001036	C-CERAMIC,CHIP:5.6nF,10%,50V,X7R,TP2012	
UR88	2007-000565	R-CHIP:220KOHM,5%,1/10W,DA,TP2012		JC1R	2203-001132	C-CERAMIC,CHIP:0.68nF,5%,50V,NP0,TP2012	
FR12R	2007-000565	R-CHIP:220KOHM,5%,1/10W,DA,TP2012		JC1L	2203-001132	C-CERAMIC,CHIP:0.68nF,5%,50V,NP0,TP2012	
FR12L	2007-000565	R-CHIP:220KOHM,5%,1/10W,DA,TP2012		AC2L	2203-001537	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP2012	
UR25	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		AC2R	2203-001537	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP2012	
JR2R	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		UC2	2203-001611	C-CERAMIC,CHIP:0.022nF,5%,50V,NP0,TP201	
JR2L	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		UC1	2203-001611	C-CERAMIC,CHIP:0.022nF,5%,50V,NP0,TP201	
FR3R	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		AC12R	2301-000128	C-FILM,PEF:100nF,5%,50V,TP10X9X4.3X5.5m	
FR3L	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		AC12L	2301-000128	C-FILM,PEF:100nF,5%,50V,TP10X9X4.3X5.5m	
AR1	2007-000586	R-CHIP:22KOHM,5%,1/10W,DA,TP2012		JC3L	2301-000379	C-FILM,PEF:10nF,10%,50V,TP6x12x3.5mm,-	
UR56	2007-000686	R-CHIP:3.3KOHM,5%,1/10W,DA,TP2012		JC3R	2301-000379	C-FILM,PEF:10nF,10%,50V,TP6x12x3.5mm,-	
MR63	2007-000686	R-CHIP:3.3KOHM,5%,1/10W,DA,TP2012		JC7	2301-000390	C-FILM,PEF:15nF,10%,50V,TP7x12x3.5mm,-	
MR64	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC6	2301-000404	C-FILM,PEF:2.2nF,10%,50V,TP5.5x12x3mm,-	
MR66	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC9	2301-000407	C-FILM,PEF:2.7nF,10%,50V,TP5.5x12x3mm,-	
RR30	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		JC5	2401-000240	C-LAL:100uF,20%,10V,GP,TP5x11.5	
UR19	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		OC1	2401-000240	C-LAL:100uF,20%,10V,GP,TP5x11.5	
UR32	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		UC4	2401-000240	C-LAL:100uF,20%,10V,GP,TP5x11.5	
UR57	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		RC10	2401-000244	C-LAL:100uF,20%,10V,GP,TP6.3x7.5	
AR14	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		RC11	2401-000325	C-LAL:100uF,20%,35V,GP,-8x11.5,3.5mm	
JR3L	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		RC8	2401-000357	C-LAL:100uF,0.2,50V,GP,8*12.5MM,SSL	
JR3R	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		FC1	2401-000419	C-LAL:100uF,20%,16V,GP,-5X11.5	
JR4	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		AC6	2401-000419	C-LAL:100uF,20%,16V,GP,-5X11.5	
JR4L	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		AC5	2401-000419	C-LAL:100uF,20%,16V,GP,-5X11.5	
JR4R	2007-000872	R-CHIP:4.7KOHM,5%,1/10W,DA,TP2012		AC1	2401-000419	C-LAL:100uF,20%,16V,GP,-5X11.5	
JR18	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP2012		RC7	2401-000475	C-LAL:100uF,20%,50V,GP,TP5x11mm,5mm	
JR17	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP2012		UC54	2401-000759	C-LAL:220nF,20%,50V,GP,TP5x11mm,5mm	
AR18	2007-000941	R-CHIP:47KOHM,5%,1/10W,DA,TP2012		RC5	2401-000795	C-LAL:220uF,20%,16V,GP,TP8x12mm,5mm	
FR8R	2007-000981	R-CHIP:5.6KOHM,5%,1/10W,DA,TP2012		AC2	2401-000970	C-LAL:22uF,20%,50V,WT,TP5x11.5	
FR8L	2007-000981	R-CHIP:5.6KOHM,5%,1/10W,DA,TP2012		UC5	2401-001355	C-LAL:470uF,20%,10V,GP,TP8x11.5mm,5	
UR5	2007-001024	R-CHIP:560KOHM,5%,1/10W,DA,TP2012		RC25	2401-001364	C-LAL:470uF,20%,16V,GP,TP10x12.5,5	
AR4R	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP2012		QC1	2401-001474	C-LAL:47uF,20%,10V,GP,TP6.3x7.5	
AR4L	2007-001039	R-CHIP:56KOHM,5%,1/10W,DA,TP2012		UC9	2401-001511	C-LAL:47uF,20%,16V,GP,6*7,5MM,TP	
JR6L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		JC2R	2401-001511	C-LAL:47uF,20%,16V,GP,6*7,5MM,TP	
JR6R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		JC2L	2401-001511	C-LAL:47uF,20%,16V,GP,6*7,5MM,TP	
JR9L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		RC9	2401-001572	C-LAL:47uF,20%,50V,GP,TP6.3x11mm,5m	
JR9R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		AC50	2401-001572	C-LAL:47uF,20%,50V,GP,TP6.3x11mm,5m	
JR10L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		CC1	2401-001893	C-LAL:100uF,20%,16V,GP,TP6.3x7.5	
JR10R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		QC2	2401-001893	C-LAL:100uF,20%,16V,GP,TP6.3x7.5	
JR5L	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		JC8	2401-001895	C-LAL:100uF,20%,16V,GP,6.3*11,5MM,TP	
JR5R	2007-001071	R-CHIP:6.8KOHM,5%,1/10W,DA,TP2012		JC3	2401-001895	C-LAL:100uF,20%,16V,GP,6.3*11,5MM,TP	
UR58	2007-001177	R-CHIP:8.2KOHM,5%,1/10W,DA,TP2012		FC5	2401-001895	C-LAL:100uF,20%,16V,GP,6.3*11,5MM,TP	
FR1R	2007-001177	R-CHIP:8.2KOHM,5%,1/10W,DA,TP2012		RC6	2401-001912	C-LAL:1uF,20%,50V,GP,5*11,5mm,TP	
FR1L	2007-001177	R-CHIP:8.2KOHM,5%,1/10W,DA,TP2012		JC8R	2401-001912	C-LAL:1uF,20%,50V,GP,5*11,5mm,TP	
UR3	2007-001654	R-CHIP:10MOHM,1%,1/10W,DA,TP201		JC8L	2401-001912	C-LAL:1uF,20%,50V,GP,5*11,5mm,TP	
RR12	2008-000135	R-FUSIBLE:10hm,5%,1/2W,AA,TP3.3x9mm		JC30	2401-001912	C-LAL:1uF,20%,50V,GP,5*11,5mm,TP	
RR13	2008-000135	R-FUSIBLE:10hm,5%,1/2W,AA,TP3.3x9mm		AC1L	2401-001912	C-LAL:1uF,20%,50V,GP,5*11,5mm,TP	
CVR1	2103-000341	VR-SEMI:2Kohm,30%,1/10W,TOP		AC1R	2401-001912	C-LAL:1uF,20%,50V,GP,5*11,5mm,TP	

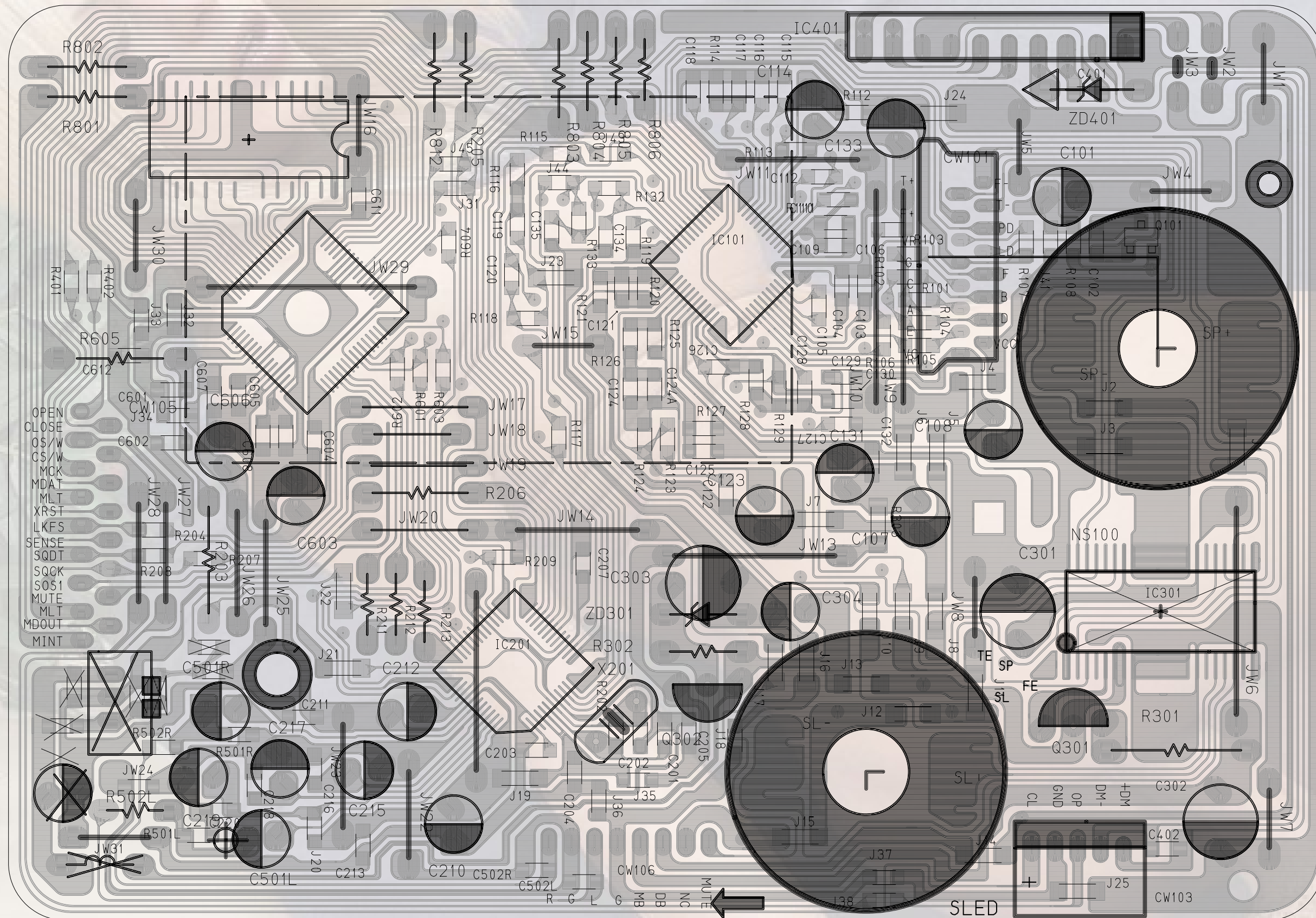
Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
JC1	2401-001912	C-AL:1uF,20%,50V,GP,5*11.5mm,TP					
FC6L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC5R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC5L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC4R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC6R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC7L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC7R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
JC9L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
JC9R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
AC4	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC11L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC11R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC2L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC2R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC4L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC4	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC3R	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
FC3L	2401-001919	C-AL:2.2uF,20%,50V,GP,4*7.5MM,TP					
UC6	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm					
UC7	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm					
UC8	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm					
JC5R	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm					
JC5L	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm					
JC4	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm					
JC2	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm					
HL1R	2701-000177	INDUCTOR-AXIAL:33uH,10%,2.5x3.4mm					
HL1L	2701-000177	INDUCTOR-AXIAL:33uH,10%,2.5x3.4mm					
JL1	2701-000298	INDUCTOR-AXIAL:470uH,10%,4.2x9.8mm					
QL1	2701-000298	INDUCTOR-AXIAL:470uH,10%,4.2x9.8mm					
OBD2	3301-000297	CORE-FERRITE BEAD:AA,3.6x1.2x5.7mm,1400,					
OBD1	3301-000297	CORE-FERRITE BEAD:AA,3.6x1.2x5.7mm,1400,					
USW3	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW4	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW5	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW6	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW7	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW8	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW9	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW2	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW1	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW10	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW11	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW12	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW13	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW14	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
USW15	3404-000165	SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST					
PF4	3602-000147	FUSE-CLIP:250V,7.5A,30mohm					
PF3	3602-000147	FUSE-CLIP:250V,7.5A,30mohm					
PF2	3602-000147	FUSE-CLIP:250V,7.5A,30mohm					
UIC1	AH11-00076B	MASK ROM:LC866548V-50E0.MM-ZB7/B7,-,;Q					
OIC1	AH14-10004R	IC:M74HCU04,SOP,TAPE 14P					

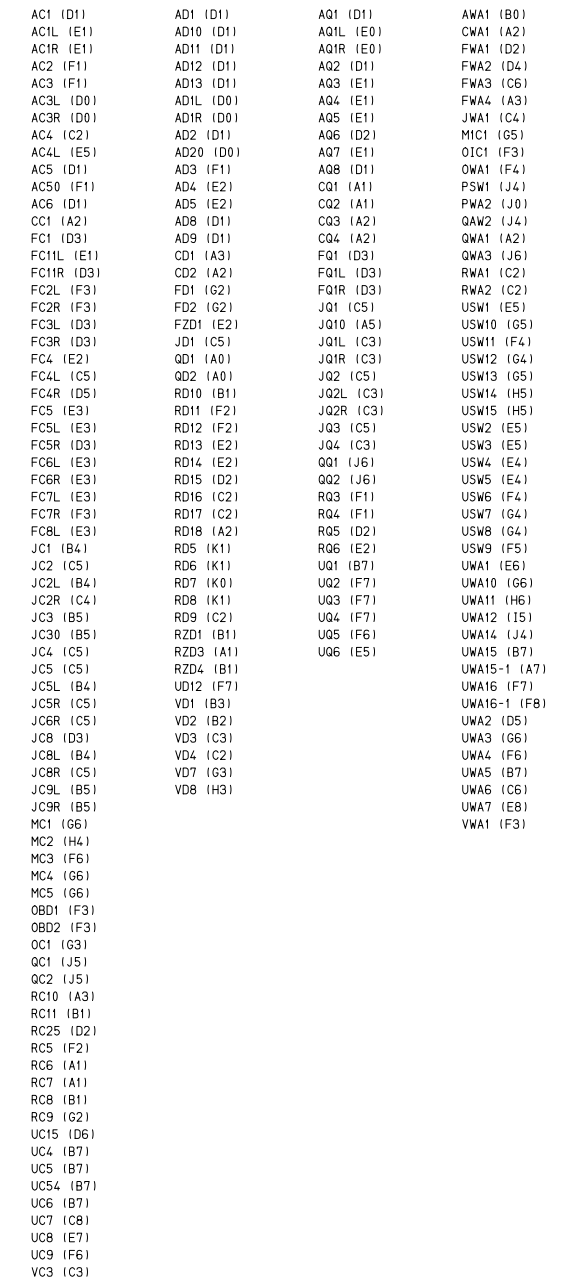
4-1 CD/ MP3 Part



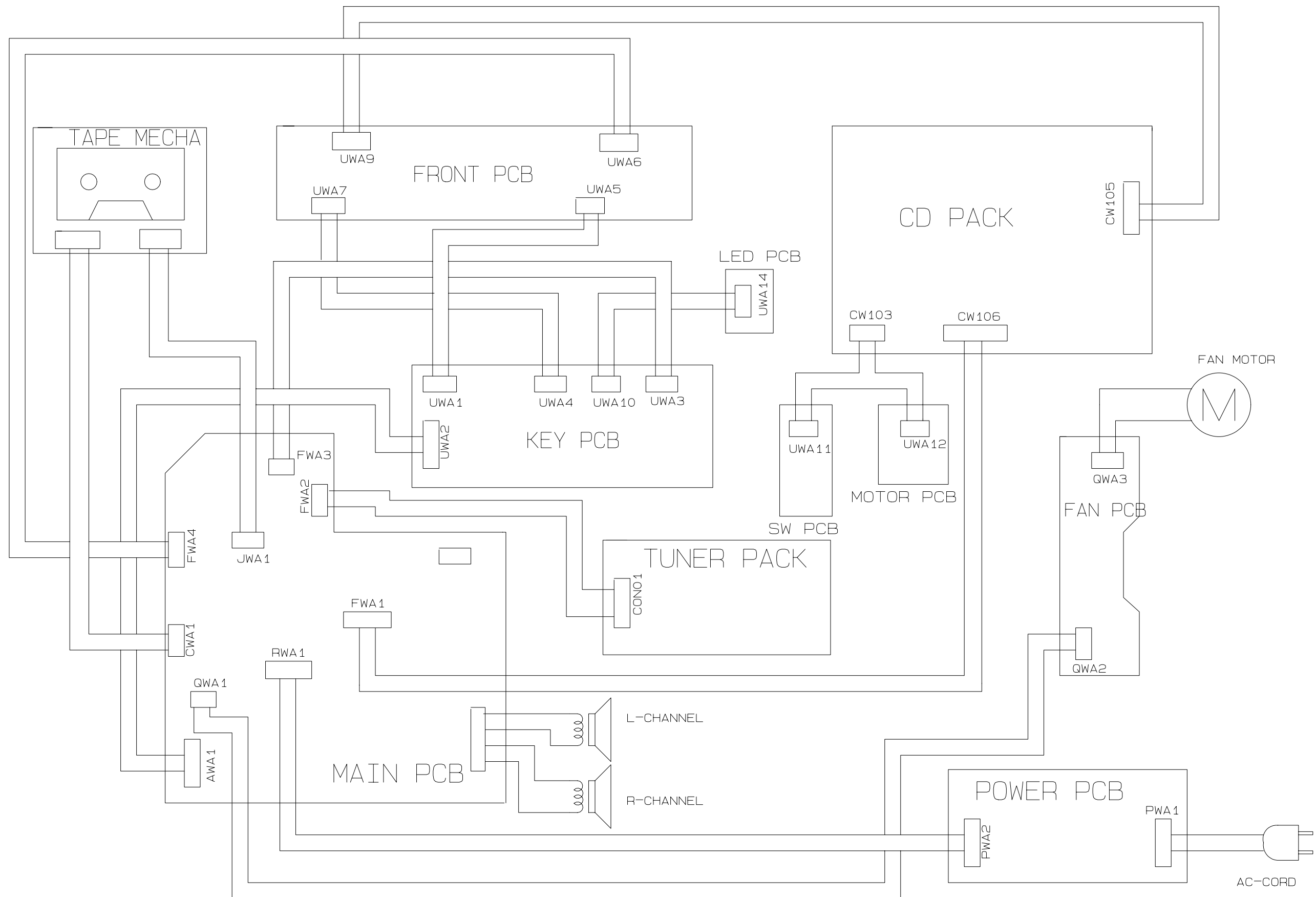


5-1 CD / MP3

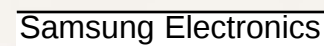


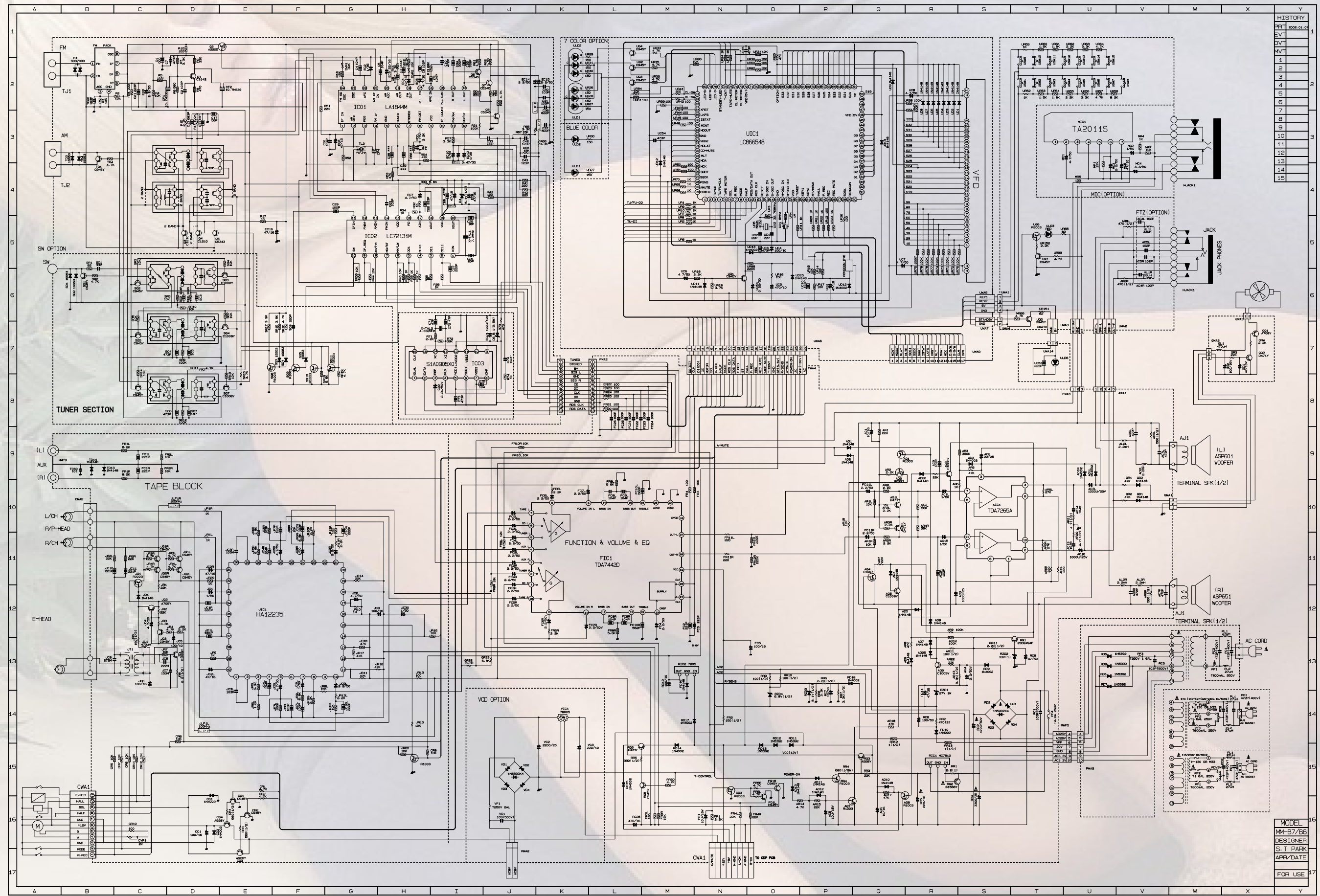


6. Wiring Diagram



7-1 CD/MP3 Part





HISTORY	
REV	2008-01-01
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MODEL	MM-B7/B6
DESIGNER	S. T. PARK
APR/DATE	
FOR USE	