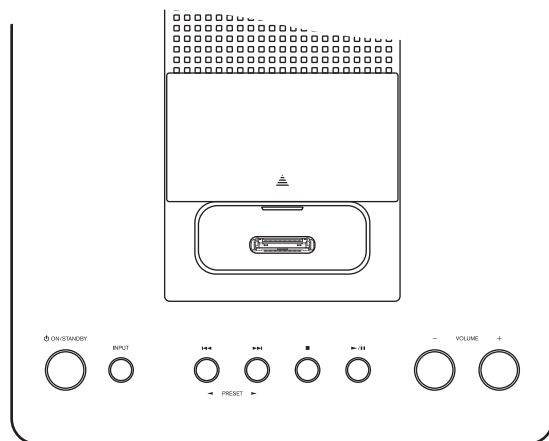
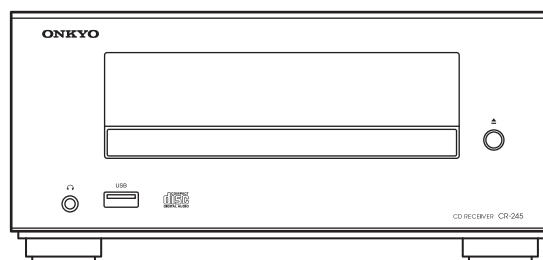


ONKYO® SERVICE MANUAL

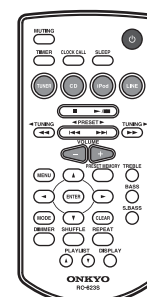
CD RECEIVER MODEL CR-245DAB(B)/(W)



Top Panel



Front Panel



RC-823S

Black, White models

B/W	230V AC, 50Hz
-----	---------------

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

ONKYO SOUND & VISION CORPORATION
Service Department

FIRMWARE UPDATE - 1

CD / iPod Dock section

How to Check Version

1. Press **[ON/STANDBY]** button to turn on the unit.
2. Hold down **[TRACK DOWN (SKIP-)]** button and then press **[INPUT]** button.
Main FW version will be displayed.
FL display *1.DB02T14043* *It depends on the version.
3. Press **[TRACK UP (SKIP+)]** button or **[TRACK DOWN (SKIP-)]** button.
CD / iPod Dock FW version will be displayed.
FL display *2.AJACD1406B* *It depends on the version.
4. To exit from check version, press **[ON/STANDBY]** button to put the unit into the Standby mode.

Preparation

[Making of Update disc]

1. Download the firmware file from the Onkyo FTP-server.
(However European service partners should download the firmware file from the ExtraNet.)
Onkyo FTP-server: ftp://manex.onkyo.co.jp/_servicefwa/CR245_245DAB_CRU1
ID and Password are those we informed when changed.
2. CD-R/RW Writing Software is run, and setting of follows is carried out.
Writing method: Disc At Once or Track At Once
Using disc: Blank CD-R or CD-RW
Volume label: **CD_STD_AJA**
3. Program: Download the latest "AJACDxxxxx.BIN" files for CR-245/245DAB.
4. Execute writing in disc.

FIRMWARE UPDATE - 2

CD / iPod Dock section

Procedure

[Note]

Be sure to do Factory Initialization when the updating finishes.

1. Turn on the unit and switch to CD mode.
2. Open the disc tray.
3. Set the Update disc.
4. Close the disc tray.
(When disc is read normally, Update is started.)

FL display

<i>CD UpGrading</i>

<Note>

Don't turn off power and don't unplug (AC off) while updating firmware.

5. When the update is completed, the disc tray opens. Then, take out the Update disc.
6. Close the disc tray.
7. (Factory Initialization) Hold down **[STOP]** button and then press **[ON/STANDBY]** button.
(When such character string disappears, initialization is completed.)

FL display

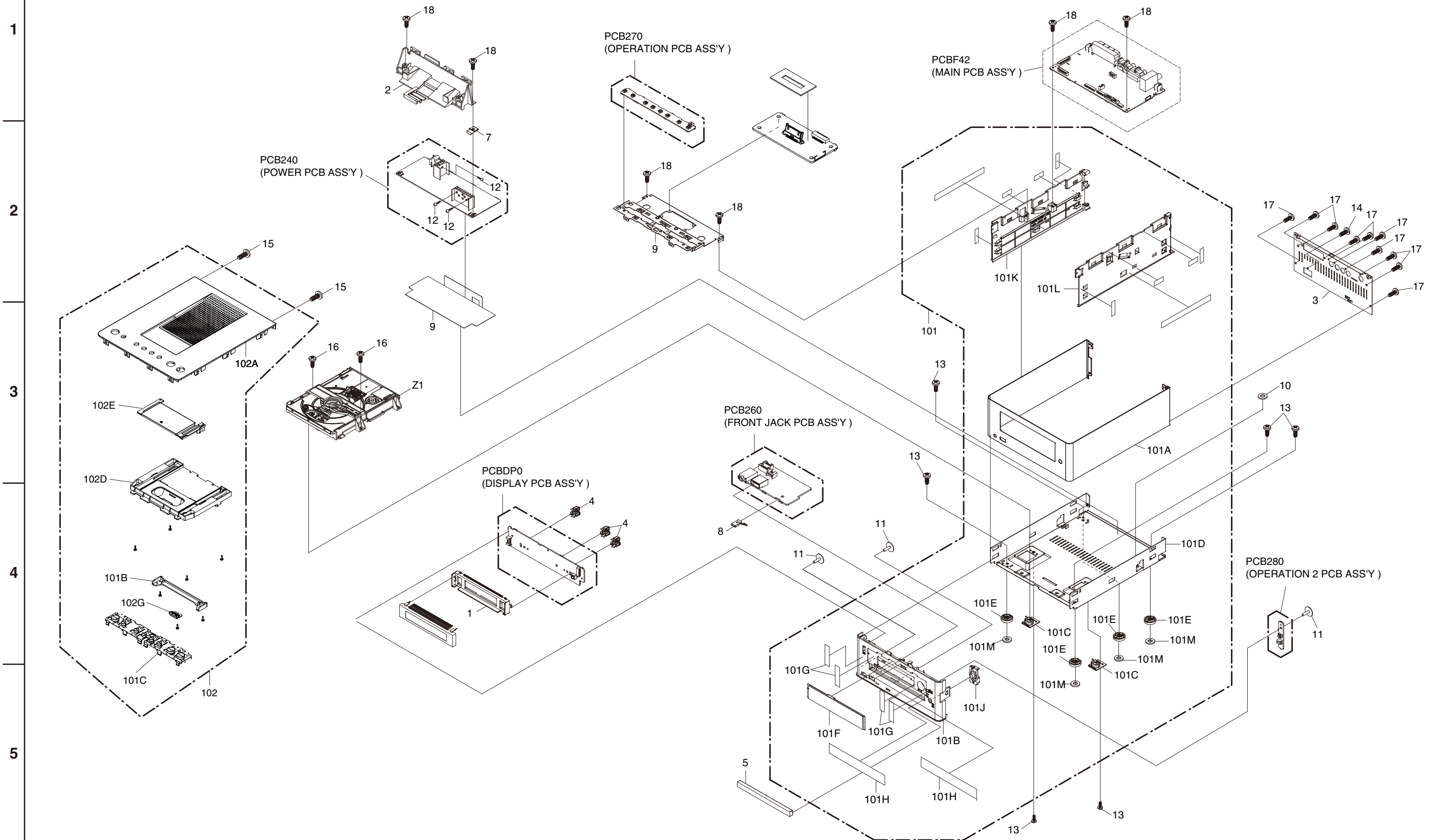
<i>RESET</i>

 >>

--

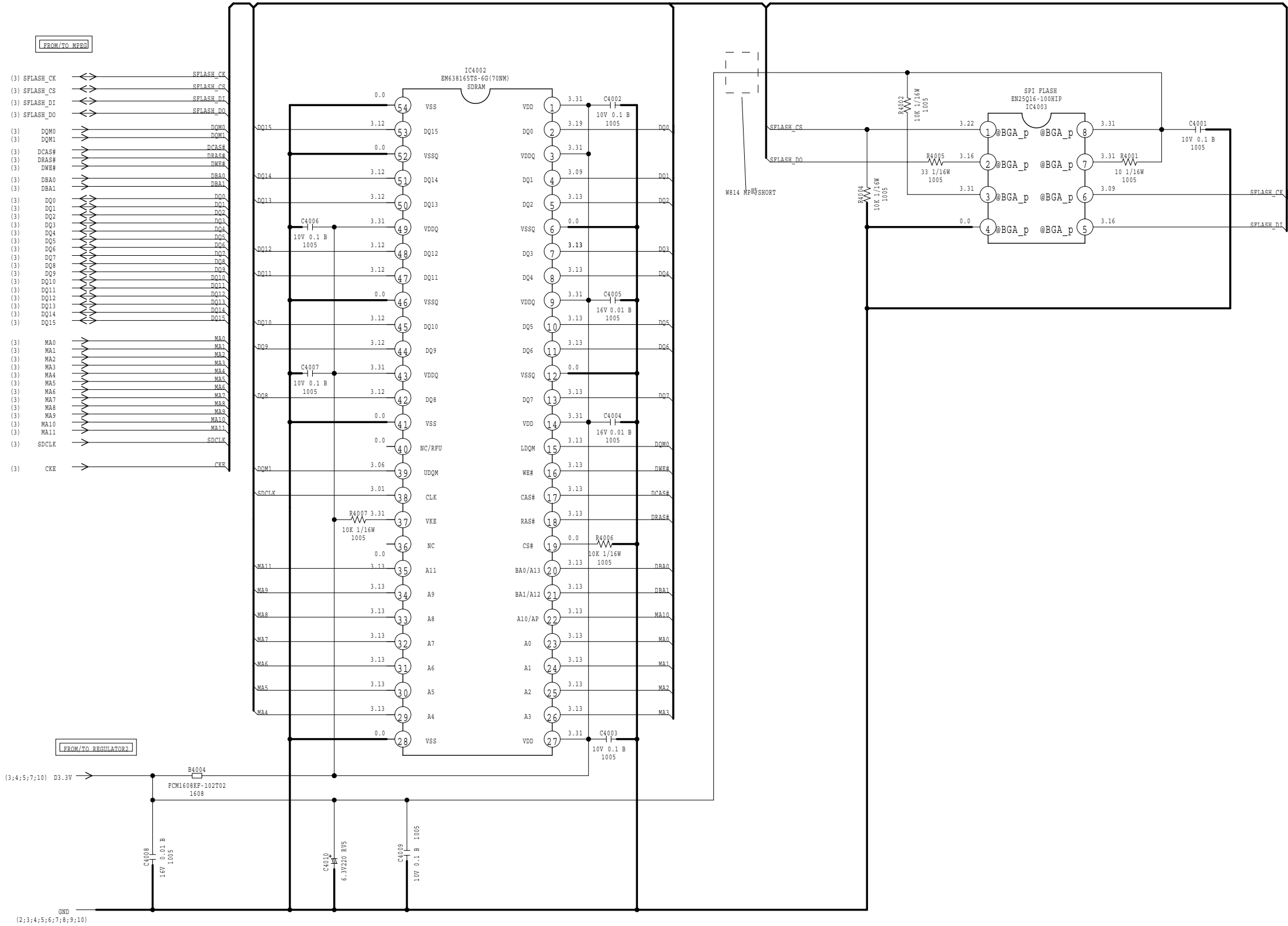
8. Unplug the power cord.
9. Turn on the unit and confirm the new version number (CD / iPod Dock FW).

EXPLODED VIEW



A	B
SCHEMATIC DIAGRAMS - 1 SDRAM SECTION (MAIN PCB)	

SDRAM SCHEMATIC DIAGRAM
(MAIN PCB)

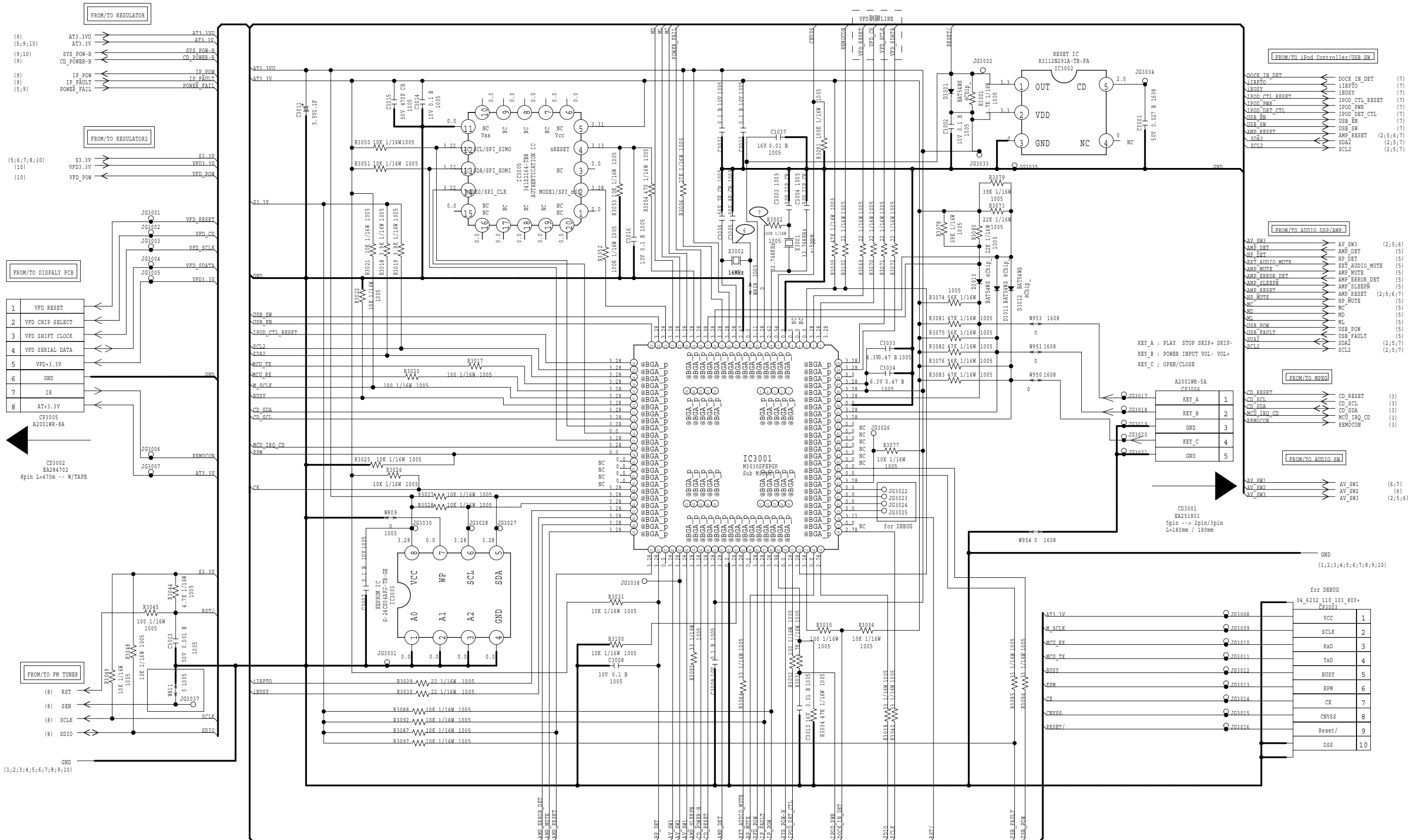


SCHEMATIC DIAGRAMS - 2

SUB MICON (MAIN PCB)

Sub Micon SCHEMATIC DIAGRAM

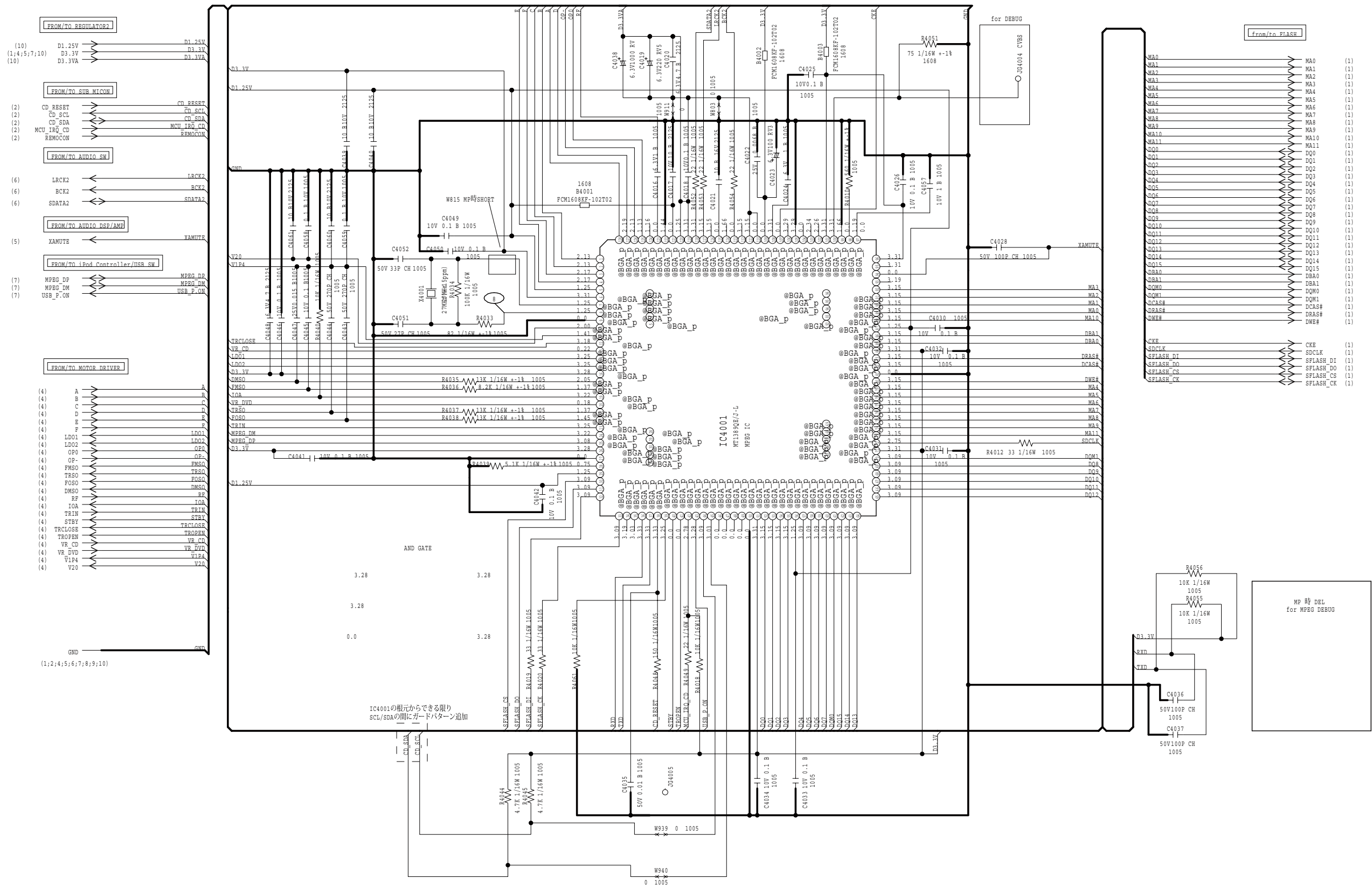
(MAIN PCB)



SCHEMATIC DIAGRAMS - 3

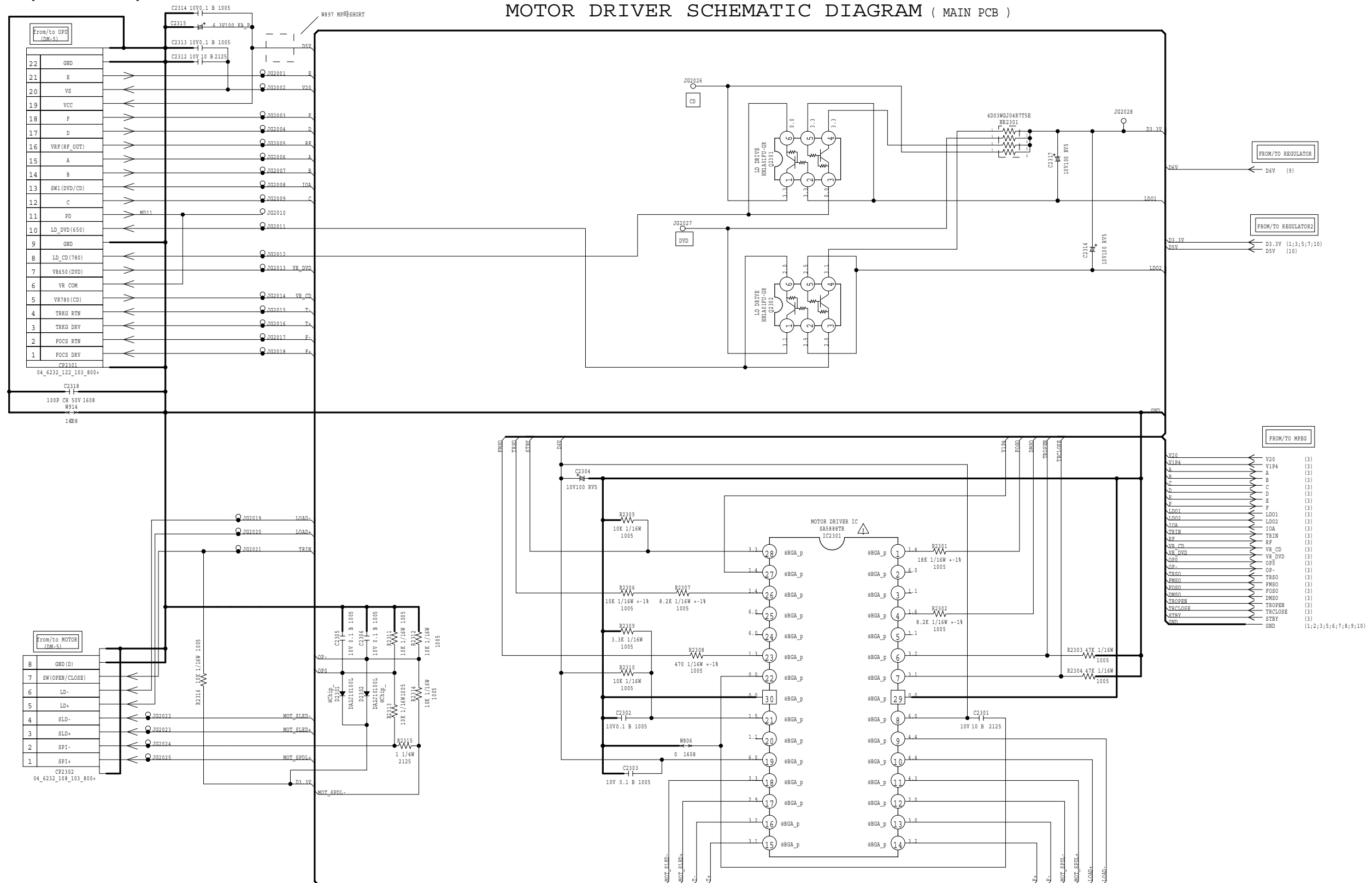
MPEG SCHEMATIC DIAGRAM

(MAIN PCB)



SCHEMATIC DIAGRAMS - 4

MOTOR DRIVER SCHEMATIC DIAGRAM (MAIN PCB)



ATTENTION: LES PIECES REPARÉES PAR UN $\triangle$ ÉTANT
DANGERUSES AN POINT DE VUE SECURITE
N'UTILISER QUE CELLS DECRITES
DANS LA NOMENCLATURE DES PIECES.

CAUTION: SINCE THESE PARTS MARKED BY Δ ARE
CRITICAL FOR SAFETY, USE ONES
DESCRIBED IN PARTS LIST ONLY.

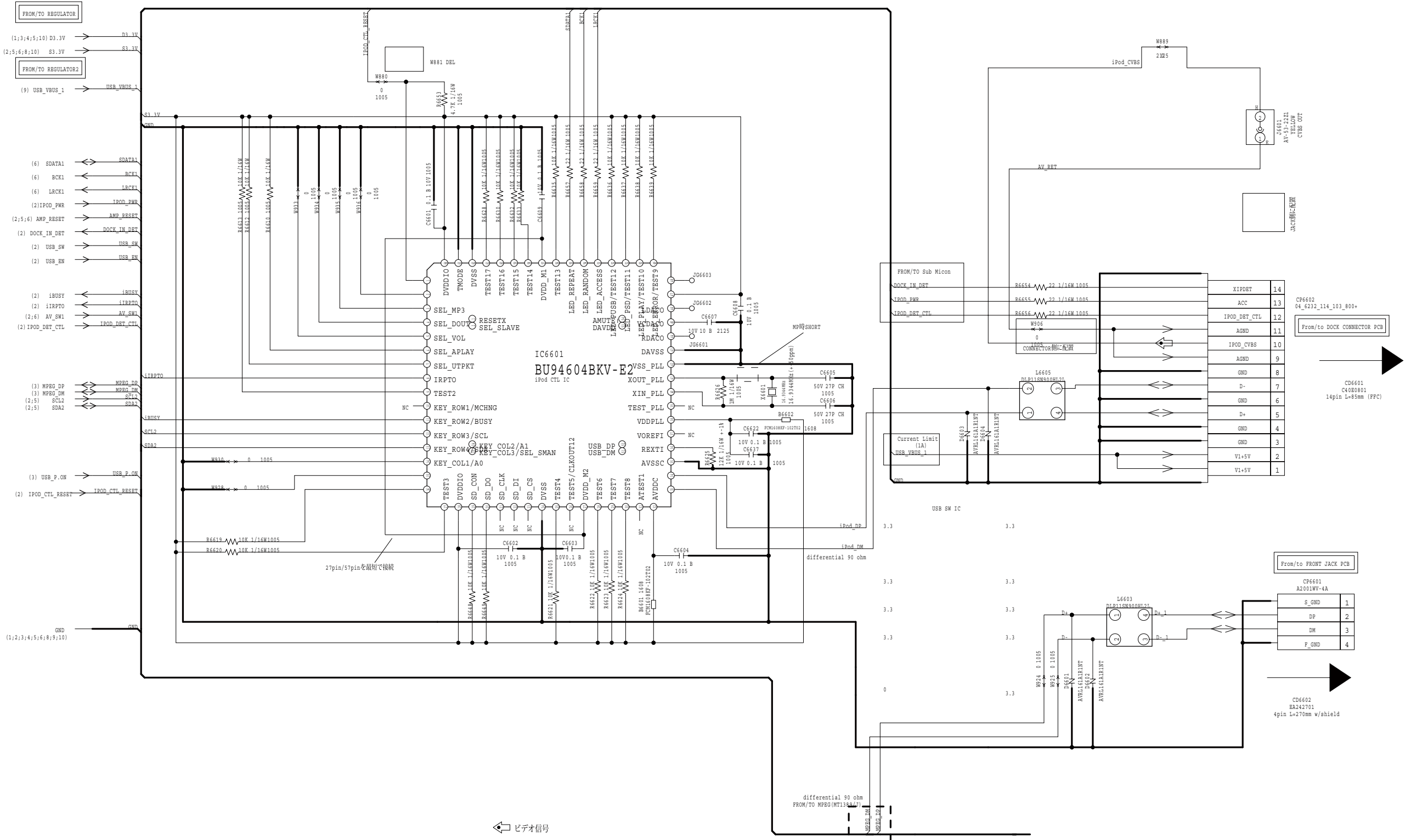
from/to FRONT JACK

SCHEMATIC DIAGRAMS - 7

iPod Controller / USB SW (MAIN PCB)

iPod Controller/USB SW SCHEMATIC DIAGRAM

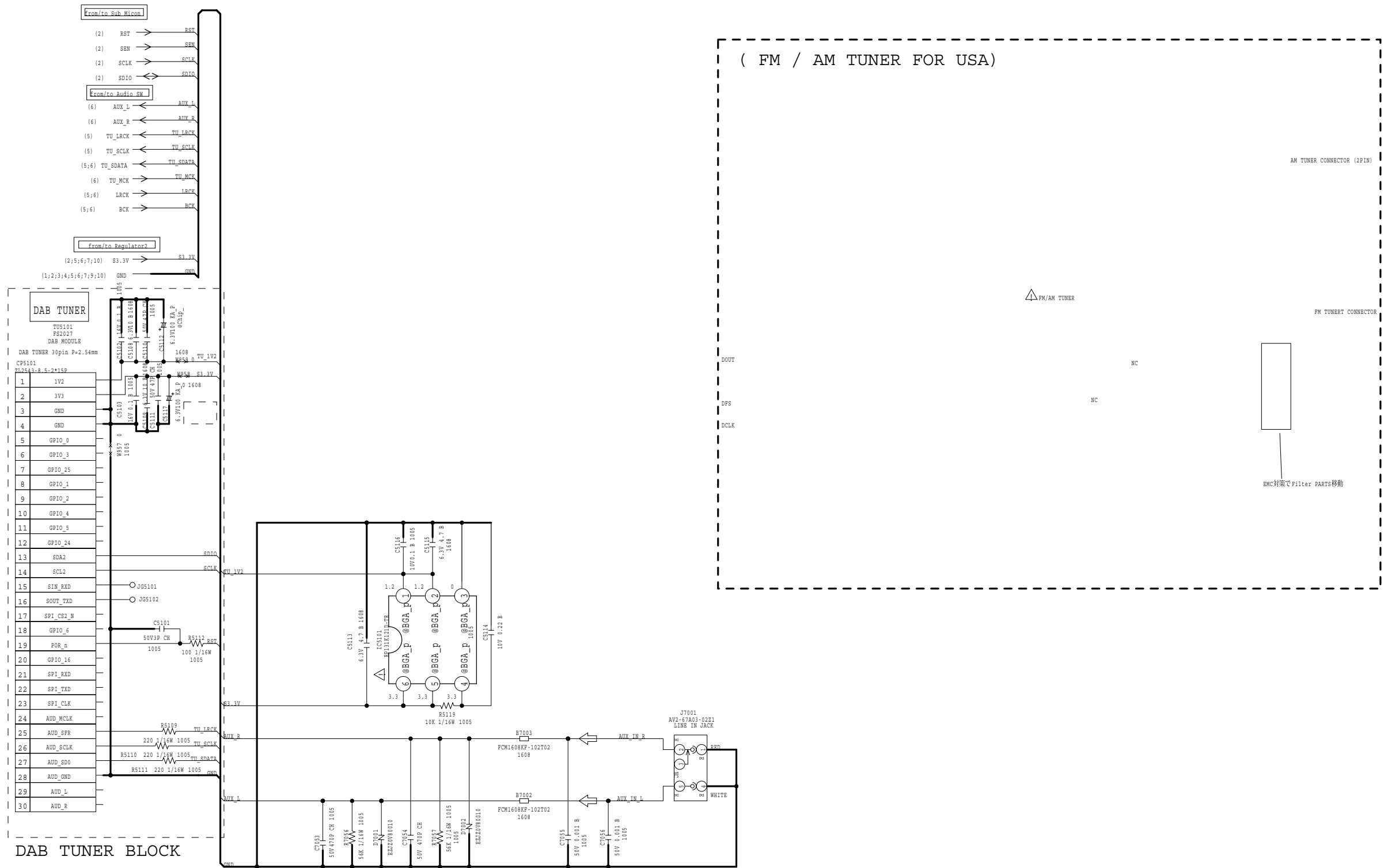
(MAIN PCB)



SCHEMATIC DIAGRAMS - 8

FM TUNER / AUX IN (MAIN PCB)

TUNER/JACK SCHEMATIC DIAGRAM
(MAIN PCB)
(DAB, FM/AM TUNER & AUX IN [L/R])



ATTENTION: LES PIÈCES RÉPARÉES PAR UN Δ ÉTANT DANGEREUSES AU POINT DE VUE SÉCURITÉ, N'UTILISER QUE CELLES DÉCRITES DANS LA NOMÉNCLEATURE DES PIÈCES.

CAUTION: SINCE THESE PARTS MARKED BY Δ ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY.

 TUNER AUDIO SIGNAL
 AUDIO SIGNAL

SCHEMATIC DIAGRAMS - 9
REGULATOR (MAIN PCB)

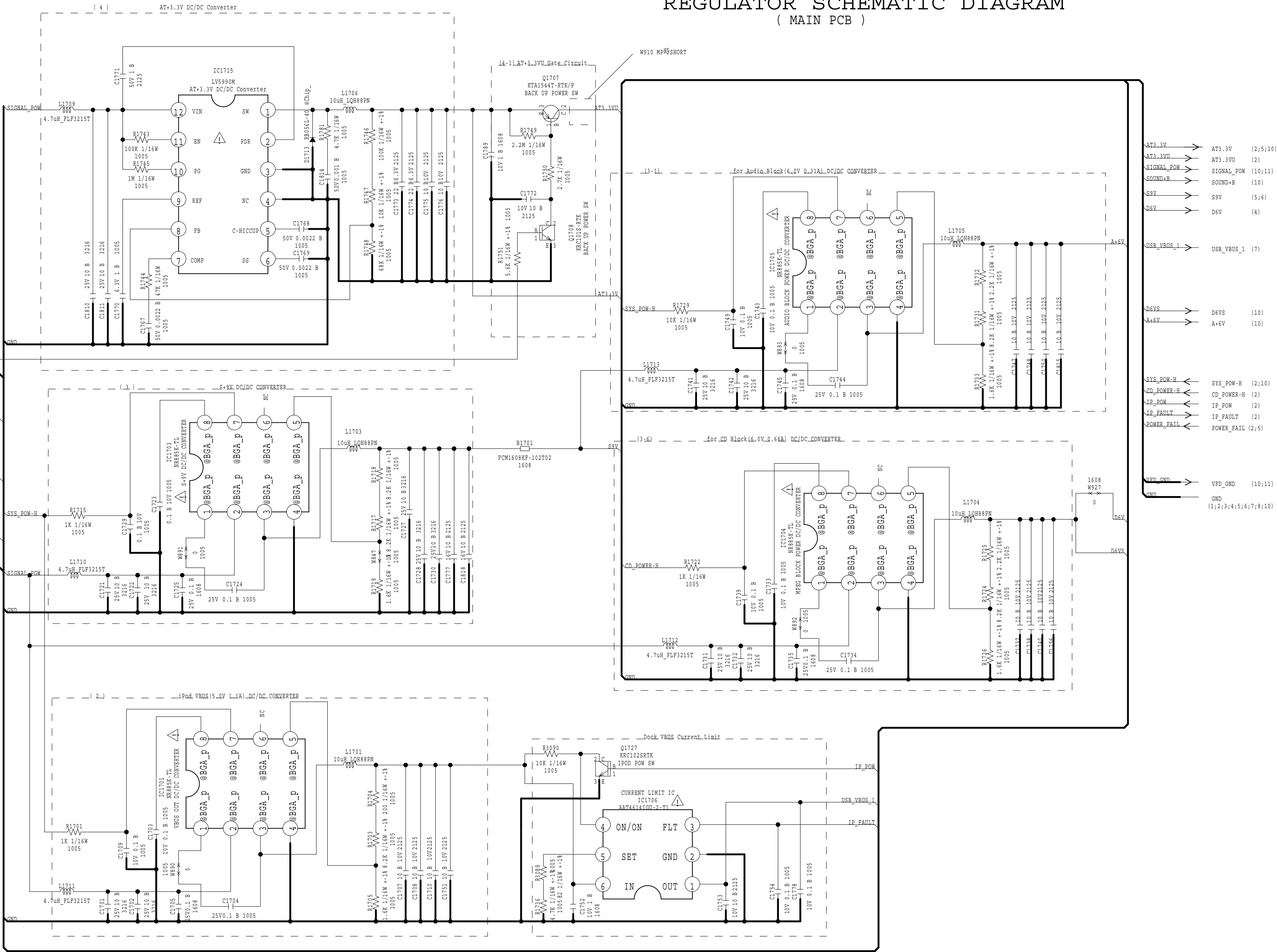
REGULATOR SCHEMATIC DIAGRAM
(MAIN PCB)

FROM/TO POWER PCB

(POWER = 16.5V)

14	SIGNAL_GND
13	SIGNAL_POW
12	SIGNAL_POW
11	POWER_FAIL
10	SIGNAL_GND
9	SIGNAL_GND
8	IPOD_POW
7	IPOD_POW
6	IPOD_GND
5	IPOD_GND
4	SOUND+B
3	SOUND+B
2	SOUND_GND
1	SOUND_GND

CP1701
A2001WV-14A



ATTENTION: LES PIECES REPAREES PAR UN ETANT DANGERUSES AN POINT DE VUE SECURITE N'UTILISER QUE CELLS DECRITES DANS LA NOMENCLATURE DES PIECES.

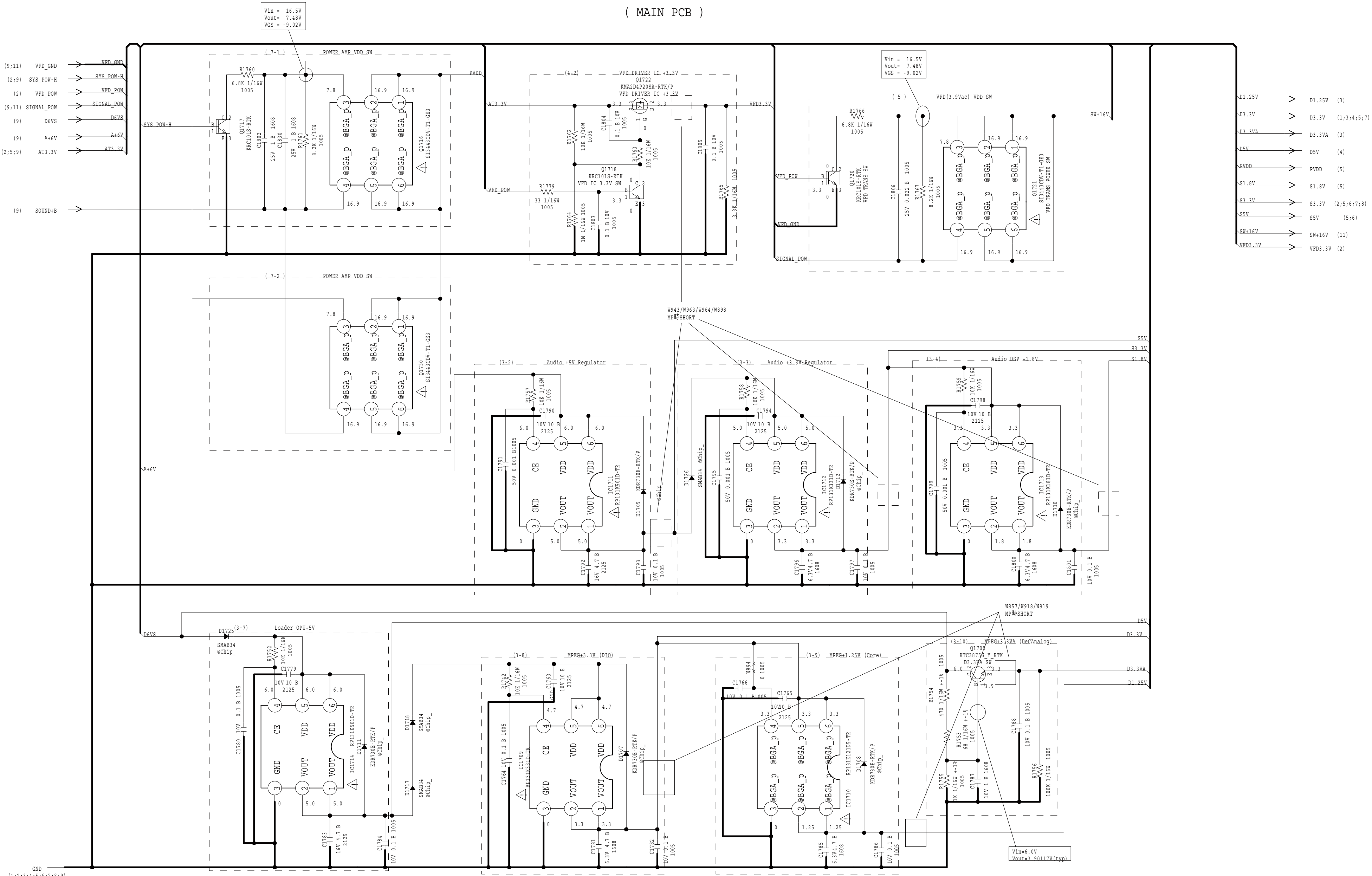
CAUTION: SINCE THESE PARTS MARKED BY ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY.

CAUTION: DIGITAL TRANSISTOR



SCHEMATIC DIAGRAMS - 10
REGULATOR2 (MAIN PCB)

REGULATOR2 SCHEMATIC DIAGRAM
(MAIN PCB)



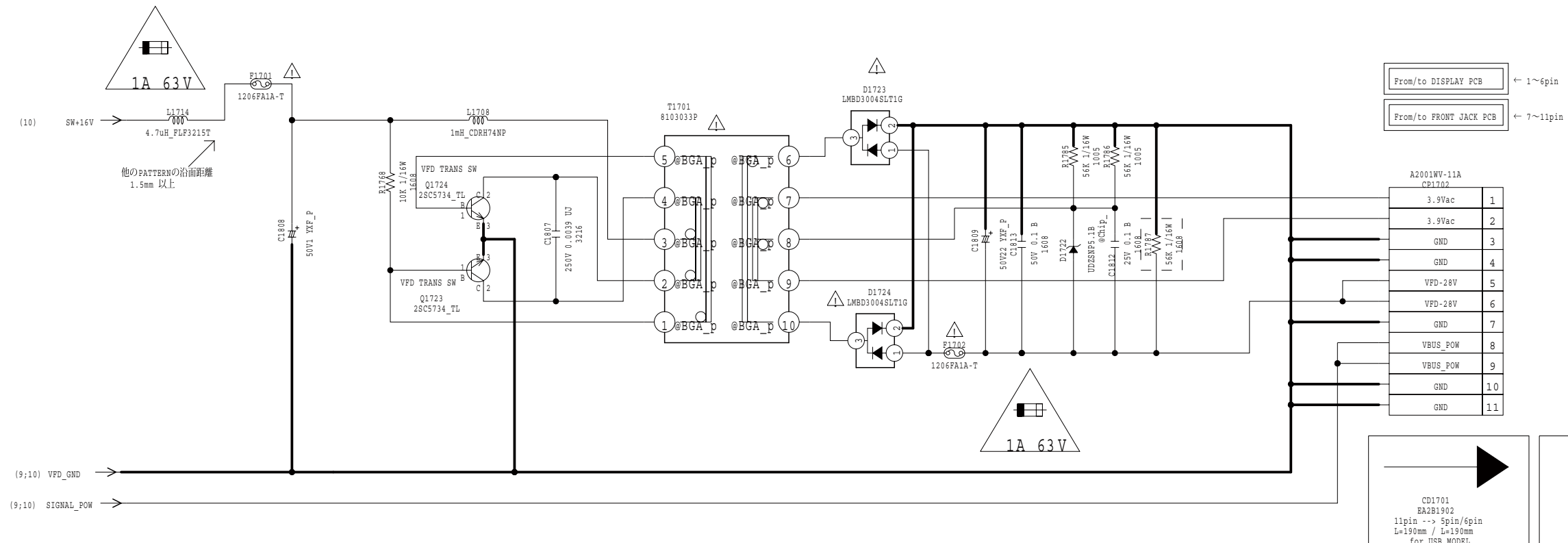
ATTENTION: LES PIECES REPAREES PAR UN ETANT DANGERUSES AN POINT DE VUE SECURITE N'UTILISER QUE CELLS DECRITES DANS LA NOMENCLATURE DES PIECES.

CAUTION: SINCE THESE PARTS MARKED BY ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY.

CAUTION: DIGITAL TRANSISTER

SCHEMATIC DIAGRAMS - 11

VFD POWER SCHEMATIC DIAGRAM
(MAIN PCB)



CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE FUSE 1A 63V (F1701/F1702)

ATTENTION: POUR UNE PROTECTION CONTINUE LES RISQUES D'INCEIE
N'UTILISER QUE DES FUSIBLE DE MEME TYPE 1A 63V (F1701/F1702)

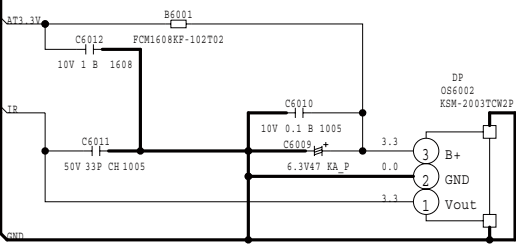
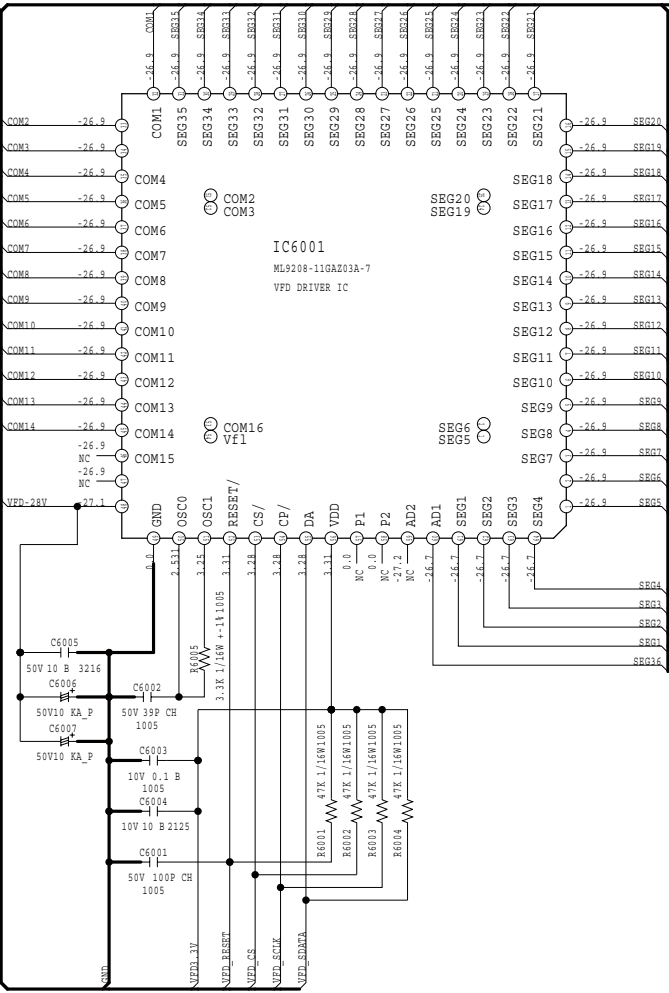
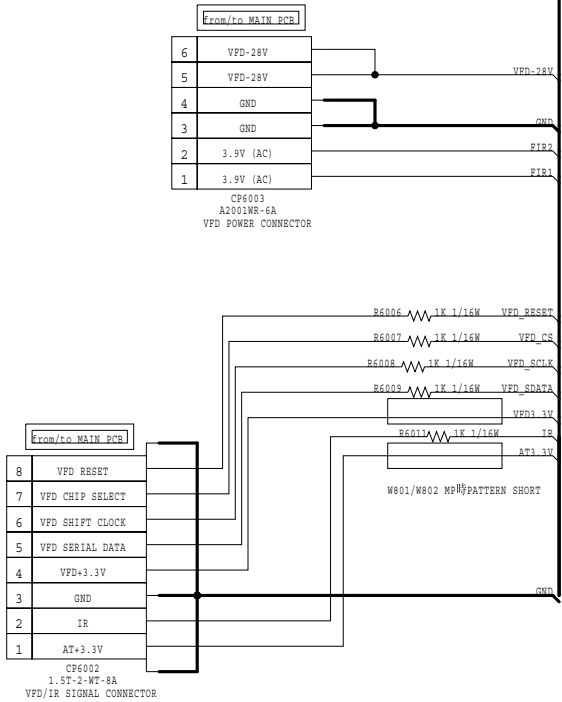
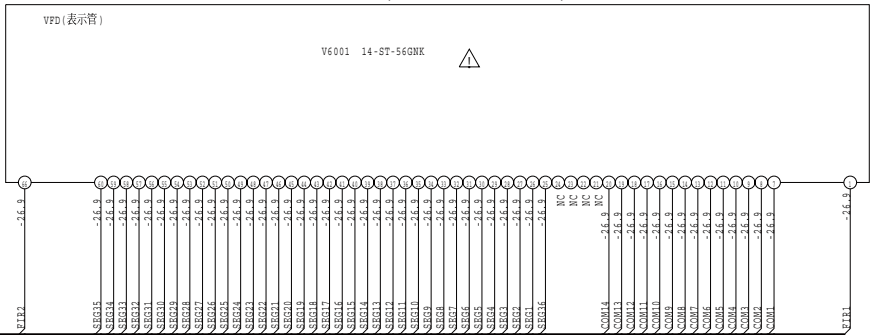
ATTENTION: LES PIECES REPARÉES PAR UN $\triangle$ ÉTANT
DANGERUSES AN POINT DE VUE SECURITE
N'UTILISER QUE CELLS DECRITES
DANS LA NOMENCLATURE DES PIECES.

CAUTION: SINCE THESE PARTS MARKED BY Δ ARE
CRITICAL FOR SAFETY, USE ONES
DESCRIBED IN PARTS LIST ONLY.

SCHEMATIC DIAGRAMS - 12

DISPLAY SCHEMATIC DIAGRAM

(DISPLAY PCB)



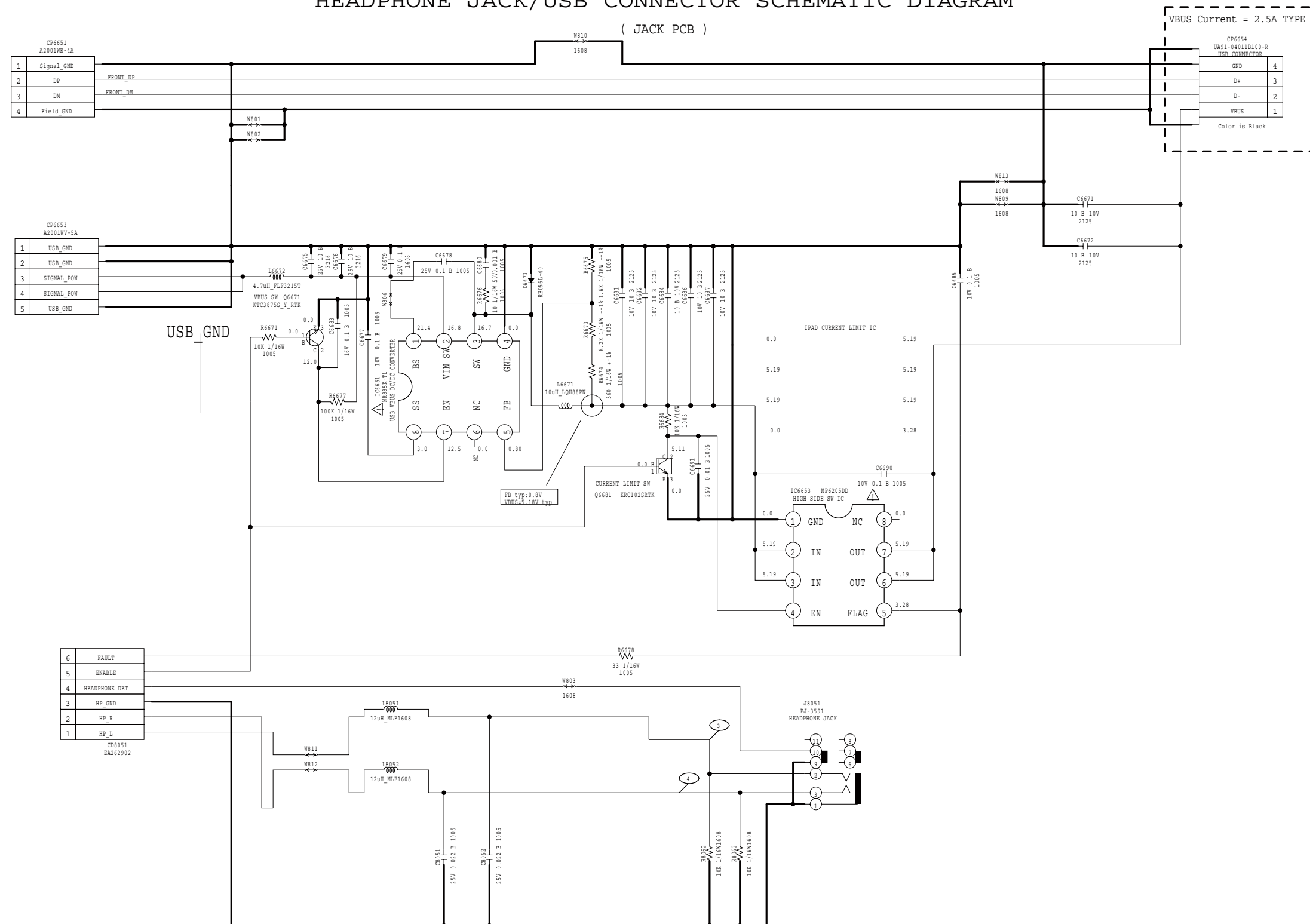
ATTENTION: LES PIECES REPARÉES PAR UN Δ ÉTANT
DANGEREUSES AU POINT DE VUE SÉCURITÉ
N'UTILISER QUE CELLES DÉCRITES
DANS LA NOMENCLATURE DES PIÈCES.

CAUTION: SINCE THESE PARTS MARKED BY Δ ARE
CRITICAL FOR SAFETY, USE ONES
DESCRIBED IN PARTS LIST ONLY.

SCHEMATIC DIAGRAMS - 13

HEADPHONE JACK / USB CONNECTOR (JACK PCB)

HEADPHONE JACK/USB CONNECTOR SCHEMATIC DIAGRAM



ATTENTION: LES PIECES REPARÉES PAR UN $\triangle$ ÉTANT
DANGEREUSES AU POINT DE VUE SÉCURITÉ
N'UTILISER QUE CELLES DÉCRITES
DANS LA NOMENCLATURE DES PIÈCES.

CAUTION: SINCE THESE PARTS MARKED BY ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY.

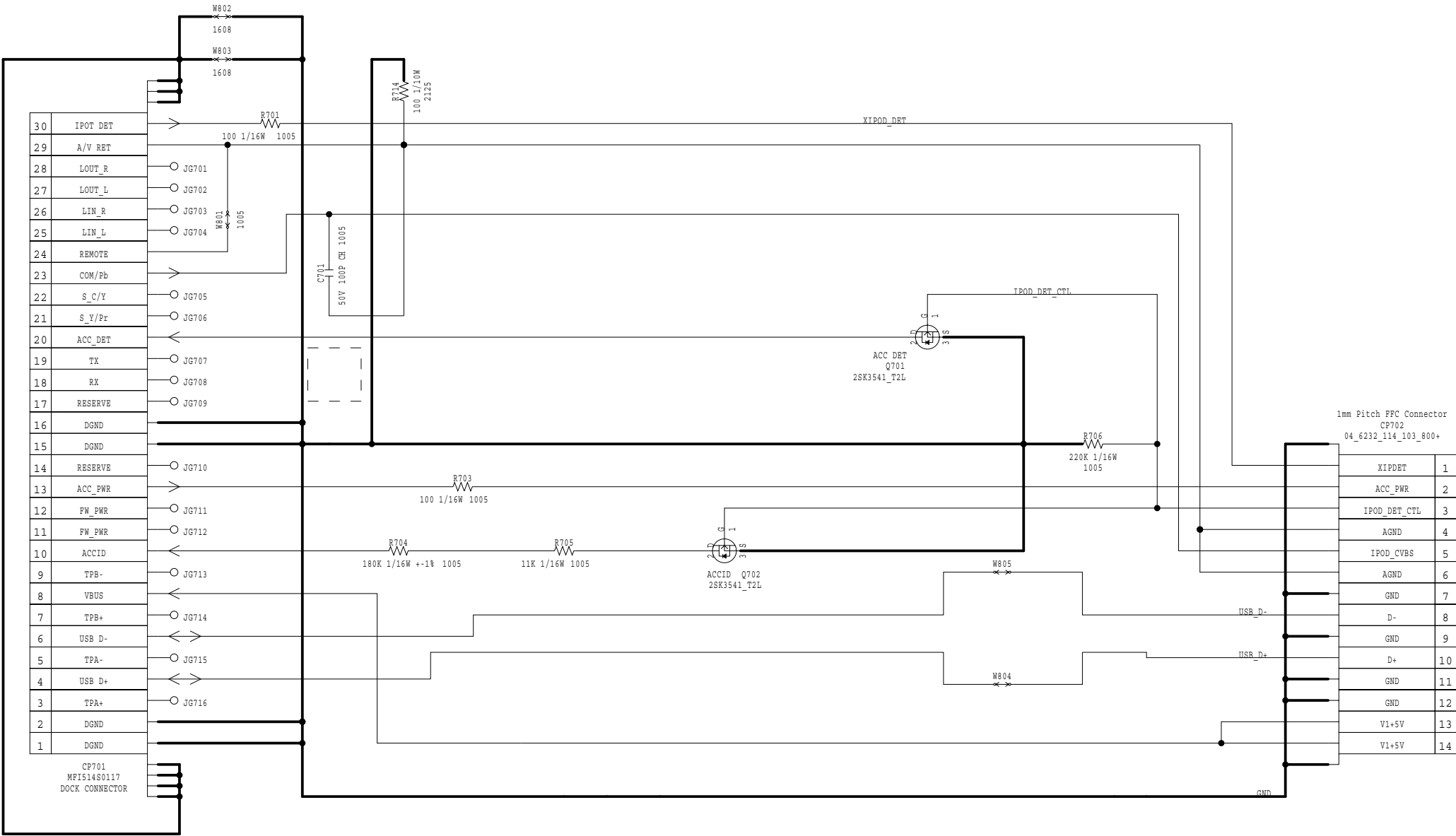
CAUTION: DIGITAL TRANSISTER.



SCHEMATIC DIAGRAMS - 14
DOCK CONNECTOR ADAPTOR

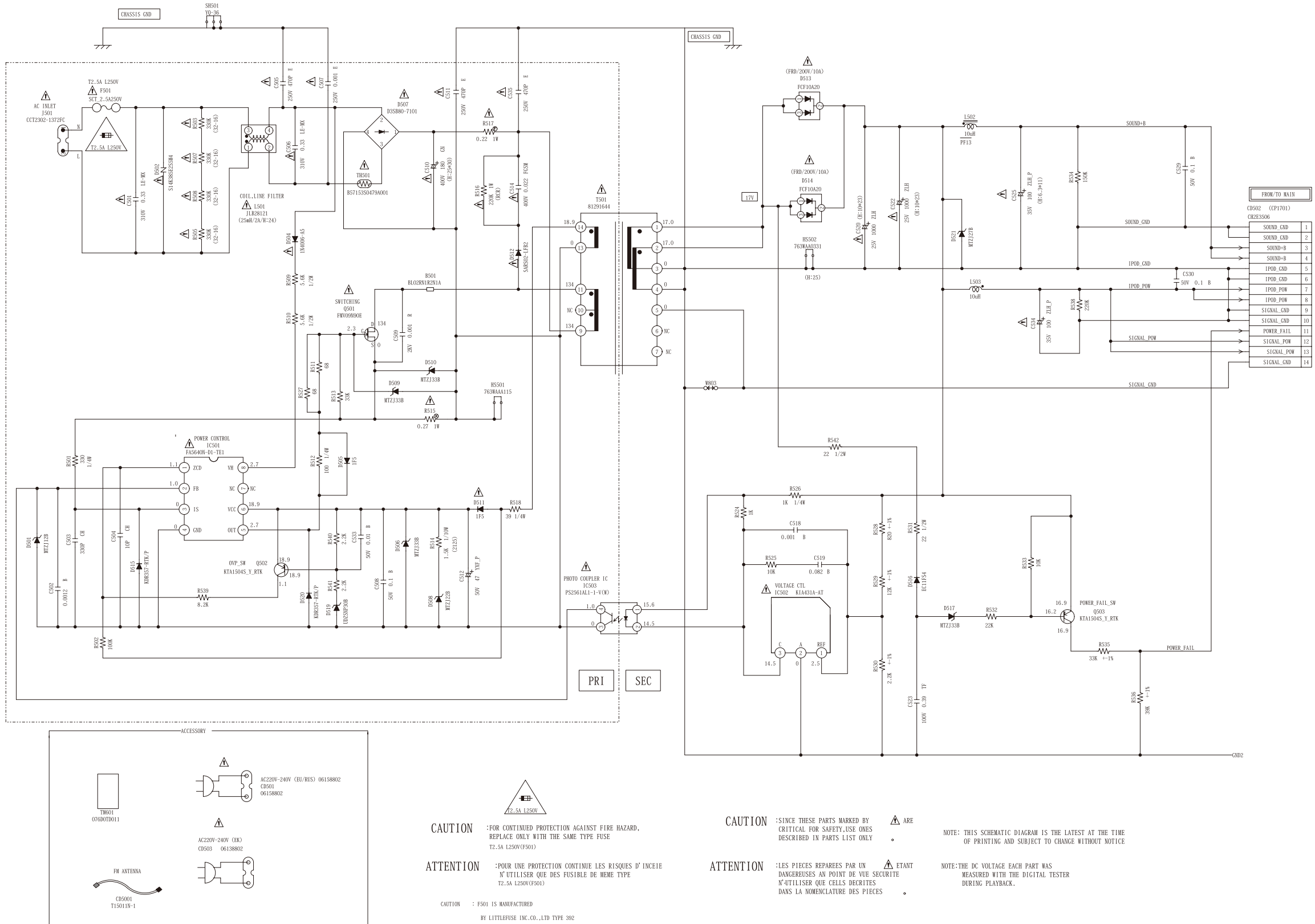
DOCK CONNECTOR ADAPTER SCHEMATIC DIAGRAM

(DOCK PCB)



SCHEMATIC DIAGRAMS - 15

POWER SCHEMATIC DIAGRAM
(POWER PCB)



A

B

C

D

E

SCHEMATIC DIAGRAMS - 16

OPERATION / USB (OPERATION PCB)

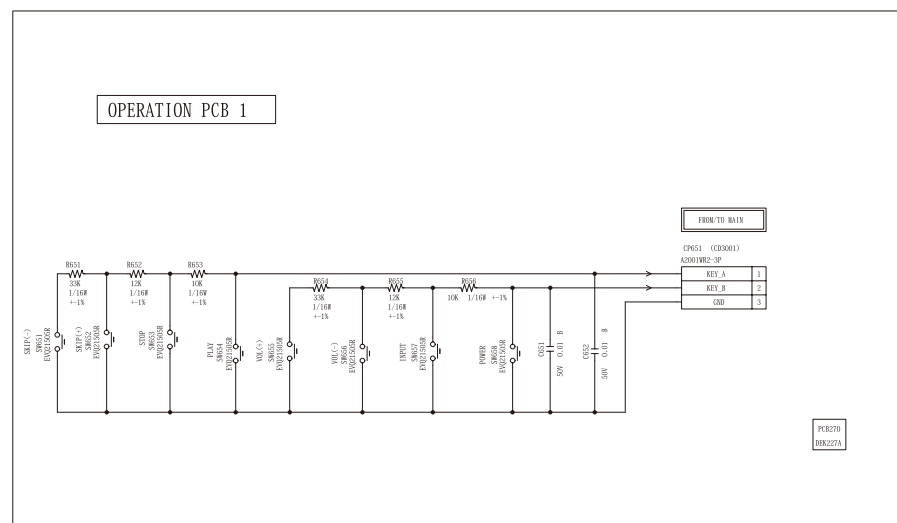
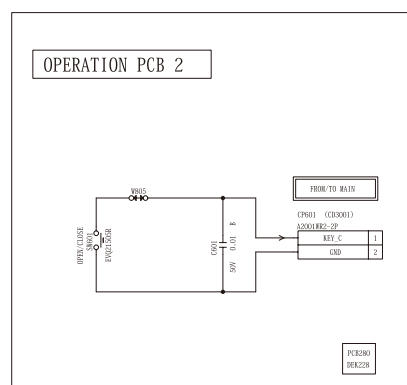
1

2

3

4

OPERATION/USB SCHEMATIC DIAGRAM
(OPERATION PCB)



NOTE:THE DC VOLTAGE EACH PART WAS MEASURED WITH THE DIGITAL TESTER DURING PLAYBACK.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE

CR-245(B/W)DAE

<Note>

Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

NOTE :

THE COMPONENTS IDENTIFIED BY THE MARK ! ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK.

CR-245(B/W)DAE

EXPLODED VIEW PARTS LIST

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
1	HOLDER VFD			761WPA0650	
2	HOLDER DECK 2			702WPA1578	
3	PLATE JACK			702WSJ0005	
4	HOLDER WIRE			709WPA0051	
5	TRAY			711WPA0414	
				712WPB0182	<W>
6	FELT SHEET			800WQ0A396	
7	SPRING EARTH			744WUA0072	
8	SPRING EARTH			753WUAA019	
9	SHEET PC			759WNA0035	
10	FRAME ANGLE TOP			761WSA0877	
11	EARTH RUG			761WSAA357	
12	PC WASHER	7x3.2xT0.5		800WB00006	
13	CUSHION			800WFAA074	
14	WASHER			82A1012060	
15	NUT(VOLUME NUT 3/8 INCH)			830030902U	
16	SCREW TAP TITE(P) WH10 3x8			8110E3080U	
17	SCREW TAP TITE(B) WH8 3x10			8109D30A0U	
18	SCREW TAP TITE(P) BIND 2.6x8			811022680U	
19	SCREW TAP TITE(B) BIND 3x8			810923080U	
20	SCREW TAP TITE(B) BIND 3x10 BK			8109230A0S	
				8109230A0U	<W>
21	SCREW TAP TITE(B) BIND 3x14			8109230A4U	

22	SCREW TAP TITE(B) BIND 3x8	810923080S	
23	SCREW TAP TITE(B) PAN 3x6 BK	810913060S	
101	FRONT CABI ASS'Y	7A701B415A	
		7A701B421B	<W>
101A	CABINET FRONT	701WPBA123	
		701WPB0223	<W>
101B	PANEL FRONT	701WSJ0006	
		701WSJA007	<W>
101C	HOLDER DECK I	702WPA1577	
101D	PLATE BOTTOM	702WSA0303	
101E	LEG	704WPA0182	
101F	PLATE DISPLAY	711WPB0062	
101G	DOUBLE FACE TAPE	729000A022	
101H	DOUBLE FACE TAPE	7290000224	
101I	DOUBLE FACE TAPE	7290000225	
101J	FRONT BUTTON FRAME	735WPA1000	
		735WPB0394	<W>
101K	HOLDERASSIS L	761WPBA004	
		761WPB0005	<W>
101L	HOLDERASSIS R	761WPBA005	
		761WPB0006	<W>
101M	CUSHION LEG	800WRA0015	
101N	FELT SHEET	800WQ0A354	
102	TOP CABI ASS'Y	7A702B384A	
		7A7020388B	<W>
102A	CABINET TOP	702WPJA023	
		702WPJ0069	<W>
102B	HOLDER SHUTTER	702WPAB863	
		702WPA1575	<W>
102C	TOP BUTTON FRAME	735WPBB709	
		735WPB0393	<W>
102D	DOCK SHUTTER	702WPBA281	
		702WPB0138	<W>
102E	DOCK COVER	702WPBA280	
		702WPB0139	<W>
102F	SPRING SHUTTER	749WUA0002	

102G	HOOK			761WPBA003	
				761WPBA006	<W>
102H	CUSHION			800WRAA013	
102I	CUSHION			800WRA0017	
102J	CUSHION			800WRA0019	
102K	FELT SHEET			800WQ0A354	
	*** P.C. BOARDS ***				
PCB240	POWER PCB ASS'Y	DPK028A	1	A11511A240	
PCB260	FRONT JACK PCB ASS'Y	DEL262A	1	A11511A260	
PCB270	OPERATION PCB ASS'Y	DEK227A	1	A11511A270	
PCB280	OPERATION 2 PCB ASS'Y	DEK228A	1	A11511A280	
PCBDP0	DISPLAY PCB ASS'Y	DEL261A	1	A11511ADP0	
PCBF40	MAIN PCB ASS'Y	DML146A	1	A11511AF40	
				A11519AF40	<W>
PCBFF0	DOCK PCB ASS'Y	DEL263A	1	A11511AFF0	
	MECH.				
Z1	CD MECHA ASS'Y(DM5)			A11501A650	

CR-245(B/W)DAE**PACKING PROCEDURES PARTS LIST**

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
P1	CORD SET AC	6158802		1206158802	!
P2	CORD SET AC	6138802		1206138802	!
P3	ANTENNA ROD	T15011N-1		06ERL0B001	
P4	TRANSMITTER (REMOTE CONTROLE UNIT)	000-000810120		076D0TD011	
P5	CARTON LABEL			723000F258	
				723000F412	<W>
P6	LAMI BAG			791WHA0219	
P7	PACKAGE FRONT			792WHA0864	
P8	PACKAGE BACK			792WHA0865	
P9	GIFT BOX			793WCDE724	

P10	SHEET PROTECTION	793WCDE777	<W>
		795WCA0743	
P11	POLYBAG INSTRUCTION(RED CAUTION)	JB5KD001	
P12	WEEE SHEET	J1150129A	
P13	INSTRUCTION BOOK(E)	J1151101A	
P14	INSTRUCTION BOOK(DE/FR/SV)	J1151131A	

CR-245(B/W)DAE

PC BOARD PARTS LIST

CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
	*** RESISTORS ***				
R501	RC	330OHM 1/4W	1	R002T4331J	
R502	RC	100KOHM 1/16W	1	R803R9104J	
R503	RC 1206W8J0334T5E	330K OHM 1/8W	1	R8X2R8334J	
R505	RC 1206W8J0334T5E	330K OHM 1/8W	1	R8X2R8334J	
R507	RC 1206W8J0334T5E	330K OHM 1/8W	1	R8X2R8334J	
R508	RC 1206W8J0334T5E	330K OHM 1/8W	1	R8X2R8334J	
R509	RC	5.6KOHM 1/2W	1	R002T2562J	
R510	RC	5.6KOHM 1/2W	1	R002T2562J	
R511	RC	68OHM 1/16W	1	R803R9680J	
R512	RC	100OHM 1/4W	1	R002T4101J	
R513	RC	33KOHM 1/16W	1	R803R9333J	
R514	RC	1.5KOHM 1/10W	1	R801R7152J	
R515	R,METAL OXIDE	0.27 OHM 1W	1	R3K781R27J	
R516	RC R60CT52A224J	220K OHM 1W	1	RC31X1224J	
R517	R,FUSE RF1CL15AR22J	0.22 OHM 1W	1	R63881R22J	
R518	RC	39OHM 1/4W	1	R002T4390J	
R524	RC	1KOHM 1/16W	1	R803R9102J	
R525	RC	10KOHM 1/16W	1	R803R9103J	
R526	RC	1KOHM 1/4W	1	R002T4102J	
R527	RC	68OHM 1/16W	1	R803R9680J	
R528	RC	820OHM 1/16W	1	R803R9821F	
R529	RC	12KOHM 1/16W	1	R803R9123F	

R530	RC	2.2KOHM 1/16W	1	R803R9222F
R531	RC	22OHM 1/2W	1	R002T2220J
R532	RC	22KOHM 1/16W	1	R803R9223J
R533	RC	10KOHM 1/16W	1	R803R9103J
R534	RC	150KOHM 1/16W	1	R803R9154J
R535	RC	33KOHM 1/16W	1	R803R9333F
R536	RC	39KOHM 1/16W	1	R803R9393F
R538	RC	220KOHM 1/16W	1	R803R9224J
R539	RC	8.2KOHM 1/16W	1	R803R9822J
R540	RC	2.2KOHM 1/16W	1	R803R9222J
R541	RC	2.2KOHM 1/16W	1	R803R9222J
R542	RC	22OHM 1/2W	1	R002T2220J
R651	RC	33KOHM 1/16W	1	R803R9333F
R652	RC	12KOHM 1/16W	1	R803R9123F
R653	RC	10KOHM 1/16W	1	R803R9103F
R654	RC	33KOHM 1/16W	1	R803R9333F
R655	RC	12KOHM 1/16W	1	R803R9123F
R656	RC	10KOHM 1/16W	1	R803R9103F
R701	RC	100OHM 1/16W	1	R808R9101J
R703	RC	100OHM 1/16W	1	R808R9101J
R704	RC	180KOHM 1/16W	1	R808R9184F
R705	RC	11KOHM 1/16W	1	R808R9113J
R706	RC	220KOHM 1/16W	1	R808R9224J
R714	RC	100OHM 1/10W	1	R801R7101J
R1701	RC	1KOHM 1/16W	1	R808R9102J
R1703	RC	8.2KOHM 1/16W	1	R808R9822F
R1704	RC	200OHM 1/16W	1	R808R9201F
R1705	RC	1.6KOHM 1/16W	1	R808R9162F
R1715	RC	1KOHM 1/16W	1	R808R9102J
R1717	RC	8.2KOHM 1/16W	1	R808R9822F
R1718	RC	8.2KOHM 1/16W	1	R808R9822F
R1719	RC	1.6KOHM 1/16W	1	R808R9162F
R1722	RC	1KOHM 1/16W	1	R808R9102J
R1724	RC	8.2KOHM 1/16W	1	R808R9822F
R1725	RC	2.2KOHM 1/16W	1	R808R9222F
R1726	RC	1.6KOHM 1/16W	1	R808R9162F
R1729	RC	10KOHM 1/16W	1	R808R9103J
R1731	RC	8.2KOHM 1/16W	1	R808R9822F

R1732	RC	2.2KOHM 1/16W	1	R808R9222F
R1733	RC	1.6KOHM 1/16W	1	R808R9162F
R1736	RC	4.7KOHM 1/16W	1	R808R9472F
R1742	RC	10KOHM 1/16W	1	R808R9103J
R1743	RC	100KOHM 1/16W	1	R808R9104J
R1744	RC	47KOHM 1/16W	1	R808R9473J
R1745	RC	1MOHM 1/16W	1	R808R9105J
R1746	RC	100KOHM 1/16W	1	R808R9104F
R1747	RC	10KOHM 1/16W	1	R808R9103F
R1748	RC	68KOHM 1/16W	1	R808R9683F
R1749	RC	2.2MOHM 1/16W	1	R808R9225J
R1750	RC	2.7KOHM 1/16W	1	R808R9272J
R1751	RC	5.6KOHM 1/16W	1	R808R9562F
R1752	RC	10KOHM 1/16W	1	R808R9103J
R1753	RC	68OHM 1/16W	1	R808R9680F
R1754	RC	470OHM 1/16W	1	R808R9471F
R1755	RC	1KOHM 1/16W	1	R808R9102F
R1756	RC	100KOHM 1/16W	1	R808R9104J
R1757	RC	10KOHM 1/16W	1	R808R9103J
R1758	RC	10KOHM 1/16W	1	R808R9103J
R1759	RC	10KOHM 1/16W	1	R808R9103J
R1760	RC	6.8KOHM 1/16W	1	R808R9682J
R1761	RC	8.2KOHM 1/16W	1	R808R9822J
R1762	RC	10KOHM 1/16W	1	R808R9103J
R1763	RC	10KOHM 1/16W	1	R808R9103J
R1764	RC	1MOHM 1/16W	1	R808R9105J
R1765	RC	3.3KOHM 1/16W	1	R808R9332J
R1766	RC	6.8KOHM 1/16W	1	R808R9682J
R1767	RC	8.2KOHM 1/16W	1	R808R9822J
R1768	RC	10KOHM 1/16W	1	R803R9103J
R1779	RC	33OHM 1/16W	1	R808R9330J
R1781	RC	4.7KOHM 1/16W	1	R808R9472J
R1785	RC	56KOHM 1/16W	1	R808R9563J
R1786	RC	56KOHM 1/16W	1	R808R9563J
R1787	RC	56KOHM 1/16W	1	R803R9563J
R2004	RC	10KOHM 1/16W	1	R808R9103J
R2006	RC	10KOHM 1/16W	1	R808R9103J
R2011	RC	10KOHM 1/16W	1	R808R9103J

R2012	RC	47KOHM 1/16W	1	R808R9473J
R2013	RC	47KOHM 1/16W	1	R808R9473J
R2016	RC	33OHM 1/16W	1	R808R9330J
R2017	RC	33OHM 1/16W	1	R808R9330J
R2036	RC	11KOHM 1/16W	1	R808R9113J
R2037	RC	11KOHM 1/16W	1	R808R9113J
R2039	RC	11KOHM 1/16W	1	R808R9113J
R2040	RC	9.1KOHM 1/16W	1	R808R9912J
R2041	RC	9.1KOHM 1/16W	1	R808R9912J
R2042	RC	62KOHM 1/16W	1	R808R9623F
R2043	RC	62KOHM 1/16W	1	R808R9623F
R2046	RC	11KOHM 1/16W	1	R808R9113J
R2047	RC	22KOHM 1/16W	1	R808R9223J
R2048	RC	22KOHM 1/16W	1	R808R9223J
R2049	RC	30KOHM 1/16W	1	R808R9303J
R2052	RC	10KOHM 1/16W	1	R808R9103F
R2053	RC	10KOHM 1/16W	1	R808R9103F
R2055	RC	22KOHM 1/16W	1	R808R9223J
R2056	RC	10KOHM 1/16W	1	R808R9103J
R2057	RC	27KOHM 1/16W	1	R808R9273J
R2058	RC	39KOHM 1/16W	1	R808R9393J
R2059	RC	47KOHM 1/16W	1	R808R9473J
R2060	RC	47KOHM 1/16W	1	R808R9473J
R2061	RC	47KOHM 1/16W	1	R808R9473J
R2062	RC	47KOHM 1/16W	1	R808R9473J
R2063	RC	15KOHM 1/16W	1	R808R9153J
R2064	RC	15KOHM 1/16W	1	R808R9153J
R2068	RC	470OHM 1/16W	1	R808R9471J
R2069	RC	4.7KOHM 1/16W	1	R808R9472J
R2070	RC	220OHM 1/16W	1	R803R9221J
R2072	RC	4.7KOHM 1/16W	1	R808R9472J
R2073	RC	2.2KOHM 1/16W	1	R808R9222J
R2074	RC	10KOHM 1/16W	1	R808R9103J
R2075	RC	220OHM 1/16W	1	R803R9221J
R2076	RC	330OHM 1/16W	1	R808R9331J
R2082	RC	22OHM 1/16W	1	R808R9220J
R2083	RC	22OHM 1/16W	1	R808R9220J
R2084	RC	22OHM 1/16W	1	R808R9220J

R2089	RC	10KOHM 1/16W	1	R808R9103J
R2090	RC	10KOHM 1/16W	1	R808R9103J
R2091	RC	10KOHM 1/16W	1	R808R9103J
R2093	RC	1.2KOHM 1/16W	1	R808R9122J
R2094	RC	1.2KOHM 1/16W	1	R808R9122J
R2095	RC	10KOHM 1/16W	1	R808R9103J
R2096	RC	10KOHM 1/16W	1	R808R9103J
R2097	RC	390OHM 1/16W	1	R808R9391J
R2098	RC	390OHM 1/16W	1	R808R9391J
R2101	RC	3.3KOHM 1/10W	1	R801R7332J
R2102	RC	20KOHM 1/16W	1	R803R9203J
R2103	RC	47KOHM 1/16W	1	R803R9473J
R2104	RC	2.7KOHM 1/10W	1	R801R7272J
R2105	RC	3.3KOHM 1/10W	1	R801R7332J
R2107	RC	150OHM 1/16W	1	R803R9151J
R2108	RC	5.6KOHM 1/16W	1	R803R9562J
R2109	RC	47KOHM 1/16W	1	R803R9473J
R2110	RC	10KOHM 1/16W	1	R803R9103J
R2111	RC	10KOHM 1/16W	1	R803R9103J
R2112	RC	10KOHM 1/16W	1	R803R9103J
R2113	RC	10KOHM 1/16W	1	R803R9103J
R2114	RC	10KOHM 1/16W	1	R803R9103J
R2115	RC	10KOHM 1/16W	1	R808R9103J
R2116	RC	5.6KOHM 1/16W	1	R808R9562J
R2117	RC	68OHM 1/16W	1	R803R9680J
R2118	RC	68OHM 1/16W	1	R803R9680J
R2119	RC	1.2KOHM 1/16W	1	R808R9122J
R2121	RC	680OHM 1/16W	1	R808R9681J
R2122	RC	3.3KOHM 1/16W	1	R808R9332J
R2125	RC	5.6KOHM 1/16W	1	R803R9562J
R2126	RC	10KOHM 1/16W	1	R808R9103F
R2127	RC	10KOHM 1/16W	1	R808R9103F
R2128	RC	22OHM 1/16W	1	R808R9220J
R2129	RC	220OHM 1/16W	1	R808R9221J
R2130	RC	220OHM 1/16W	1	R808R9221J
R2132	RC	220OHM 1/16W	1	R808R9221J
R2301	RC	18KOHM 1/16W	1	R808R9183F
R2302	RC	8.2KOHM 1/16W	1	R808R9822F

R2303	RC	47KOHM 1/16W	1	R808R9473J
R2304	RC	47KOHM 1/16W	1	R808R9473J
R2305	RC	10KOHM 1/16W	1	R808R9103J
R2306	RC	10KOHM 1/16W	1	R808R9103F
R2307	RC	8.2KOHM 1/16W	1	R808R9822F
R2308	RC	470OHM 1/16W	1	R808R9471F
R2309	RC	3.3KOHM 1/16W	1	R808R9332J
R2310	RC	10KOHM 1/16W	1	R808R9103J
R2311	RC	10KOHM 1/16W	1	R808R9103J
R2312	RC	10KOHM 1/16W	1	R808R9103J
R2313	RC	10KOHM 1/16W	1	R808R9103J
R2314	RC	10KOHM 1/16W	1	R808R9103J
R2315	RC MCR10EZHJL1R0	1 OHM 1/4W	1	R861R4010J
R2316	RC	10KOHM 1/16W	1	R808R9103J
R3001	RC	4.7KOHM 1/16W	1	R808R9472J
R3002	RC	100KOHM 1/16W	1	R808R9104J
R3005	RC	47KOHM 1/16W	1	R808R9473J
R3006	RC	27KOHM 1/16W	1	R808R9273J
R3017	RC	100OHM 1/16W	1	R808R9101J
R3018	RC	3.9KOHM 1/16W	1	R808R9392J
R3019	RC	3.9KOHM 1/16W	1	R808R9392J
R3020	RC	100OHM 1/16W	1	R808R9101J
R3021	RC	10KOHM 1/16W	1	R808R9103J
R3022	RC	10KOHM 1/16W	1	R808R9103J
R3025	RC	10KOHM 1/16W	1	R808R9103J
R3026	RC	10KOHM 1/16W	1	R808R9103J
R3027	RC	10KOHM 1/16W	1	R808R9103J
R3028	RC	10KOHM 1/16W	1	R808R9103J
R3029	RC	22OHM 1/16W	1	R808R9220J
R3030	RC	22OHM 1/16W	1	R808R9220J
R3031	RC	10KOHM 1/16W	1	R808R9103J
R3032	RC	100OHM 1/16W	1	R808R9101J
R3033	RC	4.7KOHM 1/16W	1	R808R9472J
R3034	RC	47KOHM 1/16W	1	R808R9473J
R3035	RC	100OHM 1/16W	1	R808R9101J
R3036	RC	10KOHM 1/16W	1	R808R9103J
R3038	RC	33OHM 1/16W	1	R808R9330J
R3040	RC	33OHM 1/16W	1	R808R9330J

R3044	RC	4.7KOHM 1/16W	1	R808R9472J
R3045	RC	100OHM 1/16W	1	R808R9101J
R3048	RC	10KOHM 1/16W	1	R808R9103J
R3049	RC	10KOHM 1/16W	1	R808R9103J
R3050	RC	10KOHM 1/16W	1	R808R9103J
R3051	RC	10KOHM 1/16W	1	R808R9103J
R3052	RC	100KOHM 1/16W	1	R808R9104J
R3053	RC	10KOHM 1/16W	1	R808R9103J
R3054	RC	470OHM 1/16W	1	R808R9471J
R3064	RC	33OHM 1/16W	1	R808R9330J
R3069	RC	22OHM 1/16W	1	R808R9220J
R3070	RC	22OHM 1/16W	1	R808R9220J
R3071	RC	22OHM 1/16W	1	R808R9220J
R3072	RC	22OHM 1/16W	1	R808R9220J
R3073	RC	22KOHM 1/16W	1	R808R9223J
R3074	RC	56KOHM 1/16W	1	R808R9563J
R3075	RC	56KOHM 1/16W	1	R808R9563J
R3076	RC	56KOHM 1/16W	1	R808R9563J
R3077	RC	10KOHM 1/16W	1	R808R9103J
R3078	RC	39KOHM 1/16W	1	R808R9393J
R3079	RC	39KOHM 1/16W	1	R808R9393J
R3080	RC	22KOHM 1/16W	1	R808R9223J
R3081	RC	47KOHM 1/16W	1	R808R9473J
R3082	RC	47KOHM 1/16W	1	R808R9473J
R3083	RC	47KOHM 1/16W	1	R808R9473J
R3087	RC	10KOHM 1/16W	1	R808R9103J
R3088	RC	10KOHM 1/16W	1	R808R9103J
R3089	RC	82OHM 1/16W	1	R808R9820F
R3090	RC	10KOHM 1/16W	1	R808R9103J
R3091	RC	100KOHM 1/16W	1	R808R9104J
R3092	RC	10KOHM 1/16W	1	R808R9103J
R3093	RC	33OHM 1/16W	1	R808R9330J
R3095	RC	33OHM 1/16W	1	R808R9330J
R3096	RC	33OHM 1/16W	1	R808R9330J
R3097	RC	10KOHM 1/16W	1	R808R9103J
R3100	RC	10KOHM 1/16W	1	R808R9103J
R3102	RC	22OHM 1/16W	1	R808R9220J
R4001	RC	10OHM 1/16W	1	R808R9100J

R4002	RC	10KOHM 1/16W	1	R808R9103J
R4004	RC	10KOHM 1/16W	1	R808R9103J
R4005	RC	33OHM 1/16W	1	R808R9330J
R4006	RC	10KOHM 1/16W	1	R808R9103J
R4007	RC	10KOHM 1/16W	1	R808R9103J
R4010	RC	560OHM 1/16W	1	R808R9561F
R4012	RC	33OHM 1/16W	1	R808R9330J
R4018	RC	10KOHM 1/16W	1	R808R9103J
R4019	RC	33OHM 1/16W	1	R808R9330J
R4020	RC	33OHM 1/16W	1	R808R9330J
R4033	RC	82OHM 1/16W	1	R808R9820F
R4034	RC	100KOHM 1/16W	1	R808R9104J
R4035	RC	13KOHM 1/16W	1	R808R9133F
R4036	RC	8.2KOHM 1/16W	1	R808R9822F
R4037	RC	13KOHM 1/16W	1	R808R9133F
R4038	RC	13KOHM 1/16W	1	R808R9133F
R4039	RC	5.1KOHM 1/16W	1	R808R9512F
R4040	RC	10KOHM 1/16W	1	R808R9103J
R4044	RC	4.7KOHM 1/16W	1	R808R9472J
R4045	RC	4.7KOHM 1/16W	1	R808R9472J
R4048	RC	150OHM 1/16W	1	R808R9151J
R4049	RC	22OHM 1/16W	1	R808R9220J
R4051	RC	75OHM 1/16W	1	R803R9750F
R4052	RC	22OHM 1/16W	1	R808R9220J
R4053	RC	22OHM 1/16W	1	R808R9220J
R4054	RC	22OHM 1/16W	1	R808R9220J
R4055	RC	10KOHM 1/16W	1	R808R9103J
R4056	RC	10KOHM 1/16W	1	R808R9103J
R4061	RC	10KOHM 1/16W	1	R808R9103J
R5109	RC	220OHM 1/16W	1	R808R9221J
R5110	RC	220OHM 1/16W	1	R808R9221J
R5111	RC	220OHM 1/16W	1	R808R9221J
R5112	RC	100OHM 1/16W	1	R808R9101J
R5119	RC	10KOHM 1/16W	1	R808R9103J
R6001	RC	47KOHM 1/16W	1	R808R9473J
R6002	RC	47KOHM 1/16W	1	R808R9473J
R6003	RC	47KOHM 1/16W	1	R808R9473J
R6004	RC	47KOHM 1/16W	1	R808R9473J

R6005	RC	3.3KOHM 1/16W	1	R808R9332F
R6006	RC	1KOHM 1/16W	1	R808R9102J
R6007	RC	1KOHM 1/16W	1	R808R9102J
R6008	RC	1KOHM 1/16W	1	R808R9102J
R6009	RC	1KOHM 1/16W	1	R808R9102J
R6011	RC	1KOHM 1/16W	1	R808R9102J
R6610	RC	10KOHM 1/16W	1	R808R9103J
R6612	RC	10KOHM 1/16W	1	R808R9103J
R6613	RC	10KOHM 1/16W	1	R808R9103J
R6619	RC	10KOHM 1/16W	1	R808R9103J
R6620	RC	10KOHM 1/16W	1	R808R9103J
R6621	RC	10KOHM 1/16W	1	R808R9103J
R6622	RC	10KOHM 1/16W	1	R808R9103J
R6623	RC	10KOHM 1/16W	1	R808R9103J
R6624	RC	10KOHM 1/16W	1	R808R9103J
R6625	RC	12KOHM 1/16W	1	R808R9123F
R6626	RC	1MOHM 1/16W	1	R808R9105J
R6628	RC	10KOHM 1/16W	1	R808R9103J
R6630	RC	10KOHM 1/16W	1	R808R9103J
R6632	RC	10KOHM 1/16W	1	R808R9103J
R6633	RC	10KOHM 1/16W	1	R808R9103J
R6635	RC	10KOHM 1/16W	1	R808R9103J
R6636	RC	10KOHM 1/16W	1	R808R9103J
R6637	RC	10KOHM 1/16W	1	R808R9103J
R6638	RC	10KOHM 1/16W	1	R808R9103J
R6639	RC	10KOHM 1/16W	1	R808R9103J
R6648	RC	10KOHM 1/16W	1	R808R9103J
R6649	RC	10KOHM 1/16W	1	R808R9103J
R6653	RC	4.7KOHM 1/16W	1	R808R9472J
R6654	RC	22OHM 1/16W	1	R808R9220J
R6655	RC	22OHM 1/16W	1	R808R9220J
R6656	RC	22OHM 1/16W	1	R808R9220J
R6657	RC	22OHM 1/16W	1	R808R9220J
R6658	RC	22OHM 1/16W	1	R808R9220J
R6659	RC	22OHM 1/16W	1	R808R9220J
R6671	RC	10KOHM 1/16W	1	R808R9103J
R6673	RC	8.2KOHM 1/16W	1	R808R9822F
R6674	RC	560OHM 1/16W	1	R808R9561F

R6675	RC	1.6KOHM 1/16W	1	R808R9162F
R6676	RC	10OHM 1/16W	1	R808R9100J
R6677	RC	100KOHM 1/16W	1	R808R9104J
R6678	RC	33OHM 1/16W	1	R808R9330J
R6684	RC	10KOHM 1/16W	1	R808R9103J
R7027	RC	33OHM 1/16W	1	R808R9330J
R7044	RC	10KOHM 1/16W	1	R808R9103F
R7045	RC	3.3KOHM 1/16W	1	R808R9332J
R7046	RC	62KOHM 1/16W	1	R808R9623F
R7047	RC	330OHM 1/16W	1	R808R9331F
R7048	RC	330OHM 1/16W	1	R808R9331F
R7049	RC	11KOHM 1/16W	1	R808R9113J
R7050	RC	11KOHM 1/16W	1	R808R9113J
R7051	RC	10KOHM 1/16W	1	R808R9103F
R7052	RC	3.3KOHM 1/16W	1	R808R9332J
R7053	RC	62KOHM 1/16W	1	R808R9623F
R7054	RC	10KOHM 1/16W	1	R808R9103F
R7055	RC	10KOHM 1/16W	1	R808R9103F
R7056	RC	56KOHM 1/16W	1	R808R9563J
R7057	RC	56KOHM 1/16W	1	R808R9563J
R7058	RC	4.7KOHM 1/16W	1	R808R9472J
R7059	RC	4.7KOHM 1/16W	1	R808R9472J
R7060	RC	4.7KOHM 1/16W	1	R808R9472J
R7062	RC	22OHM 1/16W	1	R808R9220J
R7063	RC	22OHM 1/16W	1	R808R9220J
R7064	RC	22OHM 1/16W	1	R808R9220J
R7065	RC	4.7KOHM 1/16W	1	R808R9472J
R7067	RC	110OHM 1/16W	1	R808R9111J
R7068	RC	110OHM 1/16W	1	R808R9111J
R7069	RC	10OHM 1/16W	1	R808R9100J
R7070	RC	10OHM 1/16W	1	R808R9100J
R7072	RC	22OHM 1/16W	1	R808R9220J
R7073	RC	22OHM 1/16W	1	R808R9220J
R7074	RC	22OHM 1/16W	1	R808R9220J
R7075	RC	22OHM 1/16W	1	R808R9220J
R7076	RC	100OHM 1/16W	1	R808R9101J
R7077	RC	1MOHM 1/16W	1	R808R9105J
R7079	RC	3.3KOHM 1/16W	1	R808R9332J

R7083	RC	22OHM 1/16W	1	R808R9220J
R7084	RC	22OHM 1/16W	1	R808R9220J
R7086	RC	47OHM 1/16W	1	R803R9470J
R8062	RC	10KOHM 1/16W	1	R803R9103J
R8063	RC	10KOHM 1/16W	1	R803R9103J
*** CAPACITORS ***				
C501	CMPP LE334-MX-C3.5	0.33 UF 310V	1	P4K12D334K
C502	CC GRM39B122K50PT	0.0012UF50V B	1	CS0PB04B3K
C503	CC	330PF 50V CH	1	CS0PCH4L2J
C504	CC	10PF 50V CH	1	CS0PCH411D
C505	CC DE1B3KX471KB4BL01	470 PF 250V E	1	CE39E0MQ2K
C506	CMPP LE334-MX-C3.5	0.33 UF 310V	1	P4K12D334K
C507	CC DE1E3KX102MB4BL01	0.001 UF 250V E	1	CE39E0M13M
C508	CC	0.1UF 50V B	1	CS0PB0415K
C509	CC CK45-R3DD102KNRF	0.001UF 2KV R	1	C0PLRR713K
C510	CE LGN2G181MELA30	180 UF 400V	1	E8R4HH181D
C511	CC DE1B3KX471KB4BL01	470PF 250V E	1	CE39E0MQ2K
C512	CE 50YXF47MEFCT1	6.3*11 47UF 50V	1	E8E2U5470D
C514	CMPP FGSM(161)400VDC223JFC	0.022UF 400	1	P4NBE4223J
C518	CC	0.001UF 50V B	1	CS0PB0413K
C519	CC	0.082UF 25V B	1	CS0PB03W4K
C520	CE 25ZLH1000MEFCKC	10*23 1000UF 25V	1	E8E1F3102M
C522	CE 25ZLH1000MEFCKC	10*23 1000UF 25V	1	E8E1F3102M
C523	CMPL ECQV1394JM3	0.39 UF 100V TF	1	P611T1394J
C525	CE 35ZLH100MEFCT1	6.3*11 100UF 35V	1	E8E1U4101M
C529	CC	0.1UF 50V B	1	CS0PB0415K
C530	CC	0.1UF 50V B	1	CS0PB0415K
C533	CC	0.01UF 50V B	1	CS0PB0414K
C534	CE 35ZLH100MEFCT1	6.3*11 100UF 35V	1	E8E1U4101M
C535	CC DE1B3KX471KB4BL01	470PF 250V E	1	CE39E0MQ2K
C601	CC	0.01UF 50V B	1	CS0PB0414K
C651	CC	0.01UF 50V B	1	CS0PB0414K
C652	CC	0.01UF 50V B	1	CS0PB0414K
C701	CC	100PF 50V CH	1	CS0UCH412J
C1701	CC	10UF 25V B	1	CS0SB0317K
C1702	CC	10UF 25V B	1	CS0SB0317K

C1703	CC	0.1UF 10V B	1	CS0UB0N15K
C1704	CC	0.1UF 25V B	1	CS0UB0315K
C1705	CC	0.1UF 25V B	1	CS0PB0315K
C1707	CC	10UF 10V B	1	CS0RB0N17K
C1708	CC	10UF 10V B	1	CS0RB0N17K
C1709	CC	0.1UF 10V B	1	CS0UB0N15K
C1710	CC	10UF 10V B	1	CS0RB0N17K
C1721	CC	10UF 25V B	1	CS0SB0317K
C1722	CC	10UF 25V B	1	CS0SB0317K
C1723	CC	0.1UF 10V B	1	CS0UB0N15K
C1724	CC	0.1UF 25V B	1	CS0UB0315K
C1725	CC	0.1UF 25V B	1	CS0PB0315K
C1727	CC	10UF 25V B	1	CS0SB0317K
C1728	CC	10UF 25V B	1	CS0SB0317K
C1729	CC	0.1UF 10V B	1	CS0UB0N15K
C1730	CC	10UF 25V B	1	CS0SB0317K
C1731	CC	10UF 25V B	1	CS0SB0317K
C1732	CC	10UF 25V B	1	CS0SB0317K
C1733	CC	0.1UF 10V B	1	CS0UB0N15K
C1734	CC	0.1UF 25V B	1	CS0UB0315K
C1735	CC	0.1UF 25V B	1	CS0PB0315K
C1737	CC	10UF 10V B	1	CS0RB0N17K
C1738	CC	10UF 10V B	1	CS0RB0N17K
C1739	CC	0.1UF 10V B	1	CS0UB0N15K
C1740	CC	10UF 10V B	1	CS0RB0N17K
C1741	CC	10UF 25V B	1	CS0SB0317K
C1742	CC	10UF 25V B	1	CS0SB0317K
C1743	CC	0.1UF 10V B	1	CS0UB0N15K
C1744	CC	0.1UF 25V B	1	CS0UB0315K
C1745	CC	0.1UF 25V B	1	CS0PB0315K
C1747	CC	10UF 10V B	1	CS0RB0N17K
C1748	CC	10UF 10V B	1	CS0RB0N17K
C1749	CC	0.1UF 10V B	1	CS0UB0N15K
C1750	CC	10UF 10V B	1	CS0RB0N17K
C1751	CC	10UF 10V B	1	CS0RB0N17K
C1752	CC	1UF 10V B	1	CS0PB0N16K
C1753	CC	10UF 10V B	1	CS0RB0N17K
C1754	CC	0.1UF 10V B	1	CS0UB0N15K

C1756	CC	10UF 10V B	1	CS0RB0N17K
C1763	CC	10UF 10V B	1	CS0RB0N17K
C1764	CC	0.1UF 10V B	1	CS0UB0N15K
C1765	CC	10UF 10V B	1	CS0RB0N17K
C1766	CC	0.1UF 10V B	1	CS0UB0N15K
C1767	CC	0.0022UF50V B	1	CS0UB04H3K
C1768	CC	0.0022UF50V B	1	CS0UB04H3K
C1769	CC	0.0022UF50V B	1	CS0UB04H3K
C1770	CC	1UF 6.3V B	1	CS0UB0P16K
C1771	CC	1UF 50V B	1	CS0RB0416K
C1772	CC	10UF 10V B	1	CS0RB0N17K
C1773	CC	22UF 6.3V B	1	CS0RB0PH7M
C1774	CC	22UF 6.3V B	1	CS0RB0PH7M
C1775	CC	10UF 10V B	1	CS0RB0N17K
C1776	CC	10UF 10V B	1	CS0RB0N17K
C1777	CC	10UF 16V B	1	CS0RB0217K
C1778	CC	0.1UF 10V B	1	CS0UB0N15K
C1779	CC	10UF 10V B	1	CS0RB0N17K
C1780	CC	0.1UF 10V B	1	CS0UB0N15K
C1781	CC	4.7UF 6.3V B	1	CS0PB0PQ6K
C1782	CC	0.1UF 10V B	1	CS0UB0N15K
C1783	CC	4.7UF 16V B	1	CS0RB02Q6K
C1784	CC	0.1UF 10V B	1	CS0UB0N15K
C1785	CC	4.7UF 6.3V B	1	CS0PB0PQ6K
C1786	CC	0.1UF 10V B	1	CS0UB0N15K
C1787	CC	1UF 10V B	1	CS0PB0N16K
C1788	CC	0.1UF 10V B	1	CS0UB0N15K
C1789	CC	1UF 10V B	1	CS0PB0N16K
C1790	CC	10UF 10V B	1	CS0RB0N17K
C1791	CC	0.001UF 50V B	1	CS0UB0413K
C1792	CC	4.7UF 16V B	1	CS0RB02Q6K
C1793	CC	0.1UF 10V B	1	CS0UB0N15K
C1794	CC	10UF 10V B	1	CS0RB0N17K
C1795	CC	0.001UF 50V B	1	CS0UB0413K
C1796	CC	4.7UF 6.3V B	1	CS0PB0PQ6K
C1797	CC	0.1UF 10V B	1	CS0UB0N15K
C1798	CC	10UF 10V B	1	CS0RB0N17K
C1799	CC	0.001UF 50V B	1	CS0UB0413K

C1800	CC	4.7UF 6.3V B	1	CS0PB0PQ6K
C1801	CC	0.1UF 10V B	1	CS0UB0N15K
C1802	CC	1UF 25V B	1	CS0PB0316K
C1803	CC	0.1UF 10V B	1	CS0UB0N15K
C1804	CC	0.1UF 10V B	1	CS0UB0N15K
C1805	CC	0.1UF 10V B	1	CS0UB0N15K
C1806	CC	0.022UF 25V B	1	CS0UB03H4K
C1807	CC GRM31A7U2E392JW31D	0.0039UF 250V UJ	1	CS3SUJSN3J
C1808	CE 50YXF1MEFCT1	5*11 1UF 50V	1	E8E2U5010D
C1809	CE 50YXF22MEFCT1	5*11 22UF 50V	1	E8E2U5220D
C1810	CC	10UF 25V B	1	CS0SB0317K
C1811	CC	10UF 25V B	1	CS0SB0317K
C1812	CC	0.1UF 25V B	1	CS0PB0315K
C1813	CC	0.1UF 50V B	1	CS0PB0415K
C1814	CC	0.001UF 50V B	1	CS0UB0413K
C1815	CC	10UF 10V B	1	CS0RB0N17K
C1818	CC	10UF 16V B	1	CS0RB0217K
C1830	CC	1UF 25V B	1	CS0PB0316K
C2008	CC	0.1UF 10V B	1	CS0UB0N15K
C2009	CC	0.1UF 10V B	1	CS0UB0N15K
C2010	CC	0.1UF 10V B	1	CS0UB0N15K
C2011	CC	0.1UF 10V B	1	CS0UB0N15K
C2012	CC	0.1UF 10V B	1	CS0UB0N15K
C2013	CC	0.1UF 10V B	1	CS0UB0N15K
C2014	CC	0.22UF 50V B	1	CS0RB04H5K
C2015	CC	0.22UF 50V B	1	CS0RB04H5K
C2016	CC	0.1UF 50V B	1	CS0PB0415K
C2017	CC	0.1UF 50V B	1	CS0PB0415K
C2018	CC	0.1UF 50V B	1	CS0PB0415K
C2019	CC	0.1UF 50V B	1	CS0PB0415K
C2020	CC	1UF 25V B	1	CS0PB0316K
C2021	CC	1UF 25V B	1	CS0PB0316K
C2022	CC	1UF 25V B	1	CS0PB0316K
C2023	CC	1UF 25V B	1	CS0PB0316K
C2024	CE 25MHE470MEFCT8	470 UF 25V	1	E7EST3471M
C2025	CE 25MHE470MEFCT8	470 UF 25V	1	E7EST3471M
C2026	CC	0.1UF 10V B	1	CS0UB0N15K
C2027	CC	4.7UF 6.3V B	1	CS0PB0PQ6K

C2028	CC	0.1UF 10V B	1	CS0UB0N15K
C2029	CC	10UF 10V B	1	CS0RB0N17K
C2030	CC	10UF 10V B	1	CS0RB0N17K
C2031	CC	10UF 10V B	1	CS0RB0N17K
C2032	CC	10UF 10V B	1	CS0RB0N17K
C2033	CC	10UF 10V B	1	CS0RB0N17K
C2035	CC	120PF 50V CH	1	CS0UCH4B2J
C2038	CC	120PF 50V CH	1	CS0UCH4B2J
C2040	CC	10UF 16V B	1	CS0RB0217K
C2042	CE 16MHE470MEFCTA	470 UF 16V	1	E7EST2471M
C2043	CE 16MHE470MEFCTA	470 UF 16V	1	E7EST2471M
C2044	CC	10UF 10V B	1	CS0RB0N17K
C2045	CC	10UF 10V B	1	CS0RB0N17K
C2047	CC	10UF 16V B	1	CS0RB0217K
C2048	CC	10UF 10V B	1	CS0RB0N17K
C2050	CC	10UF 10V B	1	CS0RB0N17K
C2051	CC	680PF 50V CH	1	CS0UCH4U2J
C2053	CC	150PF 50V CH	1	CS0UCH4E2J
C2054	CC	100PF 50V CH	1	CS0UCH412J
C2056	CC	68PF 50V CH	1	CS0UCH4U1J
C2057	CC	68PF 50V CH	1	CS0UCH4U1J
C2058	CC	0.1UF 10V B	1	CS0UB0N15K
C2059	CC	1UF 10V B	1	CS0PB0N16K
C2079	CC	0.01UF 25V B	1	CS0UB0314K
C2080	CC	0.0047UF50V B	1	CS0UB04Q3K
C2081	CC	1UF 25V B	1	CS0PB0316K
C2084	CC	1UF 25V B	1	CS0PB0316K
C2086	CC	0.001UF 50V B	1	CS0PB0413K
C2087	CC	0.001UF 50V B	1	CS0UB0413K
C2088	CC	0.001UF 50V B	1	CS0UB0413K
C2091	CC	0.001UF 50V B	1	CS0UB0413K
C2092	CC	0.001UF 50V B	1	CS0UB0413K
C2093	CC	22PF 50V CH	1	CS0UCH4H1J
C2095	CC	1UF 10V B	1	CS0PB0N16K
C2301	CC	10UF 10V B	1	CS0RB0N17K
C2302	CC	0.1UF 10V B	1	CS0UB0N15K
C2303	CC	0.1UF 10V B	1	CS0UB0N15K
C2304	CE RV5-10V101ME55U-R4	100UF 10V	1	E964M1101D

C2305	CC	0.1UF 10V B	1	CS0UB0N15K
C2306	CC	0.1UF 10V B	1	CS0UB0N15K
C2312	CC	10UF 10V B	1	CS0RB0N17K
C2313	CC	0.1UF 10V B	1	CS0UB0N15K
C2314	CC	0.1UF 10V B	1	CS0UB0N15K
C2315	CE	100UF 6.3V	1	E70QU0101M
C2316	CE RV5-10V101ME55U-R4	100UF 10V	1	E964M1101D
C2317	CE RV5-10V101ME55U-R4	100UF 10V	1	E964M1101D
C2318	CC	100PF 50V CH	1	CS0PCH412J
C3001	CC	0.027UF 50V B	1	CS0PB04K4K
C3002	CC	0.1UF 10V B	1	CS0UB0N15K
C3003	CC	22PF 50V CH	1	CS0UCH4H1J
C3004	CC	22PF 50V CH	1	CS0UCH4H1J
C3005	CC	8PF 50V CH	1	CS0UCH480D
C3006	CC	7PF 50V CH	1	CS0UCH470C
C3007	CC	0.1UF 10V B	1	CS0UB0N15K
C3008	CC	0.1UF 10V B	1	CS0UB0N15K
C3009	CC	0.1UF 10V B	1	CS0UB0N15K
C3010	CC	0.01UF 16V B	1	CS0UB0214K
C3011	CE	0.1F 5.5V	1	E55XTP104Z
C3012	CC	0.1UF 10V B	1	CS0UB0N15K
C3013	CC	0.001UF 50V B	1	CS0UB0413K
C3014	CC	0.1UF 10V B	1	CS0UB0N15K
C3015	CC	470PF 50V CH	1	CS0UCH4Q2J
C3016	CC	0.1UF 10V B	1	CS0UB0N15K
C3032	CC	0.1UF 10V B	1	CS0UB0N15K
C3033	CC	0.47UF 6.3V B	1	CS0UB0PQ5K
C3034	CC	0.47UF 6.3V B	1	CS0UB0PQ5K
C3037	CC	0.01UF 16V B	1	CS0UB0214K
C4001	CC	0.1UF 10V B	1	CS0UB0N15K
C4002	CC	0.1UF 10V B	1	CS0UB0N15K
C4003	CC	0.1UF 10V B	1	CS0UB0N15K
C4004	CC	0.01UF 16V B	1	CS0UB0214K
C4005	CC	0.01UF 16V B	1	CS0UB0214K
C4006	CC	0.1UF 10V B	1	CS0UB0N15K
C4007	CC	0.1UF 10V B	1	CS0UB0N15K
C4008	CC	0.01UF 16V B	1	CS0UB0214K
C4009	CC	0.1UF 10V B	1	CS0UB0N15K

C4010	CE RV5-6V221MF55U-R4	220 UF 6.3V	1	E964M0221D
C4016	CC	1UF 6.3V B	1	CS0UB0P16K
C4017	CC	10UF 10V B	1	CS0RB0N17K
C4018	CC	0.1UF 10V B	1	CS0UB0N15K
C4019	CE RV5-6V221MF55U-R4	220 UF 6.3V	1	E964M0221D
C4020	CC	4.7UF 6.3V B	1	CS0RB0PQ6K
C4021	CC	10UF 16V B	1	CS0RB0217K
C4022	CC	0.0068UF25V B	1	CS0UB03U3K
C4023	CE RV3-6V101ME55U-R4	100 UF 6.3V	1	E66UM0101D
C4024	CC	1UF 6.3V B	1	CS0UB0P16K
C4025	CC	0.1UF 10V B	1	CS0UB0N15K
C4026	CC	0.1UF 10V B	1	CS0UB0N15K
C4028	CC	100PF 50V CH	1	CS0UCH412J
C4030	CC	0.1UF 10V B	1	CS0UB0N15K
C4031	CC	0.1UF 10V B	1	CS0UB0N15K
C4032	CC	0.1UF 10V B	1	CS0UB0N15K
C4033	CC	0.1UF 10V B	1	CS0UB0N15K
C4034	CC	0.1UF 10V B	1	CS0UB0N15K
C4035	CC	0.01UF 50V B	1	CS0UB0414K
C4036	CC	100PF 50V CH	1	CS0UCH412J
C4037	CC	100PF 50V CH	1	CS0UCH412J
C4038	CE RV-6V102MH10U-R4	1000 UF 6.3V	1	E76EM0102D
C4039	CC	10UF 10V B	1	CS0RB0N17K
C4040	CC	10UF 10V B	1	CS0RB0N17K
C4041	CC	0.1UF 10V B	1	CS0UB0N15K
C4042	CC	0.1UF 10V B	1	CS0UB0N15K
C4043	CC	270PF 50V CH	1	CS0UCH4K2J
C4044	CC	270PF 50V CH	1	CS0UCH4K2J
C4045	CC	0.1UF 10V B	1	CS0UB0N15K
C4046	CC	0.1UF 10V B	1	CS0UB0N15K
C4047	CC	0.015UF 25V B	1	CS0UB03E4K
C4048	CC	4.7UF 6.3V B	1	CS0RB0PQ6K
C4049	CC	0.1UF 10V B	1	CS0UB0N15K
C4050	CC	0.1UF 10V B	1	CS0UB0N15K
C4051	CC	27PF 50V CH	1	CS0UCH4K1J
C4052	CC	33PF 50V CH	1	CS0UCH4L1J
C4057	CC	1UF 10V B	1	CS0UB0N16K
C4058	CC	0.1UF 10V B	1	CS0UB0N15K

C4059	CC	0.1UF 10V B	1	CS0UB0N15K
C4060	CC	10UF 10V B	1	CS0RB0N17K
C4061	CC	10UF 10V B	1	CS0RB0N17K
C5101	CC	3PF 50V CH	1	CS0UCH430C
C5102	CC	0.1UF 16V B	1	CS0UB0215K
C5103	CC	0.1UF 16V B	1	CS0UB0215K
C5108	CC	10UF 6.3V B	1	CS0PB0P17M
C5109	CC	10UF 6.3V B	1	CS0PB0P17M
C5110	CC	47PF 50V CH	1	CS0UCH4Q1J
C5111	CC	47PF 50V CH	1	CS0UCH4Q1J
C5112	CE	100UF 6.3V	1	E70QU0101M
C5113	CC	4.7UF 6.3V B	1	CS0PB0PQ6K
C5114	CC	0.22UF 10V B	1	CS0UB0NH5K
C5115	CC	4.7UF 6.3V B	1	CS0PB0PQ6K
C5116	CC	0.1UF 10V B	1	CS0UB0N15K
C5117	CE	100UF 6.3V	1	E70QU0101M
C6001	CC	100PF 50V CH	1	CS0UCH412J
C6002	CC	39PF 50V CH	1	CS0UCH4N1J
C6003	CC	0.1UF 10V B	1	CS0UB0N15K
C6004	CC	10UF 10V B	1	CS0RB0N17K
C6005	CC	10UF 50V B	1	CS0SB0417M
C6006	CE	10UF 50V	1	E70QU5100M
C6007	CE	10UF 50V	1	E70QU5100M
C6009	CE	47UF 6.3V	1	E70QU0470M
C6010	CC	0.1UF 10V B	1	CS0UB0N15K
C6011	CC	33PF 50V CH	1	CS0UCH4L1J
C6012	CC	1UF 10V B	1	CS0PB0N16K
C6601	CC	0.1UF 10V B	1	CS0UB0N15K
C6602	CC	0.1UF 10V B	1	CS0UB0N15K
C6603	CC	0.1UF 10V B	1	CS0UB0N15K
C6604	CC	0.1UF 10V B	1	CS0UB0N15K
C6605	CC	27PF 50V CH	1	CS0UCH4K1J
C6606	CC	27PF 50V CH	1	CS0UCH4K1J
C6607	CC	10UF 10V B	1	CS0RB0N17K
C6608	CC	0.1UF 10V B	1	CS0UB0N15K
C6609	CC	0.1UF 10V B	1	CS0UB0N15K
C6622	CC	0.1UF 10V B	1	CS0UB0N15K
C6637	CC	0.1UF 10V B	1	CS0UB0N15K

C6671	CC	10UF 10V B	1	CS0RB0N17K
C6672	CC	10UF 10V B	1	CS0RB0N17K
C6675	CC	10UF 25V B	1	CS0SB0317K
C6676	CC	10UF 25V B	1	CS0SB0317K
C6677	CC	0.1UF 10V B	1	CS0UB0N15K
C6678	CC	0.1UF 25V B	1	CS0UB0315K
C6679	CC	0.1UF 25V B	1	CS0PB0315K
C6680	CC	0.001UF 50V B	1	CS0UB0413K
C6681	CC	10UF 10V B	1	CS0RB0N17K
C6682	CC	10UF 10V B	1	CS0RB0N17K
C6683	CC	0.1UF 16V B	1	CS0UB0215K
C6684	CC	10UF 10V B	1	CS0RB0N17K
C6685	CC	0.1UF 10V B	1	CS0UB0N15K
C6686	CC	10UF 10V B	1	CS0RB0N17K
C6687	CC	10UF 10V B	1	CS0RB0N17K
C6690	CC	0.1UF 10V B	1	CS0UB0N15K
C6691	CC	0.01UF 25V B	1	CS0UB0314K
C7026	CC	10UF 10V B	1	CS0RB0N17K
C7027	CC	10UF 10V B	1	CS0RB0N17K
C7032	CC	2.2UF 10V B	1	CS0PB0NH6K
C7033	CC	0.1UF 10V B	1	CS0UB0N15K
C7034	CC	0.1UF 10V B	1	CS0UB0N15K
C7041	CC	68PF 50V CH	1	CS0UCH4U1J
C7042	CC	330PF 50V CH	1	CS0UCH4L2J
C7043	CC	10UF 16V B	1	CS0RB0217K
C7044	CC	68PF 50V CH	1	CS0UCH4U1J
C7045	CC	330PF 50V CH	1	CS0UCH4L2J
C7046	CC	0.1UF 10V B	1	CS0UB0N15K
C7049	CC	10UF 16V B	1	CS0RB0217K
C7050	CC	10UF 16V B	1	CS0RB0217K
C7053	CC	470PF 50V CH	1	CS0UCH4Q2J
C7054	CC	470PF 50V CH	1	CS0UCH4Q2J
C7055	CC	0.001UF 50V B	1	CS0UB0413K
C7056	CC	0.001UF 50V B	1	CS0UB0413K
C7057	CC	0.1UF 10V B	1	CS0UB0N15K
C7058	CC	10UF 10V B	1	CS0RB0N17K
C7059	CC	10UF 10V B	1	CS0RB0N17K
C7066	CC	0.1UF 10V B	1	CS0UB0N15K

C7067	CC	0.01UF 16V B	1	CS0UB0214K
C7068	CC	0.01UF 16V B	1	CS0UB0214K
C7069	CC 0.1	0.1UF 10V B	1	CS0UB0N15K
C7070	CC 5	5PF 50V CH	1	CS0UCH450C
C7071	CC 5	5PF 50V CH	1	CS0UCH450C
C7073	CE RV3-6V101ME55U-R4	100 UF 6.3V	1	E66UM0101D
C8051	CC 0.022	0.022UF 25V B	1	CS0UB03H4K
C8052	CC 0.022	0.022UF 25V B	1	CS0UB03H4K
*** SEMICONDUCTORS ***				
D501	DIODE,ZENER	MTZJ12B T-77	1	D97U01201B
D502	DIODE VARISTA	S14K385E2S5M4	1	D7KZ385E20
D504	DIODE SILICON	1N4006-A5	1	D4CTN40060
D505	DIODE SILICON	1F5	1	D4JX001F50
D506	DIODE,ZENER	MTZJ33B T-77	1	D97U03301B
D507	DIODE,BRIDGE	D3SB80-7101	1	D2ZZ3SB800
D508	DIODE ZENER	MTZJ22B T-77	1	D97U02201B
D509	DIODE,ZENER	MTZJ33B T-77	1	D97U03301B
D510	DIODE,ZENER	MTZJ33B T-77	1	D97U03301B
D511	DIODE SILICON	1F5	1	D4JX001F50
D512	DIODE SILICON	SARS02-LFB2	1	D2BFARS020
D513	DIODE SILICON	FCF10A20	1	D28A10A200
D514	DIODE SILICON	FCF10A20	1	D28A10A200
D515	DIODE SCHOTTKY BARRIER	KDR357-RTK/P	1	DDARDR3570
D516	DIODE SCHOTTKY	EC11FS4-TE12L	1	D28R11FS40
D517	DIODE,ZENER	MTZJ33B T-77	1	D97U03301B
D519	DIODE ZENER	UDZSNP30B TE-17	1	DE7RB3002B
D520	DIODE SCHOTTKY BARRIER	KDR357-RTK/P	1	DDARDR3570
D521	DIODE,ZENER	MTZJ27B T-77	1	D97U02701B
D1707	DIODE SCHOTTKY BARRIER	KDR730E-RTK/P	1	DDARR730E0
D1708	DIODE SCHOTTKY BARRIER	KDR730E-RTK/P	1	DDARR730E0
D1709	DIODE SCHOTTKY BARRIER	KDR730E-RTK/P	1	DDARR730E0
D1710	DIODE SCHOTTKY BARRIER	KDR730E-RTK/P	1	DDARR730E0
D1711	DIODE SCHOTTKY BARRIER	KDR730E-RTK/P	1	DDARR730E0
D1712	DIODE SCHOTTKY BARRIER	KDR730E-RTK/P	1	DDARR730E0
D1713	DIODE SCHOTTKY	RB056L-40TE25	1	D27RB056L0
D1717	DIODE SCHOTTKY	SMAB34	1	D2ARMAB340

D1718	DIODE SCHOTTKY	SMAB34	1	D2ARMAB340
D1722	DIODE ZENER	UDZSNP5.1B TE-17	1	DE7RB5R12B
D1723	DIODE SILICON	LMBD3004SLT1G	1	DG NR030040
D1724	DIODE SILICON	LMBD3004SLT1G	1	DG NR030040
D1725	DIODE SCHOTTKY	SMAB34	1	D2ARMAB340
D1726	DIODE SCHOTTKY	SMAB34	1	D2ARMAB340
D2001	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2002	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2003	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2004	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2005	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2006	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2007	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2008	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2301	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D2302	DIODE SILICON	DA2J10100L	1	DD1R0100L0
D3001	DIODE SCHOTTKY BARRIER	BAT54WS	1	DGJRT54WS0
D3010	DIODE SCHOTTKY BARRIER BAT54WS	BAT54WS	1	DGJRT54WS0
D3011	DIODE SCHOTTKY BARRIER BAT54WS	BAT54WS	1	DGJRT54WS0
D3012	DIODE SCHOTTKY BARRIER BAT54WS	BAT54WS	1	DGJRT54WS0
D6601	DIODE VARISTA AVRL161A1R1NT	AVRL161A1R1NT	1	D77R1A1R10
D6602	DIODE VARISTA AVRL161A1R1NT	AVRL161A1R1NT	1	D77R1A1R10
D6603	DIODE VARISTA AVRL161A1R1NT	AVRL161A1R1NT	1	D77R1A1R10
D6604	DIODE VARISTA AVRL161A1R1NT	AVRL161A1R1NT	1	D77R1A1R10
D6673	DIODE SCHOTTKY RB056L-40TE25	RB056L-40TE25	1	D27RB056L0
D7001	DIODE VARISTA EZJZ0V80010	EZJZ0V80010	1	D61R0V8001
D7002	DIODE VARISTA EZJZ0V80010	EZJZ0V80010	1	D61R0V8001
IC501	POWER IC CONTROL	FA5640N-D1-TE1	1	ICAJ056400
IC502	VARIABLE SHUNT REGULATOR TAPE	KIA431A-AT	1	I1KJ9A431A
IC503	PHOTO COUPLER PS2561AL1-1-V(W)	PS2561AL1-1-V(W)	1	000220002W
IC1701	3A STEP DOWN DC/DC CONVERTER	NR885K-TL	1	I0BF008850
IC1703	3A STEP DOWN DC/DC CONVERTER	NR885K-TL	1	I0BF008850
IC1704	3A STEP DOWN DC/DC CONVERTER	NR885K-TL	1	I0BF008850
IC1705	3A STEP DOWN DC/DC CONVERTER	NR885K-TL	1	I0BF008850
IC1706	VIN=2.4V-5.5V POWER SWITCH	AAT4614IGU-2-T1	1	I1EF046140
IC1709	REGULATOR 3.3V	RP131K331D-TR	1	I1ZF9K3310
IC1710	REGULATOR VO=1.25V 1A 0.88W	RP131K121D5-TR	1	I1ZF91K120

IC1711	REGULATOR 5.0V	RP131K501D-TR	1	I1ZF9K5010
IC1712	REGULATOR 3.3V	RP131K331D-TR	1	I1ZF9K3310
IC1713	REGULATOR 1.8V	RP131K181D-TR	1	I1ZF9K1810
IC1714	REGULATOR 5.0V	RP131K501D-TR	1	I1ZF9K5010
IC1715	3A STEP DOWN DC/DC CONVERTER	LV5990ML-TLM-H	1	I53F059900
IC2001	SPR-1 FM AMP+DSP	YSS951-SZE2	1	I5FK009510
IC2002	DIGITAL POWER AMP 20W C.VER	YDA163C-SZE2	1	I0YQP163C0
IC2004	DUAL OPEAMP	NJM4565M(TE1)	1	I0QF045650
IC2005	DUAL OPEAMP	NJM4565M(TE1)	1	I0QF045650
IC2301	5CH MOTOR DRIVER IC	SA5888TR	1	I1UFV5888S
IC3001	MEMORY DATA 192K/12K SINGLE CHIP MICON	M3030SFEPGP	1	S11511AM01
IC3002	RESET IC 2.9V DILAY TYPE	R3112N291A-TR-FA	1	IE1F0291A0
IC3003	EEPROM 4K 12C	S-24CS04AFJ-TB-GE	1	I5HJ0S04A0
IC3003	EEPROM 4K 12C	S-24CS04AFJ-TB-GE	1	S11511AE02
IC3005	20PIN APPLE AUTHENTICATION IC	341S2164-TBB	1	ILGN0S2160
IC4001	DVD MPEG 128PIN MEDIATEK	MT1389QE/J-L	1	IC8K0389JQ
IC4002	SDRAM(64M)EM638165TS-6G(70NM)	EM638165TS-6G(70NM)	1	IG2J08165G
IC4003	MEMORY DATA 16MBIT FLASH 100MHZ	EN25Q16-100HIP	1	S11505AF01
IC5101	REGULATOR 1.2V	RP131K121D-TR	1	I1ZF9K1210
IC6001	FIP DRIVER IC 64PIN-QFP	ML9208-11GAZ03A-7	1	I59K092080
IC6601	IPOD/USB CONTROL W/RAM B.VER	BU94604BKV-E2	1	I07Q09460B
IC6651	3A STEP DOWN DC/DC CONVERTER	NR885K-TL	1	I0BF008850
IC6653	500MA HIGH SIDE SW	MP6205DD-LF-Z	1	I1JN062050
IC7002	A/D CONVERTER	AK5358A	1	IC1J053580
IC7004	DUAL OPEAMP	NJM4565M(TE1)	1	I0QF045650
IC7006	AUDIO DAC 2CH 24BIT 192KHZ	PCM1742KE/2K	1	I17F042KE0
IC7007	20PIN LOW VOLTAGE BUS BUFFER	TC74LCX244FT(EL,K)	1	I55J0X2440
IC7008	TRIPLE C-MOS INVERTER	TC7WU04FU(TE12L,F)	1	I55J0WU040
IC7009	TRIPLE C-MOS INVERTER	TC7WU04FU(TE12L,F)	1	I55J0WU040
Q501	FET FMV09N90E	FMV09N90E	1	TK1009N900
Q502	TRANSISTOR SILICON KTA1504S_Y_RTK	KTA1504S_Y_RTK	1	TAAA1504SY
Q503	TRANSISTOR SILICON KTA1504S_Y_RTK	KTA1504S_Y_RTK	1	TAAA1504SY
Q701	FET 2SK3541_T2L	2SK3541_T2L	1	T27T035410
Q702	FET 2SK3541_T2L	2SK3541_T2L	1	T27T035410
Q1707	TRANSISTOR SILICON KTA1544T-RTK/P	KTA1544T-RTK/P	1	TAAA1544T0
Q1708	COMPOUND TRANSISTOR KRC101S-RTK	KRC101S-RTK	1	TNAAA05001
Q1709	TRANSISTOR SILICON KTC3875S_Y_RTK	KTC3875S_Y_RTK	1	TCAA3875SY

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Q1716	FET SI3443CDV-T1-GE3	SI3443CDV-T1-GE3	1	TK9A3443C0
Q1717	COMPOUND TRANSISTOR KRC101S-RTK	KRC101S-RTK	1	TNAAA05001
Q1718	COMPOUND TRANSISTOR KRC101S-RTK	KRC101S-RTK	1	TNAAA05001
Q1720	COMPOUND TRANSISTOR KRC101S-RTK	KRC101S-RTK	1	TNAAA05001
Q1721	FET SI3443CDV-T1-GE3	SI3443CDV-T1-GE3	1	TK9A3443C0
Q1722	FET KMA2D4P20SA-RTK/P	KMA2D4P20SA-RTK/P	1	TJAMD4P200
Q1723	TRANSISTOR SILICON 2SC5734_TL	2SC5734_TL	1	T87M5734T0
Q1724	TRANSISTOR SILICON 2SC5734_TL	2SC5734_TL	1	T87M5734T0
Q1727	COMPOUND TRANSISTOR	KRC102SRTK	1	TNAAB05003
Q1730	FET SI3443CDV-T1-GE3	SI3443CDV-T1-GE3	1	TK9A3443C0
Q2001	COMPOUND TRANSISTOR KRC407-RTK/P	KRC407-RTK/P	1	TNAAF05001
Q2002	COMPOUND TRANSISTOR KRC407-RTK/P	KRC407-RTK/P	1	TNAAF05001
Q2003	TRANSISTOR SILICON KTA1504S_Y_RTK	KTA1504S_Y_RTK	1	TAAA1504SY
Q2004	TRANSISTOR SILICON 2SD1306NETL-E-Q	2SD1306NETL-E-Q	1	TQAAD1306E
Q2009	TRANSISTOR SILICON KTC2875-B-RTK/P	KTC2875-B-RTK/P	1	TCAA02875B
Q2010	TRANSISTOR SILICON KTC2875-B-RTK/P	KTC2875-B-RTK/P	1	TCAA02875B
Q2011	TRANSISTOR SILICON KTA1504S_Y_RTK	KTA1504S_Y_RTK	1	TAAA1504SY
Q2012	TRANSISTOR SILICON KTA1504S_Y_RTK	KTA1504S_Y_RTK	1	TAAA1504SY
Q2013	COMPOUND TRANSISTOR KRC101S-RTK	KRC101S-RTK	1	TNAAA05001
Q2015	TRANSISTOR SILICON KTA1504S_Y_RTK	KTA1504S_Y_RTK	1	TAAA1504SY
Q2016	TRANSISTOR SILICON KTC3875S_Y_RTK	KTC3875S_Y_RTK	1	TCAA3875SY
Q2017	TRANSISTOR SILICON KTC3875S_Y_RTK	KTC3875S_Y_RTK	1	TCAA3875SY
Q2018	COMPOUND TRANSISTOR	KRC103SRTK	1	TNAAC05002
Q2301	COMPOUND TRANSISTOR HN1A01FU-GR(L,F,T)	HN1A01FU-GR(L,F,T)	1	TS5M000079
Q2302	COMPOUND TRANSISTOR HN1A01FU-GR(L,F,T)	HN1A01FU-GR(L,F,T)	1	TS5M000079
Q6671	TRANSISTOR SILICON KTC3875S_Y_RTK	KTC3875S_Y_RTK	1	TCAA3875SY
Q6681	COMPOUND TRANSISTOR	KRC102SRTK	1	TNAAB05003
*** COILS & TRANSFORMERS ***				
L501	COIL,LINE FILTER	JLB28121	1	029B000186
L502	COIL PF13-100-OS	10 UH	1	021D0N100M
L503	COIL TSL0808RA-100K2R6-1	10 UH	1	02167E100K
L1701	COIL LQH88PN100M38K	10 UH	1	021AMG100M
L1703	COIL LQH88PN100M38K	10 UH	1	021AMG100M
L1704	COIL LQH88PN100M38K	10 UH	1	021AMG100M
L1705	COIL LQH88PN100M38K	10 UH	1	021AMG100M
L1706	COIL LQH88PN100M38K	10 UH	1	021AMG100M

L1708	COIL CDRH74NP-102MC	1 MH	1	0212MQ102M
L1709	COIL FLF3215T-4R7M	4.7 UH	1	0216MM4R7M
L1710	COIL FLF3215T-4R7M	4.7 UH	1	0216MM4R7M
L1711	COIL FLF3215T-4R7M	4.7 UH	1	0216MM4R7M
L1712	COIL FLF3215T-4R7M	4.7 UH	1	0216MM4R7M
L1713	COIL FLF3215T-4R7M	4.7 UH	1	0216MM4R7M
L1714	COIL FLF3215T-4R7M	4.7 UH	1	0216MM4R7M
L2001	COIL CDRH104RNP-150NC	15 UH	1	0218MG150P
L2002	COIL CDRH104RNP-150NC	15 UH	1	0218MG150P
L2003	COIL CDRH104RNP-150NC	15 UH	1	0218MG150P
L2004	COIL CDRH104RNP-150NC	15 UH	1	0218MG150P
L6603	COIL CHOKE DLP11SN900HL2L	DLP11SN900HL2L	1	02DA000124
L6605	COIL CHOKE DLP11SN900HL2L	DLP11SN900HL2L	1	02DA000124
L6671	COIL LQH88PN100M38K	10 UH	1	021AMG100M
L6672	COIL FLF3215T-4R7M	4.7 UH	1	0216MM4R7M
L8051	COIL MLF1608E120JT	12 UH	1	0216ML120J
L8052	COIL MLF1608E120JT	12 UH	1	0216ML120J
T501	TRANSFORMER,SWITCHING	81291644	1	0481291644
T1701	TRANSFORMER,SWITCHING	8103033P	1	048103033P
*** JACK & CONNECTORS ***				
J501	JACK,AC CCT2302-1372FC	CCT2302-1372FC	1	064Q2A0007
J2001	RCA JACK AV-53-05Z1	AV-53-05Z1	1	060K401160
J2002	JACK PTB-403V-01	PTB-403V-01	1	063Y100109
J6601	RCA JACK AV-53-22Z1	AV-53-22Z1	1	060K401159
J7001	RCA JACK AV2-67A03-02Z1	AV2-67A03-02Z1	1	060K431054
J8051	HEADPHONE JACK PJ-3591	PJ-3591	1	060R131039
*** SWITCHES ***				
SW601	SWITCH,TACT	EVQ21505R	1	0504101T34
SW651	SWITCH,TACT	EVQ21505R	1	0504101T34
SW652	SWITCH,TACT	EVQ21505R	1	0504101T34
SW653	SWITCH,TACT	EVQ21505R	1	0504101T34
SW654	SWITCH,TACT	EVQ21505R	1	0504101T34
SW655	SWITCH,TACT	EVQ21505R	1	0504101T34

SW656	SWITCH,TACT	EVQ21505R	1	0504101T34
SW657	SWITCH,TACT	EVQ21505R	1	0504101T34
SW658	SWITCH,TACT	EVQ21505R	1	0504101T34
***		MISCELLANEOUS ***		
B501	CORE,BEADS	BL02RN1R2N1A	1	024AT03484
B1701	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B2001	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B2002	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B4001	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B4002	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B4003	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B4004	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B6001	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B6601	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B6602	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B7001	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B7002	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
B7003	CORE,BEADS	FCM1608KF-102T02	1	024HC51023
CD502	CORD CONNECTOR	CH2E3506	1	06CH2E3506
CP601	CONNECTOR PCB SIDE	A2001WR2-2P	1	069S220639
CP651	CONNECTOR PCB SIDE	A2001WR2-3P	1	069S230639
CP701	CONNECTOR PCB SIDE	MFI514S0117	1	06GUYUT028
CP702	CONNECTOR PCB SIDE	04_6232_114_103_800+	1	069EVET070
CD1701	CORD CONNECTOR	EA2B1902	1	06EA2B1902
CD3001	CORD CONNECTOR	EA251801	1	06EA251801
CD3002	CORD CONNECTOR	EA284702	1	06EA284702
CD6601	CORD JUMPER	C40E0801	1	12C40E0801
CD6602	CORD CONNECTOR	EA242701	1	06EA242701
CD8051	CORD CONNECTOR	EA262902	1	06EA262902
CP1701	CONNECTOR PCB SIDE	A2001WV-14A	1	06GG2E0029
CP1702	CONNECTOR PCB SIDE	A2001WV-11A	1	06GG2B0029
CP2002	CONNECTOR PCB SIDE	A2001WV-6A	1	06GG260029
CP2301	CONNECTOR PCB SIDE	04_6232_122_103_800+	1	069EVMT070
CP2302	CONNECTOR PCB SIDE	04_6232_108_103_800+	1	069EV8T070
CP3003	CONNECTOR PCB SIDE	04_6232_110_103_800+	1	069EVAT070

CP3005	CONNECTOR PCB SIDE	A2001WR-8A	1	06GG280019
CP3006	CONNECTOR PCB SIDE	A2001WR-5A	1	06GG250019
CP5101	CONNECTOR PCB SIDE	ZL2543-8.5-2*15P	1	06GY6U0019
CP6002	CONNECTOR PCB SIDE	1.5T-2-WT-8A	1	06GY98T019
CP6003	CONNECTOR PCB SIDE	A2001WR-6A	1	06GG260019
CP6601	CONNECTOR PCB SIDE	A2001WV-4A	1	06GG240029
CP6602	CONNECTOR PCB SIDE	04_6232_114_103_800+	1	069EVET070
CP6651	CONNECTOR PCB SIDE	A2001WR-4A	1	06GG240019
CP6653	CONNECTOR PCB SIDE	A2001WV-5A	1	06GG250029
CP6654	CONNECTOR PCB SIDE	UA91-04011B100-R	1	06GFAA1013
EL2401	EYE LET	EYE LET XRY16X28BD	3	124116281A
EL2402	EYE LET	EYE LET XRY20X30BD	4	124120301A
F501	FUSE	SCT 2.5A	1	0805T02501
F1701	IC PROTECTOR	1206FA1A-T	1	0845501001
F1702	IC PROTECTOR	1206FA1A-T	1	0845501001
NR2301	R,NETWORK	4D03WJ04R7T5E	1	110P44R7M4
OS6002	REMOTE RECEIVER	KSM-2003TCW2P	1	077Q038009
SH501	TERMINAL PIN	YQ-36	1	126D000044
SH1701	TERMINAL PIN	TER21-0130V	1	126J000042
SH1703	TERMINAL PIN	TER21-0130V	1	126J000042
TH501	THERMISTOR	B57153S0479A001	1	DSVD8E4R7M
TU5101	TUNER	FS2027	1	0120Q20001
V6001	TUBE FLUORESCENT	DISPLAY 14-ST-56GNK	1	0967C0R201
X3001	CRYSTAL		1	100DA32R01
X3002	CRYSTAL	SMD-49	1	100DT01601
X4001	CRYSTAL	SMD-49 C27000J029	1	100GT02727
X6601	CRYSTAL	SMD-49	1	100GT01620
X7001	CRYSTAL	SMD-49	1	100DT02413

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