

Quality Uncompromised

ROTEL®

Technical Manual

SURROUND SOUND RECEIVER RSX-1056

Table of Contents

Specification.....	1	Wiring.....	15
Parts List.....	2~13	PCB Assembly.....	16~22
Upgrade.....	14	Schematic Diagram	23~38

Specifications

Audio

Continuous Amplifier Power

(five channels driven)

75 watts/ch (20-20k Hz, <0.05% THD, 8 ohms)

Continuous Amplifier Power

(two channels driven)

100 watts/ch (1kHz, <1.0% THD, 8 ohms, DIN)

Total Harmonic Distortion

<0.09%

Intermodulation Distortion (60 Hz : 7 kHz)

<0.05%

Frequency Response

10 Hz – 120 kHz, ± 3 dB (analog bypass)

10 Hz – 95 kHz, ± 3 dB (digital input)

Signal to Noise Ratio (IHF A-weighted)

95dB (analog bypass)

92dB (Dolby Digital, dts) 0dBFs

Input Sensitivity/Impedance

Line Level: 200 mV/100K ohms

Preamp Output Level/Output Impedance

1.0 V / 1K ohms

Contour (LF/HF)

± 6 dB at 50 Hz/15 kHz

Decodable Digital Input Signals

Dolby Digital, Dolby Digital EX, DTS, DTS-ES,
DTS 96/24, LPCM (up to 192K), HDCD, MP3,
MPEG Multichannel

Video

Frequency Response

3 Hz – 10 MHz, ± 3 dB (Digital Input)

3 Hz – 100 MHz, ± 3 dB (Component Video)

Signal to Noise Ratio

45dB

Input Impedance

75 ohms

Output Impedance

75 ohms

Output Level

1.0 volt

FM Tuner

Usable Sensitivity

14.2dBf

Signal to Noise Ratio (at 65dBf)

70dBf

Harmonic Distortion (at 65dBf)

0.03%

Stereo Separation (1 kHz)

45dB

Output level

1 V

Antenna Input

75 ohms unbalanced

AM Tuner

Sensitivity

500 μ V/m

Signal to Noise Ratio

40dBf

Output level

500 mV

Antenna Input

Loop Antenna

General

Power Consumption:

450 watts

78 watts (idle)

8 watts (standby)

Power Requirements (AC)

115 volts, 60Hz (USA version)

230 volts, 50Hz (CE version)

Weight

17.2 Kg/37.8 lb.

Dimensions (W x H x D)

432 x 162 x 442 mm

17.01" x 6.38" x 17.40"

Front Panel Height

(feet removed/for rack mount)

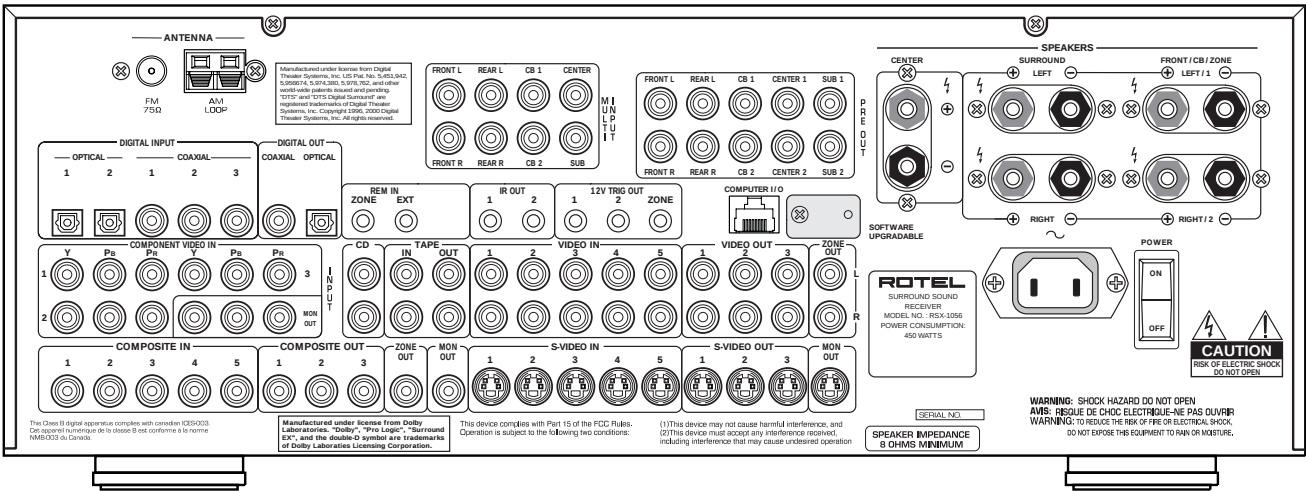
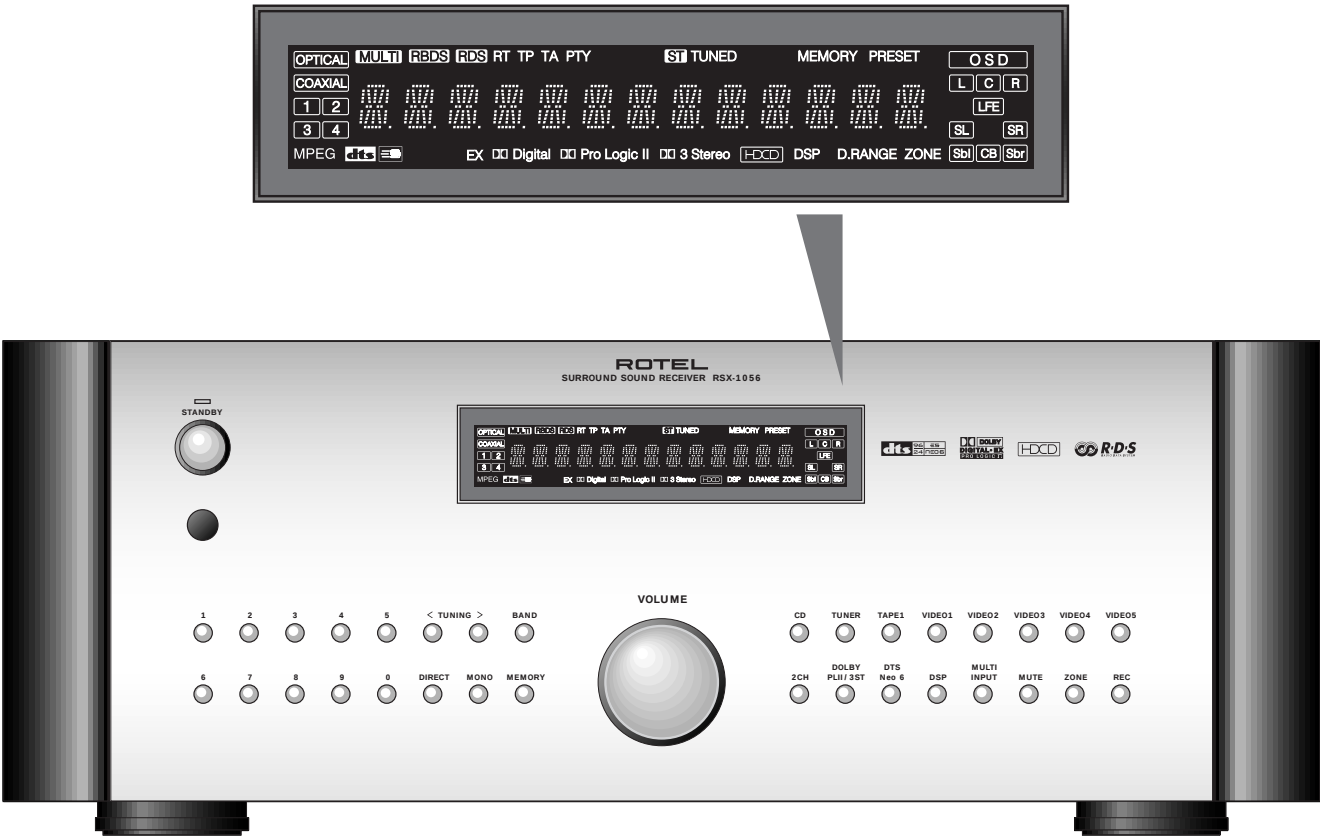
150 mm / 5.91"

THE ROTEL CO., LTD.

SHINSEN-BLD. 4F 10-10 SHINSEN-CHO, SHIBUYA-KU,
TOKYO 150-0045, JAPAN

Serial. NO.
Beginning

Y-376A-0405/pdf



SYMBOL	PARTS NO.	DESCRIPTION
	016 E-1397C00 PCB ASSY	
	501E-1397-B	PCB ASSY (INPUT)
L301	021 LAL02TB100M	MICRO INDUCTOR 10uH
L302	021 LAL02TB101M	MICRO INDUCTOR 100uH
XT301	023 HC49U-001WR	CRYSTAL 14.31818MHZ
IC230-232	031 ADG704BRM	IC SMD (4CH MPX) ADG704BRM
IC233,235	031 ADG774BR	IC SMD (MPX) ADG774BR
IC211,212	031 HEF4094BT	IC SMD (SHIFT REGISTER) HEF4094BT
IC236	031 KS5520-1	IC (SCREEN DISPLAY) KS5520-01
IC234	031 LT1397CS	IC SMD (OPEAMP) LT1397CS
IC201-207	031 NJM5532M	IC SMD (OPEAMP) NJM5532M
IC223	031 NJM7812FA	IC (REGULATOR +12VDC)
IC208-210,215	031 TC9163AF	IC SMD (SWITCH ALLEY) KIC9163AF
IC222	031 TC9459F	IC SMD (VOLUME) KIC9459F
IC213,214,216-221,224	031 TL072CD	IC SMD (OPE DUAL) TL072CD
Q201-205	032 KRA107S	TRANSISTOR CHIP KRA107S
Q206-218,224,225	032 KRC231S	TRANSISTOR CHIP KRC231S
Q221	032 KTA1271	TRANSISTOR KTA1271
D204	037 KDS226RTK	DIODE CHIP KDS226RTK
D201-203	037 KDS226RTK	DIODE CHIP KDS226RTK
C349,354-361,365,369-372,390,392	041 TUTES1A101-TF	ELECTROLYTIC CAPACITOR 10V100uF
C366-368,C374,386,389	041 TUTES1A471-TF	ELECTROLYTIC CAPACITOR 10V470uF
C229,258-281,298-309,397,398	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
C376,380	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C230-257,282-287,296,297,310-326	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C379,382	041 TUTES1HR47-TF	ELECTROLYTIC CAPACITOR 50V0.47uF
C387,388	043 TC50VCH220	CERAMIC CAPACITOR 22pF
C377,378	043 TC50VCH560	CERAMIC CAPACITOR 56pF
C383	047 ECJ2VB1H103K	CERAMIC CAPACITOR CHIP 0.01uF
C294,295	047 ECJ2VB1H153K	CERAMIC CAPACITOR CHIP 0.015uF
C290-293,351,352,399,288,289	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C375,385	047 ECJ2VF1H224Z	CERAMIC CAPACITOR CHIP 0.22uF
C201-228,327-334,347,348,384,343,344,381	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
R395-398,399,417,444	055 ERJ6GEYJ100V	RESISTOR CHIP 10
R419,418	055 ERJ6GEYJ101V	RESISTOR CHIP 100
R447,201-214,216-221,226,282-285,300,301	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R316-323,340-347,353,354,359,360,373,374	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R436,437	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R352,369,370,375,400	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
R230-243,332-339,357,358,365,366,371,372	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
R392-394,439,294,295,348-351,376,411-414	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
R446	055 ERJ6GEYJ105V	RESISTOR CHIP 1M
R443	055 ERJ6GEYJ122V	RESISTOR CHIP 1.2K
R450	055 ERJ6GEYJ181V	RESISTOR CHIP 180
R367,368,296,297	055 ERJ6GEYJ182V	RESISTOR CHIP 1.8K
R438	055 ERJ6GEYJ204V	RESISTOR CHIP 200K
R258-281,302-315,361,362,457,458	055 ERJ6GEYJ221V	RESISTOR CHIP 220
R441	055 ERJ6GEYJ222V	RESISTOR CHIP 2.2K
R442	055 ERJ6GEYJ223V	RESISTOR CHIP 22K
R405-410,415,416	055 ERJ6GEYJ271V	RESISTOR CHIP 270
R435	055 ERJ6GEYJ2R2V	RESISTOR CHIP 2.2
R286-289,324-331,355,356,451,452	055 ERJ6GEYJ334V	RESISTOR CHIP 330K
R445	055 ERJ6GEYJ392V	RESISTOR CHIP 3.9K
R222-225,455,456	055 ERJ6GEYJ393V	RESISTOR CHIP 39K
R401-404,448,449	055 ERJ6GEYJ470V	RESISTOR CHIP 47
R244-257,290-293,453,454	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
R440	055 ERJ6GEYJ512V	RESISTOR CHIP 5.1K
R380-391	055 ERJ6GEYJ750V	RESISTOR CHIP 75
R298,299	055 ERJ6GEYJ821V	RESISTOR CHIP 820
RLY201	063 A12W-K	RELAY A12W-K
JAK201-204	066 C-4792A01	6P PIN JACK (W/R)
JK206,207	066 C-4833A01	6P PIN JACK (G/BLU/R)
CP201	068 B13B-PH-KS	CONNECTOR WAFER 13P
CNT100	068 C-4867A01	FPC CONNECTOR 17P(TOP TI)

SYMBOL	PARTS NO.	DESCRIPTION
	016 E-1398E00 PCB ASSY	
	501E-1398-B	PCB ASSY (VIDEO)
L301,303	021 LAL02TB100M	MICRO INDUCTOR 10uH
L302,304	021 LAL02TB101M	MICRO INDUCTOR 100uH
XT303	023 CSB500F23	RESONATOR CSB500 F23
XT301,302	023 HC49U-001WR	CRYSTAL 14.31818MHZ
XT304	023 HC49US-010	CRYSTAL HC49US3.579545MHZ
XT305	023 HC49US-011	CRYSTAL HC49US4.433619MHZ
IC303,309	031 KS5520-1	IC (SCREEN DISPLAY) KS5520-01
IC312	031 UPC1830GT	IC SMD (VIDEO CONVERTER) UPC1830GT
IC301,302,307,308	031 TC9163AF	IC SMD (SWITCH ALLEY) KIC9163AF
IC304-306,310,311,313	031 TSH94ID	IC SMD (VIDEO AMP) TSH94ID
Q305	032 KRA107S	TRANSISTOR CHIP KRA107S
Q301,302,304	032 KRC107S	TRANSISTOR CHIP KRC107S
Q303	032 KRC231S	TRANSISTOR CHIP KRC231S
Q306	032 KTA1271	TRANSISTOR KTA1271
D302,303	037 KDS184RTK	DIODE CHIP KDS184RTK
D301	037 KDS226RTK	DIODE CHIP KDS223RTK
C326-331,341-344,371,374,375,390-393	041 TUTES1A101-TF	ELECTROLYTIC CAPACITOR 10V100uF
C311,320,325,346,355,360	041 TUTES1A471-TF	ELECTROLYTIC CAPACITOR 10V470uF
C314,316,349,351,387	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C380	041 TUTES1H0R1-TF	ELECTROLYTIC CAPACITOR 50V0.1uF
C305-309,337-340,389	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C370,388	041 TUTES1H2R2-TF	ELECTROLYTIC CAPACITOR 50V2.2uF
C382	041 TUTES1H4R7-TF	ELECTROLYTIC CAPACITOR 50V4.7uF
C315,318,350,353	041 TUTES1HR47-TF	ELECTROLYTIC CAPACITOR 50V0.47uF
C323,324,358,359	043 TC50VCH220	CERAMIC CAPACITOR 22pF
C312,313,347,348	043 TC50VCH560	CERAMIC CAPACITOR 56pF
C377,384	044 TBF014D0224J	M.P CAPACITOR 63V0.22uF
C383	044 TBF074D0105J	M.P CAPACITOR 63V1uF
C378,379	047 CL21C150JBNC	CERAMIC CAPACITOR CHIP 15pF
C319,354,381	047 ECJ2VB1H103K	CERAMIC CAPACITOR CHIP 0.01uF
C369	047 ECJ2VB1H472K	CERAMIC CAPACITOR CHIP 4700pF
C301-304,334-336	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C372,373,376,385,386	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C310,321,332,345,356,361	047 ECJ2VF1H224Z	CERAMIC CAPACITOR CHIP 0.22uF
C317,322,352,357	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
C365	047 ECJ2VG1H102J	CERAMIC CAPACITOR CHIP 1000pF
C366	047 ECJ2VG1H221J	CERAMIC CAPACITOR CHIP 220pF
C367	047 ECJ2VG1H271J	CERAMIC CAPACITOR CHIP 270pF
C368	047 ECJ2VG1H391J	CERAMIC CAPACITOR CHIP 390pF
RV401,402	051 EVM3Y-B24	SEMI-FIXED RESISTOR 20KB
R334,368-373,411-414,421,427,459,466,467	055 ERJ6GEYJ100V	RESISTOR CHIP 10
R340-348,393-398,430-432	055 ERJ6GEYJ101V	RESISTOR CHIP 100
R322,323,326-329,349-364,367,389-392	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R399-408,415,416,428,434,439,440,458	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R338,425,463	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R441,442,460,461	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
R330,417,438	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
R339,426	055 ERJ6GEYJ105V	RESISTOR CHIP 1M
R337,424	055 ERJ6GEYJ122V	RESISTOR CHIP 1.2K
R462	055 ERJ6GEYJ152V	RESISTOR CHIP 1.5K
R451	055 ERJ6GEYJ153V	RESISTOR CHIP 15K
R453	055 ERJ6GEYJ184V	RESISTOR CHIP 180K
R331,418	055 ERJ6GEYJ204V	RESISTOR CHIP 200K
R456,457	055 ERJ6GEYJ220V	RESISTOR CHIP 22
R320,321,324,325,385-388,455	055 ERJ6GEYJ221V	RESISTOR CHIP 220
R443,333,420	055 ERJ6GEYJ222V	RESISTOR CHIP 2.2K
R335,422	055 ERJ6GEYJ223V	RESISTOR CHIP 22K
R448	055 ERJ6GEYJ242V	RESISTOR CHIP 2.4K
R445	055 ERJ6GEYJ272V	RESISTOR CHIP 2.7K
R429,437	055 ERJ6GEYJ2R2V	RESISTOR CHIP 2.2
R444	055 ERJ6GEYJ331V	RESISTOR CHIP 330
R336,365,366,409,410,423	055 ERJ6GEYJ392V	RESISTOR CHIP 3.9K

SYMBOL	PARTS NO.	DESCRIPTION
R446	055 ERJ6GEYJ432V	RESISTOR CHIP 4.3K
R454	055 ERJ6GEYJ433V	RESISTOR CHIP 43K
R449	055 ERJ6GEYJ471V	RESISTOR CHIP 470
R332,419	055 ERJ6GEYJ512V	RESISTOR CHIP 5.1K
R452	055 ERJ6GEYJ684V	RESISTOR CHIP 680K
R301-319,375-384,433,435,436,464,465	055 ERJ6GEYJ750V	RESISTOR CHIP 75
R450	055 ERJ6GEYJ821V	RESISTOR CHIP 820
R447	055 ERJ6GEYJ914V	RESISTOR CHIP 910K
SW305,306	066 4TR-2964#10	3P PIN JACK (YEL)
SW301-303	066 C-4604A02	3P MINI DIN JACK YKF51-5520
SW304	066 C-4860A01	4P PIN JACK (YEL)
016 E-1399C00 PCB ASSY		
	501E-1399-B	PCB ASSY (DIGITAL)
XT402	023 CXO-002	CRYSTAL 12.288MHZ
XT401	023 HC49U-009	CRYSTAL HC49U24.576MHZ
IC438	031 39VF040	IC (MPR) SST39VF040-70-4C-NH
IC440	031 74HC00	IC (QUAD NAND GATE) 74HC00
IC436,446	031 74HC125	IC (QUAD BUFFER) 74HCT125D
IC441,442	031 74HC157	IC (QUAD MPX) 74VHC157
IC445	031 74HC244	IC (OCTAL BUFFER) 74VHC244
IC431	031 AK4114VQ	IC SMD (DIR) AK4114VQ
IC447-450	031 AK4395VF	IC SMD (D/A CONVERTER) AK4395VF
IC432	031 AK5383VS	IC SMD (A/D CONVERTER) AK5383VS
IC403	031 AM29F004BT-X56	IC PLCC (FLASH MEMORY) AM29F004BT70JI
IC443	031 AME1117BCBT	IC (REGULATOR 2.5V)
IC444	031 AME1117CCGT	IC SMD (REGULATOR 3.3V)
IC404	031 AT24C16PI-2.7	IC (EEPROM) AT24C16PL
IC437	031 CS49400	IC SMD (DSP) CS49400-3
IC405	031 HIN232CB	IC SMD (RS232) HIN232CB
IC402	031 IS62C256	IC SMD (SRAM) IS62C256
IC439	031 K4S161622D	IC SMD (MEMORY) K4S161622D
IC406,407	031 LTV817	IC SMD (PHOTO COUPLER)
IC433-435,451-454	031 TL072CD	IC SMD (OPE DUAL) TL072CD
IC401	031 TMP95C063F	IC SMD (CPU) TMP95C063F
Q401,QCW451,QFL/R451	032 KRC107S	TRANSISTOR CHIP KRC107S
Q402-404	032 KRC231S	TRANSISTOR CHIP KRC231S
D401-407	037 KDS184RTK	DIODE CHIP KDS184RTK
C430	041 SCDA5R5104V	BACKUP CAPACITOR 5.5V 0.1F
C480,481,484,487,C406	041 TUTES1A101-TF	ELECTROLYTIC CAPACITOR 10V100uF
C454-462,512-519,CAL/R401-404	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CCB455,CCW455,CF455,CS455	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
C418-421	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C414,417,438,439,441-443,453,482,483	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C485,486,CBL/R454,CCB454,456,CCT454	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CCW454,456,CF454,456,CFL/R454	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CS454,456,CSL/R454,CSW454	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C503	041 TUTES1H2R2-TF	ELECTROLYTIC CAPACITOR 50V2.2uF
C416	041 TUTES1H3R3-TF	ELECTROLYTIC CAPACITOR 50V3.3uF
C415	041 TUTES1HR22-TF	ELECTROLYTIC CAPACITOR 50V0.22uF
C440	041 TUTES1HR47-TF	ELECTROLYTIC CAPACITOR 50V0.47uF
CAL/R408,CSW452,453	047 ECJ2VB1H103K	CERAMIC CAPACITOR CHIP 0.01uF
CCT455,CFL/R455	047 ECJ2VB1H223K	CERAMIC CAPACITOR CHIP 0.022uF
C501	047 ECJ2VC1H122J	CERAMIC CAPACITOR CHIP 1200pF
C409-411,422-428,436,437,447,450,451	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C467-479,488-490,493-496,498,500	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C504-509,520-523,CCB451-453	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CCW451-453,CF451-453,CS451-453	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C401-405,407,408,429,431-435,444-446,448	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C452,463-465,491,499,510,511	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CAL/R405	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
C449,C5383	047 ECJ2VF1H224Z	CERAMIC CAPACITOR CHIP 0.22uF
CBL/R452,453,CCT452,453,CFL/R452,453	047 ECJ2VG1H121J	CERAMIC CAPACITOR CHIP 120pF
CSL/R452,453	047 ECJ2VG1H121J	CERAMIC CAPACITOR CHIP 120pF
C412,413	047 ECJ2VG1H270J	CERAMIC CAPACITOR CHIP 27pF

SYMBOL	PARTS NO.	DESCRIPTION
CBL/R451,CCT451,CFL/R451,CSL/R451,CSW451	047 ECJ2VG1H331J	CERAMIC CAPACITOR CHIP 330pF
CAL/R406,407	047 ECJ2VG1H471J	CERAMIC CAPACITOR CHIP 470pF
C502	047 ECJ2VG1H680J	CERAMIC CAPACITOR CHIP 68pF
RM410-420	055 CN43-101	RESISTOR CHIP NETWORK 100
RM403-409	055 CN43-103	RESISTOR CHIP NETWORK 10K
RM401,402	055 CN43-332	RESISTOR CHIP NETWORK 3.3K
R407,408,426,444,445	055 ERJ6GEYJ100V	RESISTOR CHIP 10
R405,406,409-411,458,4395	055 ERJ6GEYJ101V	RESISTOR CHIP 100
R427,428,448,451,459-462,476-479,418	055 ERJ6GEYJ101V	RESISTOR CHIP 100
RBL/R458,RCT458,RFL/R458,RSL/R458	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
RSW458	055 ERJ6GEYJ102V	RESISTOR CHIP 1K
R415-417,430,1056,401,402,412-414,447	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RAL/R401,402,404,405	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RBL/R457,RCT457,RFL/R457,RSL/R457	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RSW457	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
R403	055 ERJ6GEYJ105V	RESISTOR CHIP 1M
R446	055 ERJ6GEYJ183V	RESISTOR CHIP 18K
R480,RAL/R408,411	055 ERJ6GEYJ220V	RESISTOR CHIP 22
R452-457,466-473,435-438	055 ERJ6GEYJ221V	RESISTOR CHIP 220
R463.	055 ERJ6GEYJ302V	RESISTOR CHIP 3K
RAL/R406,409	055 ERJ6GEYJ302V	RESISTOR CHIP 3K
R464,465	055 ERJ6GEYJ332V	RESISTOR CHIP 3.3K
R439-443	055 ERJ6GEYJ471V	RESISTOR CHIP 470
R404,420-425,419	055 ERJ6GEYJ472V	RESISTOR CHIP 4.7K
R429,449,450,474,475,4394,5383	055 ERJ6GEYJ473V	RESISTOR CHIP 47K
RAL/R403	055 ERJ6GEYJ473V	RESISTOR CHIP 47K
RBL/R451-453,455,456,RCT451-453,455,456	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RFL/R451-453,455,456,RSW451-453,455,456	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RSL/R451-453,455,456	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
R431-434	055 ERJ6GEYJ750V	RESISTOR CHIP 75
RAL/R407,410	055 ERJ6GEYJ911V	RESISTOR CHIP 910
RBL/R454,RCT454,RFL/R454,RSL/R454	055 ERJ6GEYJ912V	RESISTOR CHIP 9.1K
RSW454	055 ERJ6GEYJ912V	RESISTOR CHIP 9.1K
RLY401-403	063 A12W-K	RELAY A12W-K
SW401	064 KSP02H	DIP SWITCH
JAK407-413	065 YKB21-5103A	3.5DIA MINIATURE JACK (ST)
JAK401,402	066 C-4859A01	2P PIN JACK AU (BLACK)
JAK406	066 SY010-8P/K	JACK RJ45 SY010-8P/K
JAK404,405	066 TORX179L	JACK OPTICAL RECEIVER
JAK403	066 TOTX179L	JACK OPTICAL TRANSMITTER
CP405,408	068 B10B-PH-KS	CONNECTOR WAFER 10P
CP409	068 B12B-PH-KS	CONNECTOR WAFER 12P
CP406	068 B7B-PH-KS	CONNECTOR WAFER 7P
CP410	068 B8B-PH-KS	CONNECTOR WAFER 8P
IC403,438	068 PLCC32TS	IC SOCKET 32P
016 E-1401A00 PCB ASSY		
	501E-1401-B	PCB ASY (MULTI INPUT)
IC715-718	031 TL072CD	IC SMD (OPE DUAL) TL072CD
CMB707,708,CMC707,708,CMF707,708	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CMS707,708	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CMB703,704,CMC702,CMF703,704	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CMS703,704,CMW702	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C713,714	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CMB705,706,CMC703,CMF705,706,CMS705,706	047 ECJ2VG1H100D	CERAMIC CAPACITOR CHIP 10pF
CMB701,702,710,711,CMC701,710	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CMF701,702,710,711,CMS701,702,710,711	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CMW701,703,710	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
RMB701,702,RMC701,RMF701,702	055 ERJ6GEYJ101V	RESISTOR CHIP 100R
RMS701,702,RMW701	055 ERJ6GEYJ101V	RESISTOR CHIP 100R
RMB705,706,RMB711,712,RMC703,705	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RMF705,706,RMS705,706,711,712	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RMB703,704,RMC702,RMF703,704	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RMS703,704,RMW702	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RMW703,704	055 ERJ6GEYJ123V	RESISTOR CHIP 12K

SYMBOL	PARTS NO.	DESCRIPTION
RMB707,708,RMC707,708,RMF707,708	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RMS707,708	055 ERJ6GEYJ221V	RESISTOR CHIP 220
RMF711,712	055 ERJ6GEYJ302V	RESISTOR CHIP 3K
RMF709,710	055 ERJ6GEYJ334V	RESISTOR CHIP 330K
RMB709,710,RMC704,RMS709,710	055 ERJ6GEYJ432V	RESISTOR CHIP 4.3K
JAK702	066 C-4764A02	2P PIN JACK (B/B)
JAK701	066 C-4861A01	6P PIN JACK (W/R)
016 E-1405B00 PCB ASSY		
	501E-1405	PCB ASSY (POWER 1)
(F801)	036 5ST3.15	FUSE 250VT3.15A
(F801)	036 5ST8	FUSE 250VT8A
R801	054 MOF12-3M3	MOF RESISTOR 1/2W 3.3M
CP803	068 4428505746	CONNECTOR WAFER 5P 7.92MM
CP116,117,231,232,801,802	068 B2P3-VH	CONNECTOR WAFER 2P
AC VOLTAGE SELECTION	068 C-4765A01WR	CONNECTOR WIRE 2P 40MM
016 E-1406C00 PCB ASSY		
	501E-1406	PCB ASSY (POWER 2)
IC901-904	031 NJM7805FA	IC (REGULATOR +5VDC)
IC905	031 NJM7806FA	IC (REGULATOR +6VDC)
IC909	031 NJM7812FA	IC (REGULATOR +12VDC)
IC907	031 NJM7818FA	IC (REGULATOR +18VDC)
IC906	031 NJM7906FA	IC (REGULATOR -6VDC)
IC908	031 NJM7918FA	IC (REGULATOR -18VDC)
Q901	032 TA1450-ST	TRANSISTOR 2SA1450AA-ST
Q251,252,902,903	033 TC3708-ST	TRANSISTOR 2SC3708AA-ST
DB951	034 KBPC2504W-F	POWER DIODE 25A400V
D901,902,905,906,912-922,925-931	034 T1N4003-TB	DIODE 1N4003-E
D251,903,909	034 T1N4148-86	DIODE 1N4148TAP-50
D910	034 TRD27JST1	ZENER DIODE 27V (AB2)
D904	034 TRD4.3EST1	ZENER DIODE 4.3V (AB2)
D252	034 TRD6.8JST1	ZENER DIODE 6.8V (AB2)
D911	034 TRD9.1JST1	ZENER DIODE 9.1V (AB2)
F903,904	036 5ST2	FUSE 250VT2A
F901,902	036 5ST3.15	FUSE 250VT3.15A
C956-959	041 HC80V8200UF	ELECTROLYTIC CAPACITOR 80V8200uF
C904	041 TUTES1C102-TS	ELECTROLYTIC CAPACITOR 16V1000F
C901,910,918,919	041 TUTES1C472-TS	ELECTROLYTIC CAPACITOR 16V4700uF
C902,905,909,911,920,921,931,932,938	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C907	041 TUTES1H220-TF	ELECTROLYTIC CAPACITOR 50V22uF
C906	041 TUTES1H470-TF	ELECTROLYTIC CAPACITOR 50V47uF
C251	041 TUTES1H471-TS	ELECTROLYTIC CAPACITOR 10V470uF
C922,936	041 TUTES1V471-TS	ELECTROLYTIC CAPACITOR 35V470uF
C908	041 UTES1C103	ELECTROLYTIC CAPACITOR 16V10000uF
C929,930	041 UTES1V332-TS	ELECTROLYTIC CAPACITOR 35V3300uF
C903,951-955	043 TC500V103	CERAMIC CAPACITOR 500V0.01uF
C913-917,924-928	044 TBFO14D0103J	M.P CAPACITOR 63V0.01uF
R905,906	053 CR14-010J-A	CARBON RESISTOR 1/4W 1
R252,902,909	053 CR14-102J-A	CARBON RESISTOR 1/4W 1K
R908	053 CR14-103J-A	CARBON RESISTOR 1/4W 10K
R253	053 CR14-152J-A	CARBON RESISTOR 1/4W 1.5K
R911,917	053 CR14-220J-A	CARBON RESISTOR 1/4W 22
R910,916	053 CR14-222J-A	CARBON RESISTOR 1/4W 2.2K
R907	053 CR14-470J-A	CARBON RESISTOR 1/4W 47
R903	053 CR14-473J-A	CARBON RESISTOR 1/4W 47K
R251	053 CR14-682J-A	CARBON RESISTOR 1/4W 6.8K
R901	054 1WS10J	MOF RESISTOR 1WS 10
R904,914,915,920,921,922	054 2WS1JF	MOF RESISTOR 2WS 1
RLY901,902	063 DG2SU-24	RELAY DG24D2-OS(M)
CP403	068 B10B-PH-KS	CONNECTOR WAFER 10P
CP251	068 B2B-EH	CONNECTOR WAFER 2P
CP411-413	068 B2B-PH-KS	CONNECTOR WAFER 2P
CP204	068 B2P3-VH	CONNECTOR WAFER 2P
CP205,902	068 B3B-EH	CONNECTOR WAFER 3P

SYMBOL	PARTS NO.	DESCRIPTION
CP951	068 B3P-VH	CONNECTOR WAFER 3P
CP404,701	068 B5B-PH-KS	CONNECTOR WAFER 5P
CP301	068 B6B-PH-KS	CONNECTOR WAFER 6P
CP901	068 B7B-EH	CONNECTOR WAFER 7P
CP106	068 B7B-PH-KS	CONNECTOR WAFER 7P
CP202	068 B9B-PH-KS	CONNECTOR WAFER 9P
016 X-1407B01-03 PCB ASSY		
	501X-1407	PCB ASSY (SPEAKER)
C966-970	044 TBF014D0472J	M.P CAPACITOR 63V4700pF
C951-955	044 TBF014D0473J	M.P CAPACITOR 63V0.047uF
R951-955	054 2WS10JF	MOF RESISTOR 2WS 10
SW100	061 C-4172A13	PUSH SWITCH SPUN12XT131 (STANDBY)
JAK951,952	067 C-4794A00	4P SPEAKER TERMINAL (R/B)
JAK953	067 C-4862A01	2P SPEAKER TERMINAL (R/B)
CP101	068 B2B-PH-KS	CONNECTOR WAFER 2P
CT202,910,951	068 B2P-VH	CONNECTOR WAFER 2P
CT203,911	068 B3P-VH	CONNECTOR WAFER 3P
016 X-1408A01-03 PCB ASSY		
	501X-1408	PCB ASSY (FRONT)
X101	023 CST10.0MTW	CERAMIC RESONATOR
IC100	031 CXP82832-359Q	IC SMD (CPU) CXP82832-359Q
RMC101	031 SBX3010-52B	IC (REMOTE EYE)
Q101,102	032 TC3708-ST	TR 2SC3708AA-ST
D101-106	034 T1N4148-86	DIODE 1N4148TAP-50
FIP1	035 HNR08MM31	FL TUBE
C114	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C119	041 TUTES1H3R3-TF	ELECTROLYTIC CAPACITOR 50V3.3uF
C117	041 TUTES1H4R7-TF	ELECTROLYTIC CAPACITOR 50V4.7uF
C101-107	043 TC50V101	CERAMIC CAPACITOR 100pF
C115	043 TC50V103	CERAMIC CAPACITOR 0.01uF
C118	043 TC50V223	CERAMIC CAPACITOR 0.022uF
C100,112,113	043 TC50V473	CERAMIC CAPACITOR 0.047uF
C108-111	043 TC50V821	CERAMIC CAPACITOR 820pF
R121 for RED LED	053 CR14-181J-A	CARBON RESISTOR 1/4W 180
R121 for BLUE LED	053 CR14-471J-A	CARBON RESISTOR 1/4W 470
R101-104,124-126,142	054 TMF1001	MOF RESISTOR 1K
R109,114-119	054 TMF1002	MOF RESISTOR 10K
R121	054 TMF1800	MOF RESISTOR 180R
R122,123	054 TMF4701	MOF RESISTOR 4.7K
R105-108,110-113	054 TMF4702	MOF RESISTOR 47K
R120	054 TMF47R0	MOF RESISTOR 47R
ESW101	056 C-4678A01	ROTARY ENCODER EC16B243040F(D25) (VOLUME)
SW101-132	061 C-4679A03	TACT SWITCH 5MM GRAY SKHHAMA010
CP105	068 B2B-PH-KS	CONNECTOR WAFER 2P
CP110	068 B3B-PH-KS	CONNECTOR WAFER 3P
CP102	068 B4B-PH-KS	CONNECTOR WAFER 4P
016 E-1413A00 PCB ASSY		
	501E-1413	PCB ASSY (POWER AMPLIFIER)
D401,402,501,502	034T1N4148-86	DIODE 1N4148TAP-50
L101,201,301,401,501	021 LF167A00	SPEAKER COIL 1.0F7T
Q702	032 KRC107M	TRANSISTOR KRC107M
Q109,209,309,409,509	033 A1360-OY	TRANSISTOR 2SA1360-OY
Q112,212,312,412,512	033 A1859-Y	TRANSISTOR 2SA1859A-Y
Q110,210,310,410,510	033 C3423-OY	TRANSISTOR 2SC3423-OY
Q111,211,311,411,511	033 C4883-Y	TRANSISTOR 2SC4883A-Y
Q101-105,201-205,301-305,Q401-405,501-505,701	033 KTA1268-GRBL	TRANSISTOR KTA1268-GRBL
Q106-108,206-208,306-308,Q406-408,506-508	033 KTC3200-GRBL	TRANSISTOR KTC3200-GRBL
D101,102,201,202,301,302	034 T1N4148-86	DIODE 1N4148TAP -50
D701	034 TRD12JST1	ZENER DIODE 12V (AB2)
C106,206,306,406,506	041 TUTES1A221-TF	ELECTROLYTIC CAPACITOR 10V220uF
C107,207,307,407,507,701,702	041 TUTES1H010-TF	ELECTROLYTIC CAPACITOR 50V1uF
C111,112,211,212,311,312,C411,412,511,512	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
C108,208,308,408,508	041 TUTES1H220-TF	ELECTROLYTIC CAPACITOR 50V22uF

SYMBOL	PARTS NO.	DESCRIPTION
C703	041 TUTES1H470-TF	ELECTROLYTIC CAPACITOR 50V47uF
C105,205,305,405,505	041 TUTES1H4R7-FB	ELECTROLYTIC CAPACITOR 50V4.7uF
C109,110,209,210,309,310,C409,410,509,510	041 TUTES1J471-TS	ELECTROLYTIC CAPACITOR 63V470uF
C104,204,304,404,504	043 TC50V181	CERAMIC CAPACITOR 180pF
C102,202,302,402,502	043 TC50V271	CERAMIC CAPACITOR 270pF
C101,201,301,401,501	043 TC50V391	CERAMIC CAPACITOR 390pF
C103,203,303,403,503	043 TC50VCH5R6-A	CERAMIC CAPACITOR 5.6pF
R705,706	054 2WS1KJF	MOF RESISTOR 2WS 1K
R141,241,341,441,541	054 MPR5W0.27RJ	METAL PLATE RESISTOR 5W 0.27
R136,137,236,237,336,337,436,437,536,537	054 TMF1000	METAL FILM RESISTOR 1/4W 100
R101,102,201,202,301,302,401,402,501,502	054 TMF16-1001	METAL FILM RESISTOR 1/6W 1K
R113,213,313,413,513	054 TMF16-1002	METAL FILM RESISTOR 1/6W 10K
R702	054 TMF16-1003	METAL FILM RESISTOR 1/6W 100K
R126,127,226,227,326,327,426,427,526,527	054 TMF16-1200	METAL FILM RESISTOR 1/6W 120
R109,110,209,210,309,310,409,410,509,510	054 TMF16-1201	METAL FILM RESISTOR 1/6W 1.2K
R112,212,312,412,512	054 TMF16-1500	METAL FILM RESISTOR 1/6W 150
R704	054 TMF16-1503	METAL FILM RESISTOR 1/6W 150K
R105,106,205,206,305,306,405,406,505,506	054 TMF16-15R0	METAL FILM RESISTOR 1/6W 15
R128,228,328,428,528	054 TMF16-1801	METAL FILM RESISTOR 1/6W 1.8K
R129,229,329,429,529	054 TMF16-2001	METAL FILM RESISTOR 1/6W 2K
R116-118,216-218,316-318,416-418,516-518	054 TMF16-2202	METAL FILM RESISTOR 1/6W 22K
R703	054 TMF16-3301	METAL FILM RESISTOR 1/6W 3.3K
R103,104,203,204,303,304,403,404,503,504	054 TMF16-3302	METAL FILM RESISTOR 1/6W 33K
R132-135,232-235,332-335,432-435,532-535	054 TMF16-39R0	METAL FILM RESISTOR 1/6W 39
R115,215,315,415,515	054 TMF16-4300	METAL FILM RESISTOR 1/6W 430
R114,214,314,414,514	054 TMF16-4302	METAL FILM RESISTOR 1/6W 43K
R119-125,219-225,319-325,419-425,519-525	054 TMF16-5600	METAL FILM RESISTOR 1/6W 560
R131,231,331,431,531	054 TMF16-6801	METAL FILM RESISTOR 1/6W 6.8K
R701	054 TMF16-6802	METAL FILM RESISTOR 1/6W 68K
R111,211,311,411,511	054 TMF16-68R0	METAL FILM RESISTOR 1/6W 68
R107,108,207,208,307,308,407,408,507,508	054 TMF16-7500	METAL FILM RESISTOR 1/6W 750
R130,230,330,430,530	054 TMF16-9100	METAL FILM RESISTOR 1/6W 910
R140,240,340,440,540	054 TMF2200	METAL FILM RESISTOR 1/4W 220
R138,139,238,239,338,339,438,439,538,539	054 TMF3R30	METAL FILM RESISTOR 1/4W 3.3
CP201	068 B10B-PH-KS	CONNECTOR WAFER 10P
016 E-1419A00 PCB ASSY		
	501E-1419	PCB ASSY (OUTPUT)
IC702	031 TC9162AF	IC SMD (SWITCH ALLEY) KIC9162AF
IC701	031 TC9163AF	IC SMD (SWITCH ALLEY) KIC9163AF
IC709,710	031 TC9482F	IC SMD (VOLUME) KIC9482F
IC707,708,IC703-706,711-714	031 TL072CD	IC SMD (OPE DUAL) TL072CD
QC702,QCB701,QF701,QS701,QSW702	032 KRA107S	TRANSISTOR CHIP KRA107S
Q701-703,QBL/R701,QC701,QFL/R701	032 KRC231S	TRANSISTOR CHIP KRC231S
QSL/R701,QSW701	032 KRC231S	TRANSISTOR CHIP KRC231S
D701,702,DC701,DCB701,DF701,DS701,DSW701	037 KDS184RTK	DOIDE CHIP KDS184RTK
C701-705,707,709,711,CB701,702	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CCB703,704,CCW701-704,CF701-704	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CMW710,711,CS701-704	041 TUTES1E470-TF	ELECTROLYTIC CAPACITOR 25V47uF
CBL/R702,704,705,708,CCT702,704,705,708	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CFL/R702,704,705,708,CMW705	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CSL/R702,704,705,708,CSW702,704,705,708	041 TUTES1H100-TF	ELECTROLYTIC CAPACITOR 50V10uF
CMW707	047 ECJ2VB1H333K	CERAMIC CAPACITOR CHIP 0.033uF
C706,708,710,712,713,714	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CCB705,CCT709,CF705,CS705,CSW709	047 ECJ2VF1H104Z	CERAMIC CAPACITOR CHIP 0.1uF
CMW706	047 ECJ2VF1H224Z	CERAMIC CAPACITOR CHIP 0.22uF
CBL/R707,CCT707,CFL/R707,CSL/R707	047 ECJ2VG1H100D	CERAMIC CAPACITOR CHIP 10pF
CBL/R701,703,706,CCT701,703,706	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CFL/R701,703,706,CSW701,703,706,707	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CSL/R701,703,706,CMW704	047 ECJ2VG1H101J	CERAMIC CAPACITOR CHIP 100pF
CMW708,709	047 ECJ2VG1H222J	CERAMIC CAPACITOR CHIP 0.0022uF
1056J1-1056J5,J701	055 ERJ6GEY0R00V	RESISTOR CHIP 0
RBL/R705,RCT705,RFL/R705,RSL/R705,RSW705	055 ERJ6GEYJ101V	RESISTOR CHIP 100
RBL/R701,707,RCT701,707,RFL/R701,707	055 ERJ6GEYJ101V	RESISTOR CHIP 100
RMW709,RSL/R701,707,RSW701,707	055 ERJ6GEYJ101V	RESISTOR CHIP 100

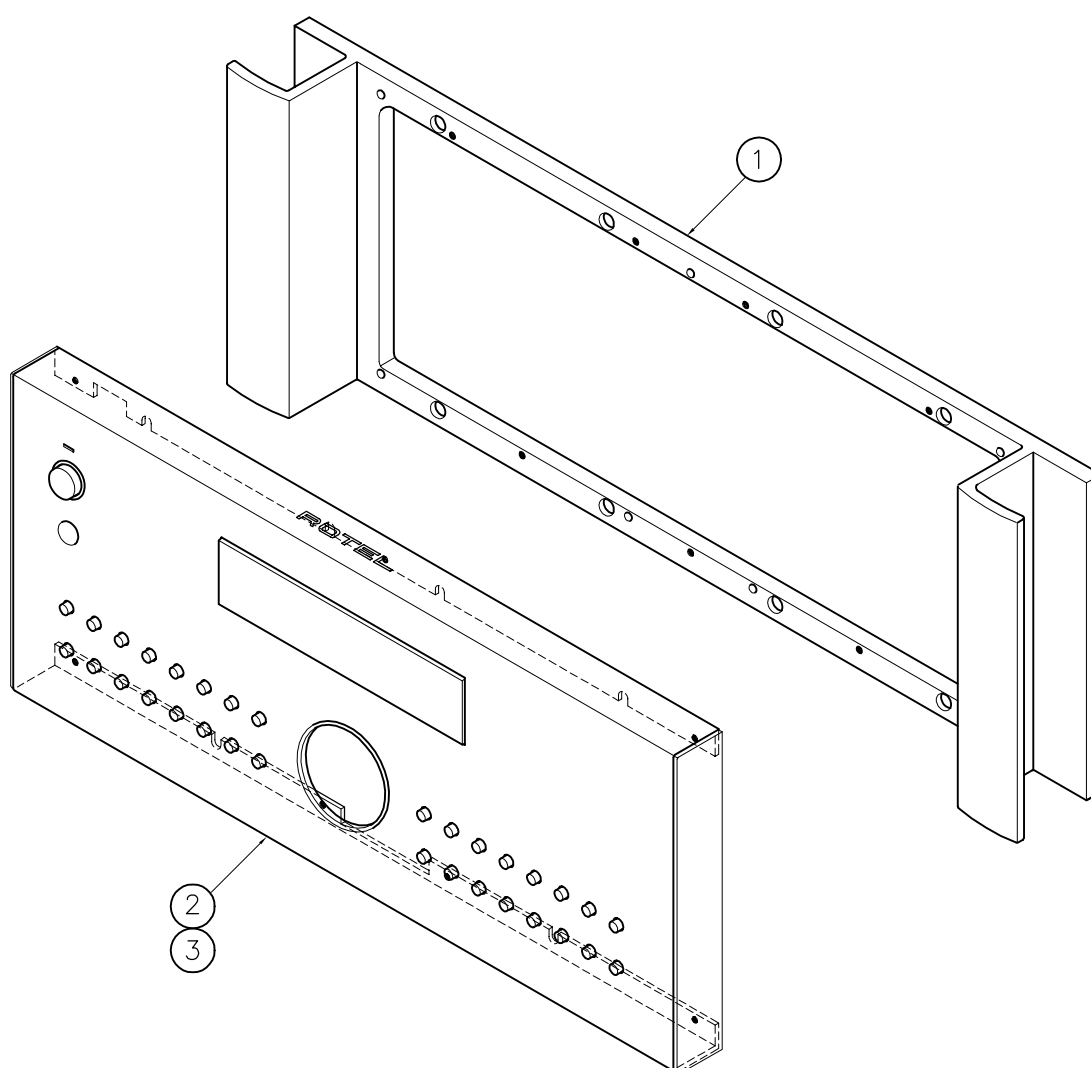
SYMBOL	PARTS NO.	DESCRIPTION
R703-705,708-710,713-715,718-720	055 ERJ6GEYJ102	RESISTOR CHIP 1K
RBL/R712,RCT712,RFL/R712,RMW712,713	055 ERJ6GEYJ102	RESISTOR CHIP 1K
RSL/R712,RSW710,712,R721-728	055 ERJ6GEYJ102	RESISTOR CHIP 1K
RBL/R709,RCT709,RFL/R703,709	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RMW711,715,716,RSL/R709	055 ERJ6GEYJ103V	RESISTOR CHIP 10K
RBL/R706,RCB705,RCT706,713,RFL/R706	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RS705,RSL/R706,RSW706,713	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RBL/R702,708,711,RCB706,RCT702,708,711,714	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RF705,706,RFL/R702,708,711,RMW710,714	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RS706,RSL/R702,708,711,RSW702,708,711,714	055 ERJ6GEYJ104V	RESISTOR CHIP 100K
RBL/R704,RCT704,RSL/R704	055 ERJ6GEYJ122V	RESISTOR CHIP 1.2K
RBL/R703,RCT703,RMW706,707,RSL/R703	055 ERJ6GEYJ123V	RESISTOR CHIP 12K
RSW709	055 ERJ6GEYJ153V	RESISTOR CHIP 15K
R729,730,RMW705	055 ERJ6GEYJ182V	RESISTOR CHIP 1.8K
RSW703	055 ERJ6GEYJ203V	RESISTOR CHIP 20K
R701,702,706,707,711,712,716,717	055 ERJ6GEYJ221V	RESISTOR CHIP 200
RB701,702,RCB703,704,RCW701-704	055 ERJ6GEYJ221V	RESISTOR CHIP 200
RF701-704,RMW717,718,RS701-704	055 ERJ6GEYJ221V	RESISTOR CHIP 200
RBL/R710,RCT710,RFL/R710,RSL/R710	055 ERJ6GEYJ222V	RESISTOR CHIP 2.2K
RMW708	055 ERJ6GEYJ273V	RESISTOR CHIP 27K
RSW704	055 ERJ6GEYJ332V	RESISTOR CHIP 3.3K
RFL/R704	055 ERJ6GEYJ392V	RESISTOR CHIP 3.9K
RA731,733	055 ERJ6GEYJ472V	RESISTOR CHIP4.7K
RA732,734	055 ERJ6GEYJ562V	RESISTOR CHIP 5.6K
RY701,702	063 A12W-K	RELAY A12W-K
TER702	066 C-4784A02	4P PIN JACK (B/B)
TER701	066 C-4792A01	6P PIN JACK (W/R)
CP401,402,702	068 B15B-PH-KS	CONNECTOR WAFER 15P
CP703	068 B2B-PH-KS	CONNECTOR WAFER 2P
CP204,701	068 B3B-PH-KS	CONNECTOR WAFER 3P
CP203	068 B6B-PH-KS	CONNECTOR WAFER 6P
HEAT SINK ASSEMBLY		
Q115,215,315,415,515	017 UF3-08A01	HEAT SINKER BOARD
Q114,214,314,414,514	032 C4137-V	TRANSISTOR
Q113,213,313,413,513	033 A1386-OPY	TRANSISTOR 2SA1386A-OPY
	033 C3519-OPY	TRANSISTOR 2SC3519A-OPY
	019 TO-220	MICA SHEET TBM-51W-15 #9036
	019 TO-3P	MICA SHEET TBM-51W-15 #9043
CP251	034 P43T7D200BW20	POSISTOR
O T H E R S		
	011 FP-571-B	BLACK PANEL ASSY
	011 FP-571-S	SILVER PANEL ASSY
	011 UF3-01B00	H/S PANEL H150
	012 RV4-09A00	PUSH BUTTON 14Φ (BLACK)
	012 RV4-09A01	PUSH BUTTON 14Φ (SILVER)
	012 TB3-18A00	TACT BUTTON 16KEY (BLACK)
	012 TB3-18A01	TACT BUTTON 16KEY (SILVER)
	014 UF3-06A00	UPPER COVER
	019 4TSH-19#2	PLASTIC FOOT 50Φ (BLACK)
	019 C-4714A00	POWER KNOB RING 14Φ (BLACK)
	019 C-4714A01	POWER KNOB RING 14Φ (SILVER)
	019 PR4-12B00	KNOB RING(RED) 46Φ
	019 PR4-12B01	KNOB RING(BLU) 46Φ
	022 T-1097U02	POWER TRANSFORMER
	034 SEL1124R	LED (RED) 1X5
	034 SEL1E24W	LED (BLU) 1X5
	061 C-4838A00	ROCKER SWITCH SR1N6BB
	068 C-4701A06	CONNECTOR WIRE 2P 120MM
	068 C-4748A04WR	CONNECTOR WIRE 2P 90MM
	069 C-4629A01	AC 2P INLET 6102.3100 (WIRING)
	072 C-4621A01	AC CORD SET SJT AWG16/2C for USA
	072 C-4622A01	AC CORD SET for AUSTRALIA
	072 C-4624A01	AC CORD SET for EUROPE

SYMBOL	PARTS NO.	DESCRIPTION
CNT100	072 C-4786A01	COMPUTER I/O CABLE (6-P)
	072 C-4863A01	FLAT CABLE 17P 200mm
	081 VB3-04A00	INSIDE CARTON
	081 VB3-05A00	SHIPPING CARTON
	081 Z-208	STYROL MOULDING
	092 RR-1050	REMOTE CONTROL UNIT
	082 OMRSX-1056	OWNER'S MANUAL

Addendum List for Black and Silver

RSX1056

SYMBOL	PARTS	DESCRIPTION
③	011 FP-571A-B	BLACK PANEL ASSY
②	011 FP-571A-S	SILVER PANEL ASSY
①	011 UF3-01B00	H/S PANEL H150
	012 C-4711A03	KNOB 43F NO MARK (BLK)
	012 C-4711A03S	KNOB 43F NO MARK (SLV)
	012 RV4-09A00	PUSH BUTTON 14F (BLK)
	012 RV4-09A01	PUSH BUTTON 14F (SLV)
	012 TB3-18A00	TACT BUTTON 16 KEY (BLK)
	012 TB3-18A01	TACT BUTTON 16 KEY (SLV)
	034 SEL1124R	LED (RED) 1X5
	034 SEL1E24W	LED (BLU) 1X5



<MEMO>

1. Light-up ALL FL segments to check:

Press “2CH” and “MUTE” of front panel while turn on the rear panel master power switch. When release the lighting, press STANDBY switch or master power switch.

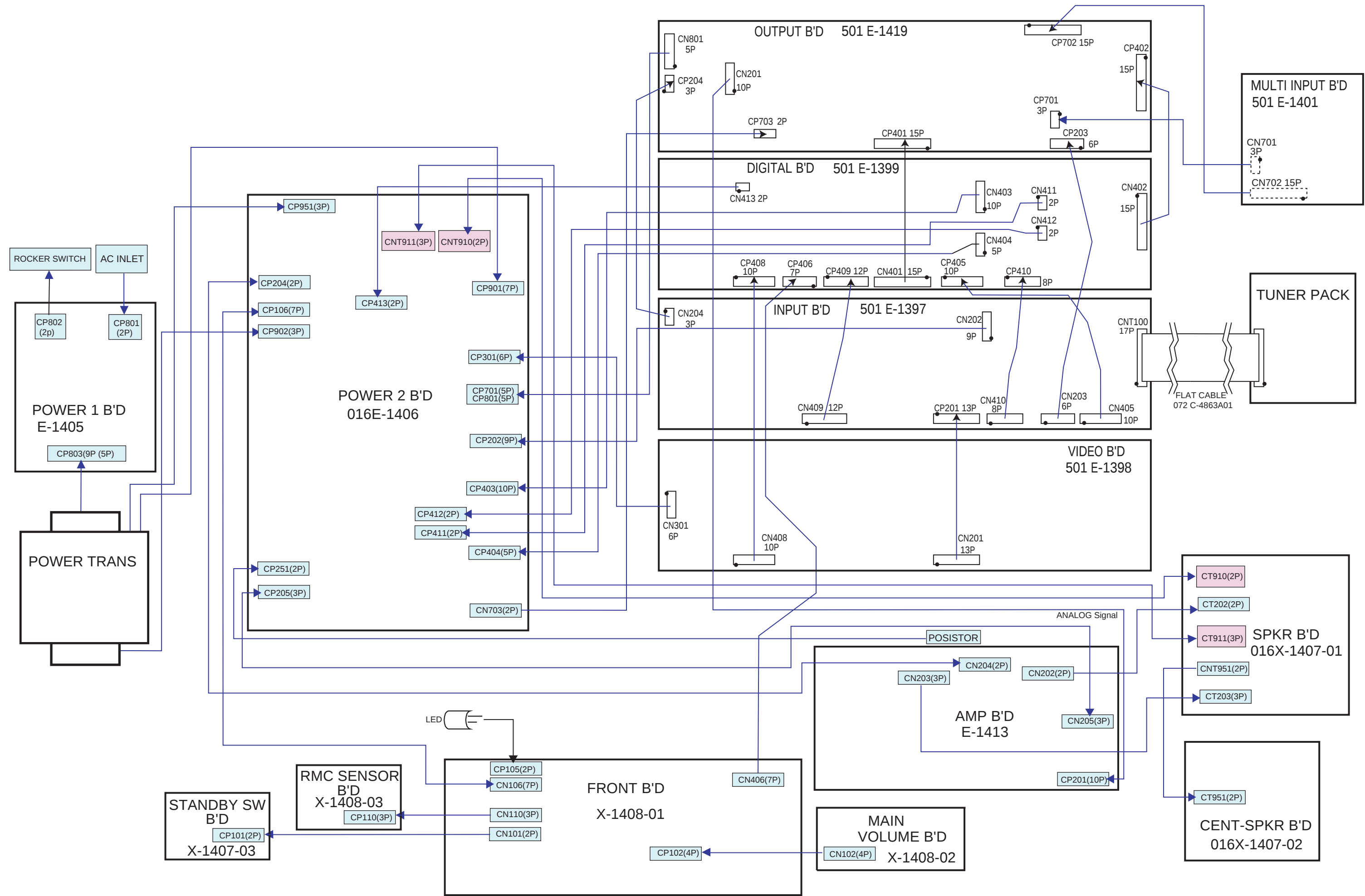
Procedure of RSX-1056 software upgrade

*Note : This procedure is made by translation of Windows 98 version. So some of menu or option name may not be matched with some versions of Windows 98.

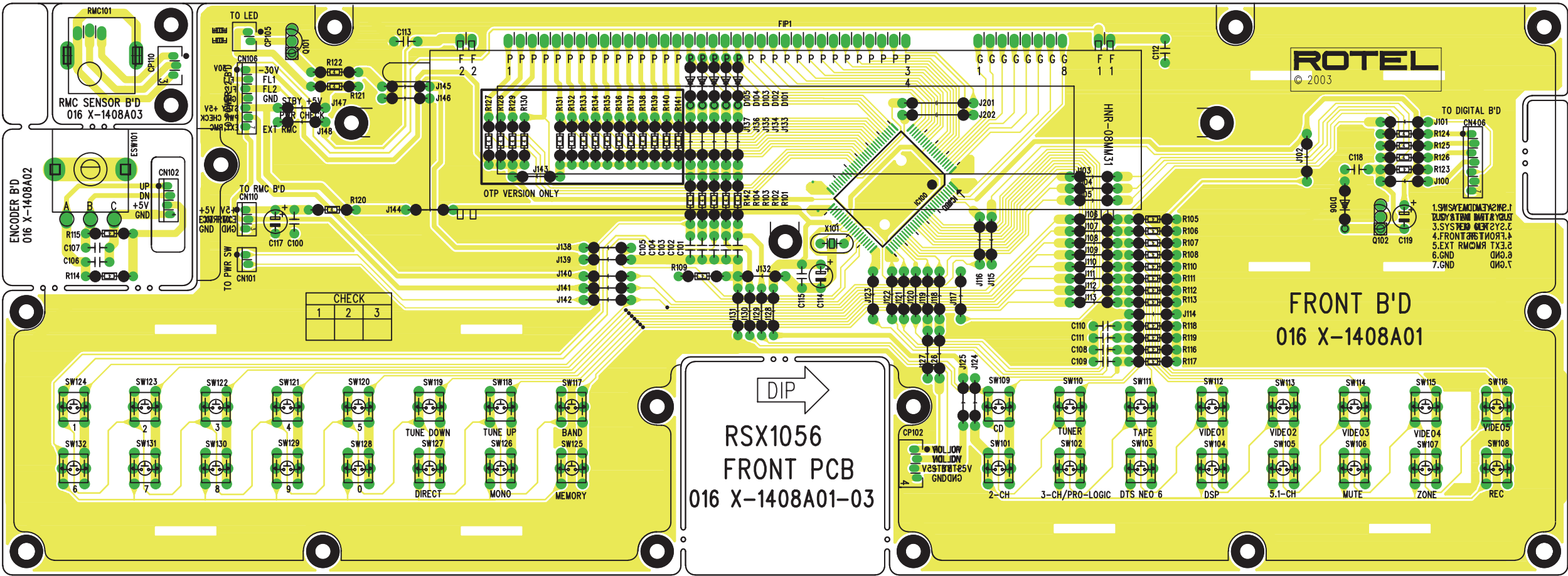
First of all, User should have the new software file (via internet download) before preceding the software up-grade process.

1. Power RSX-1056 off (rear panel master power switch).
2. Remove all of connections between RSX-1056 and other equipments.
3. Connect RSX-1056 and PC with RJ45/DB9 cable. RJ45 jack should be connected to COMPUTER I/O port in RSX-1056 rear panel. DB9 jack will be connected to PC serial port (ex. COM1 or COM2,,).
4. Switch down the SOFTWARE UPGRADABLE key to ON in RSX-1056 rear panel.
5. Open HyperTerminal program in Windows 98 (Program / Supplement Program / Communication / HyperTerminal)
6. Input name and select icon to use for connection in connection explanation dialogue box and click O.K.
7. Connection object dialogue box appears. Select modem(N) to use for connection. For example, if DB9 cable is connected to COM1 serial port of PC, select COM1.
8. Selected serial port registration dialogue box appears. Select value or option per item as follows.
 - *Bit per second (B) : 19200
 - *Data Bit (D) : 8
 - *Parity (P) : None
 - *Stop Bit (S) : 1
 - *Flow Control (F) : None
 - *And click O.K.
9. Click File (F) and click Property (R) in file menu of HyperTerminal.
10. Select setup.
11. In set up dialogue box, select options per item as follows.
 - *Function Key : Terminal Key(T)
 - *Backspace function: Ctr+H(C)
 - *Emulation: VT100
 - *Telnet Terminal: VT100
 - *Back scroll buffer line : 500
 - *And click ASCII Setup (A)
 - *Select (A) & (W) at ASCII receiving section, Click O.K
 - *Click O.K
12. Power RSX-1056 on (rear master power switch) and then options message appears in HyperTerminal screen. In the message, select number 1. Erase of current software begins.
13. When erasing finishes, download file message appears. Select Text file sending (T) in Transmission menu (T) of HyperTerminal and text file sending dialogue box appears.
14. Change the finding file format from (*.TXT) to (*.*) format, and find the new software which is for up-date.(*. Bin) format.
15. Double-click new software file. The extension of software file name is bin (ex. xxx.bin). Then software upgrade begins.
16. When the upgrade finishes, check message appears. In the message, compare received data checksum with rom checksum. If they are same, the upgrade is done correctly.
17. Power RSX-1056 off (rear master power switch) and switch up the SOFTWARE UPGRADABLE key to Off in the rear panel.
18. Disconnect the cable between PC and the RSX-1056.
19. Power RSX-1056 on (rear master power switch and front standby switch) and set the default setting on the OSD screen menu with connecting a TV monitor. And confirm if the software version is upgraded.

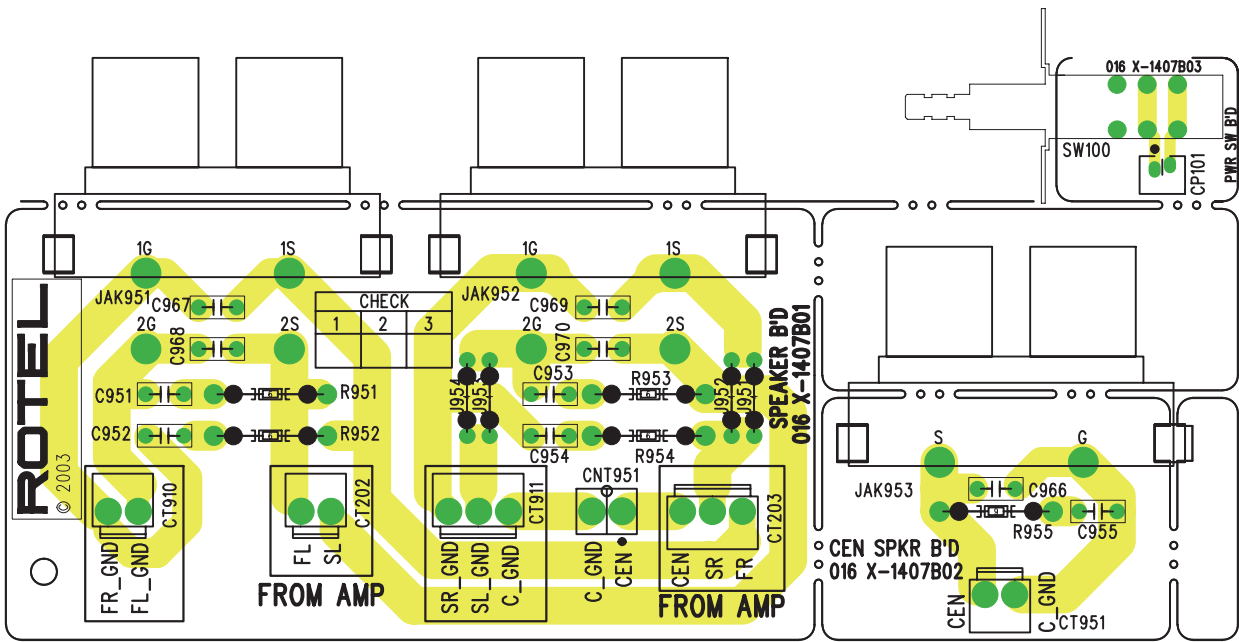
Wiring Diagram



Front PCB 016 X-1408A01~03

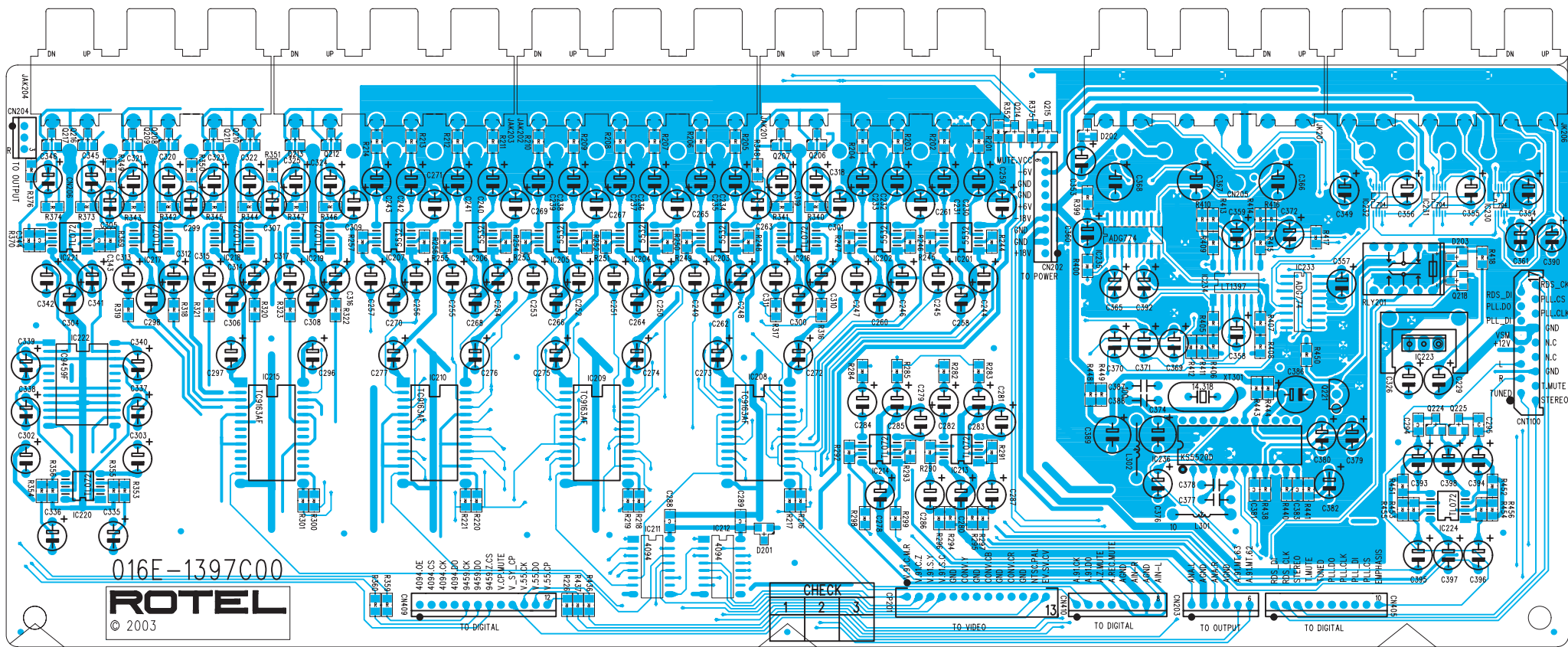


Speaker Terminal PCB 016 X-1407B01~03

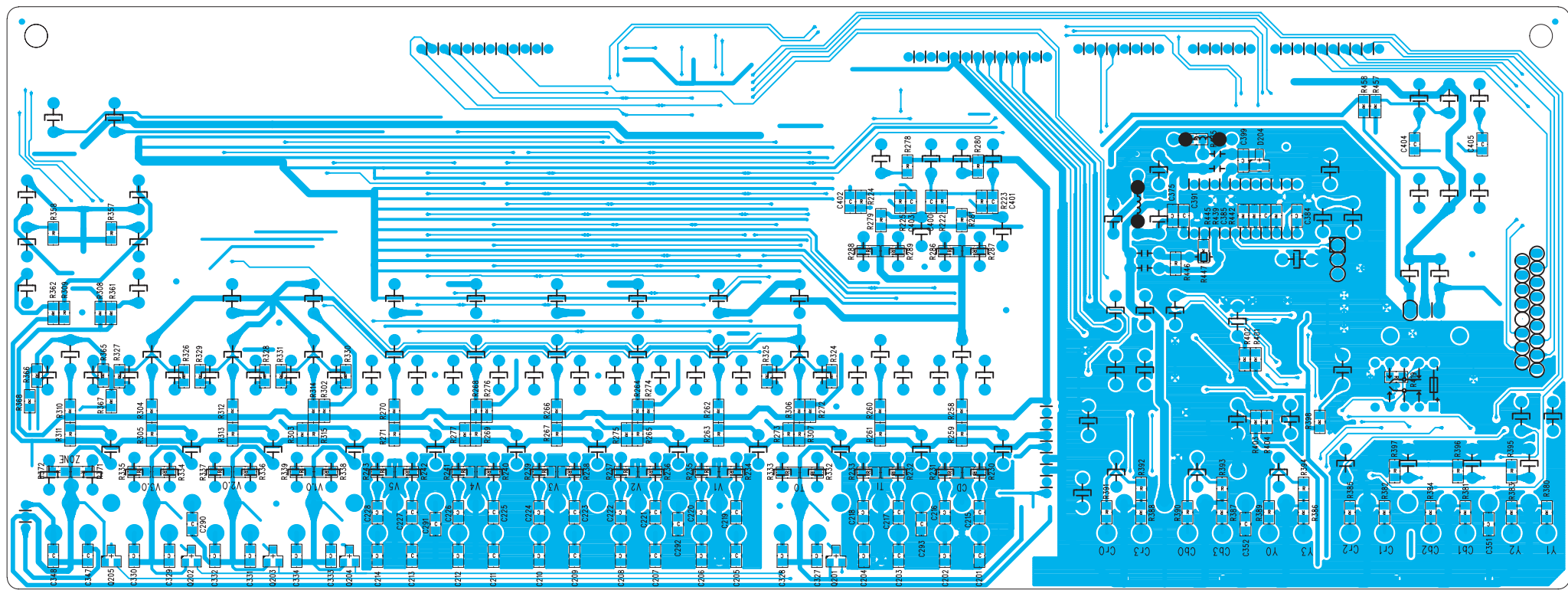


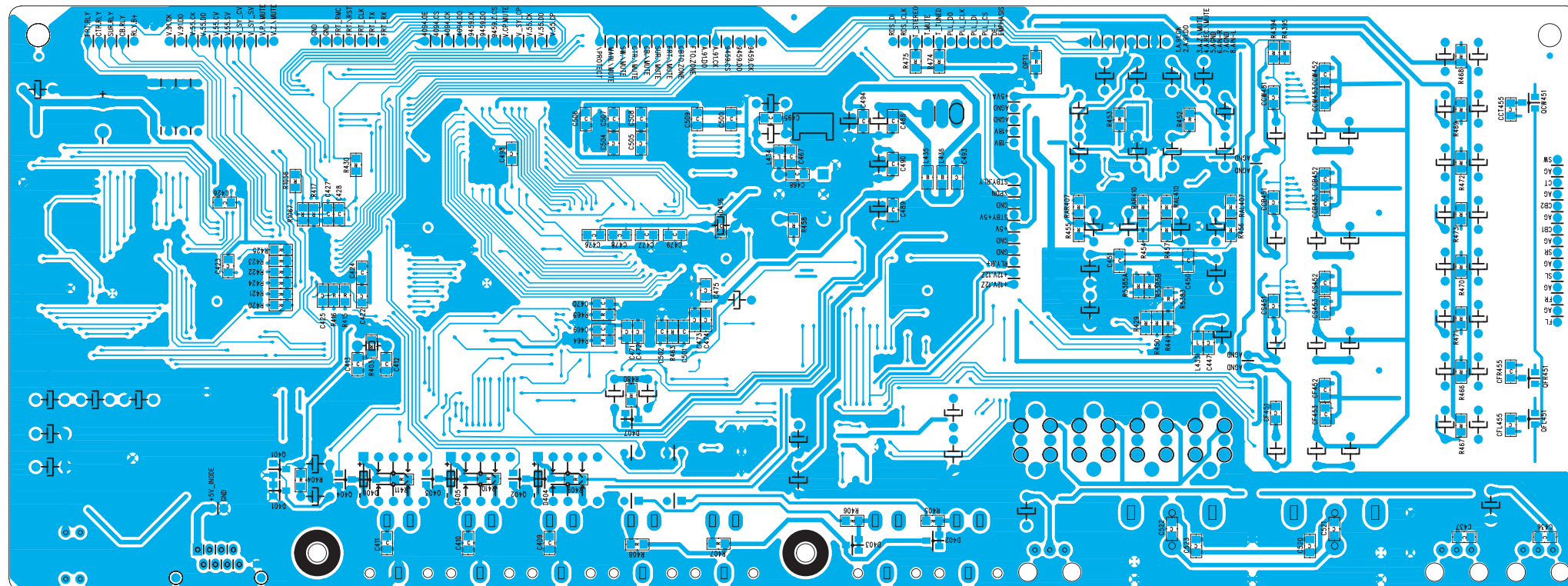
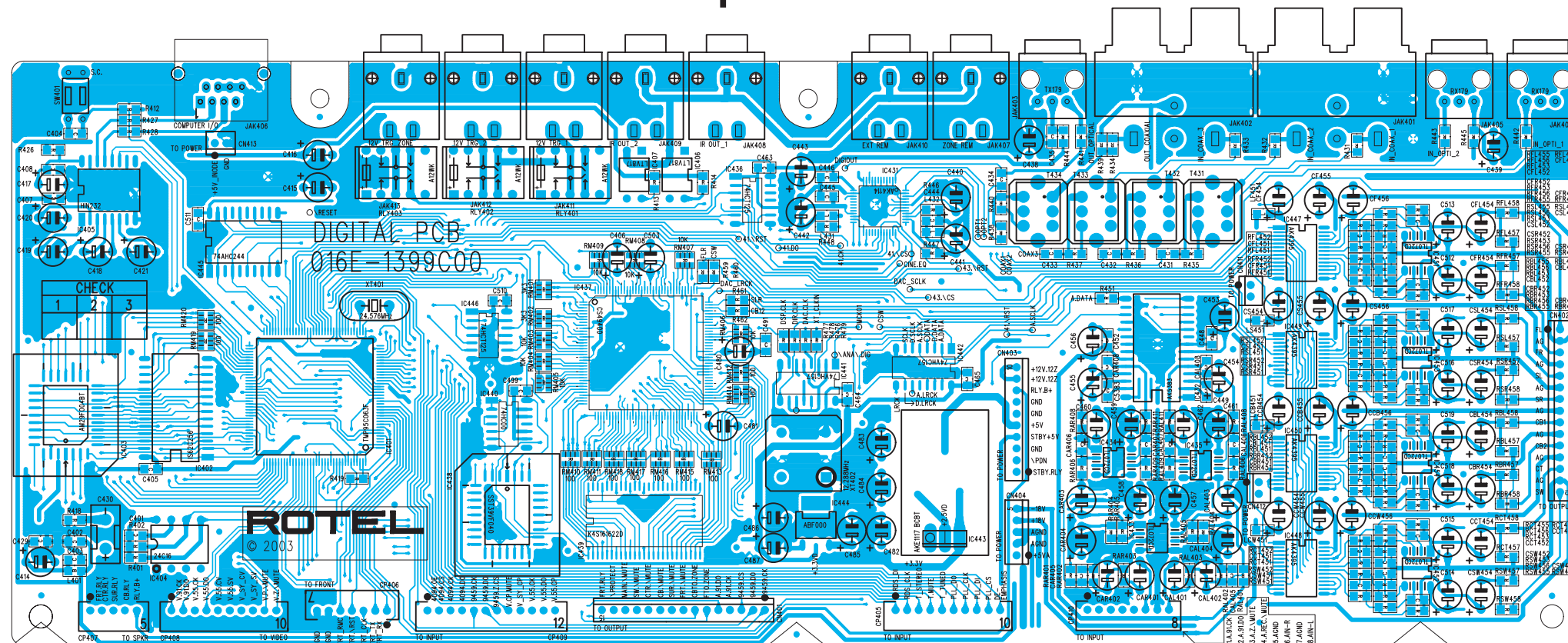
Input PCB 016 E-1397C00

Input PCB Top View



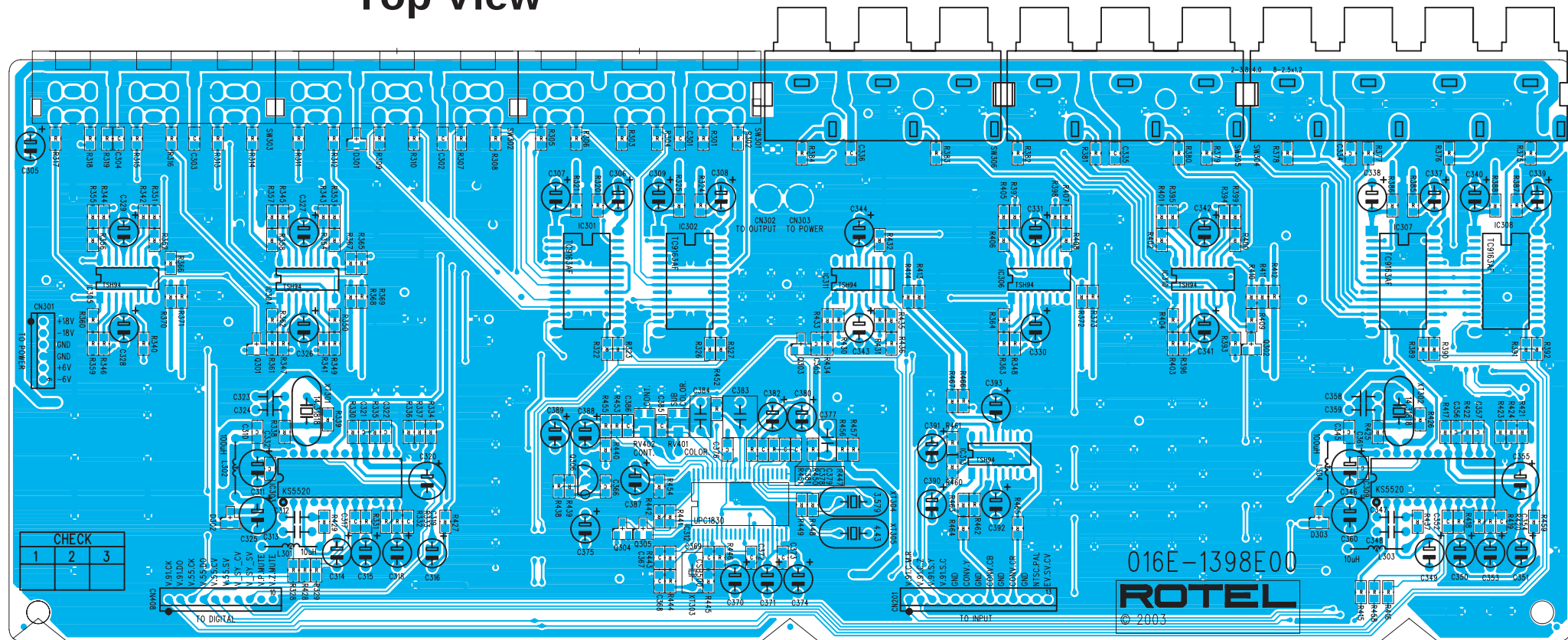
Input PCB Bottom View



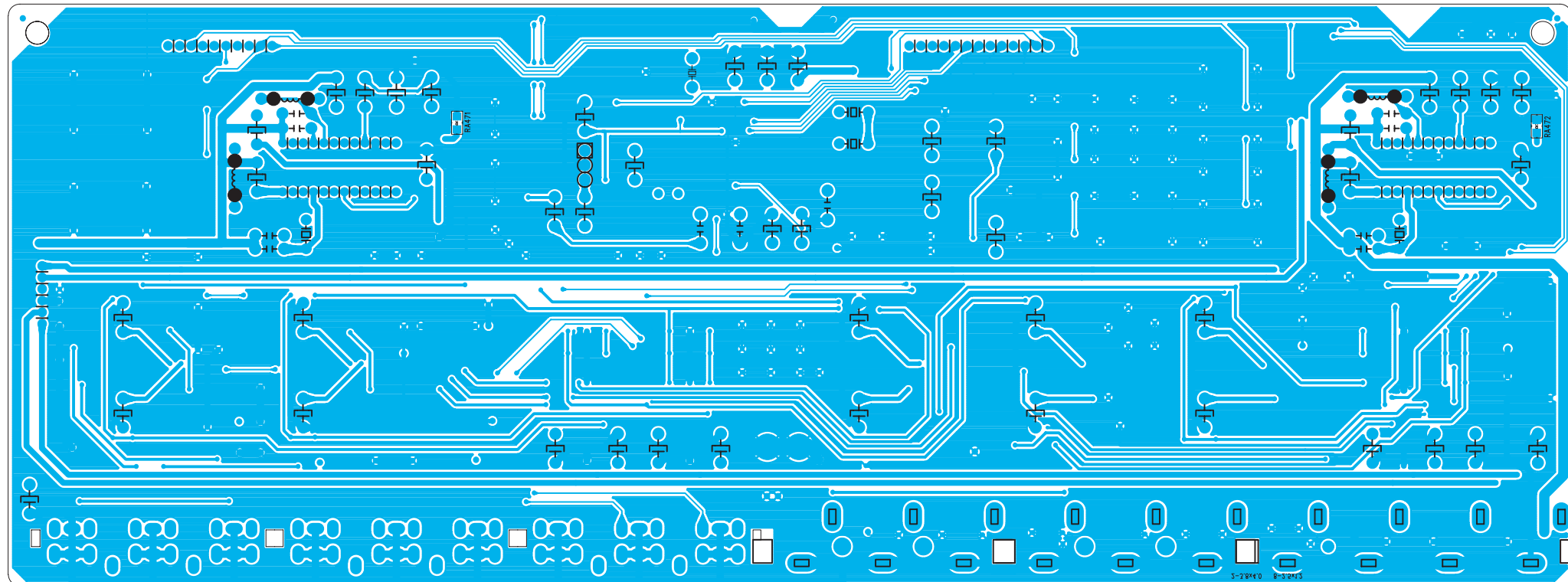


Video PCB 016 E-1398E00

Top View

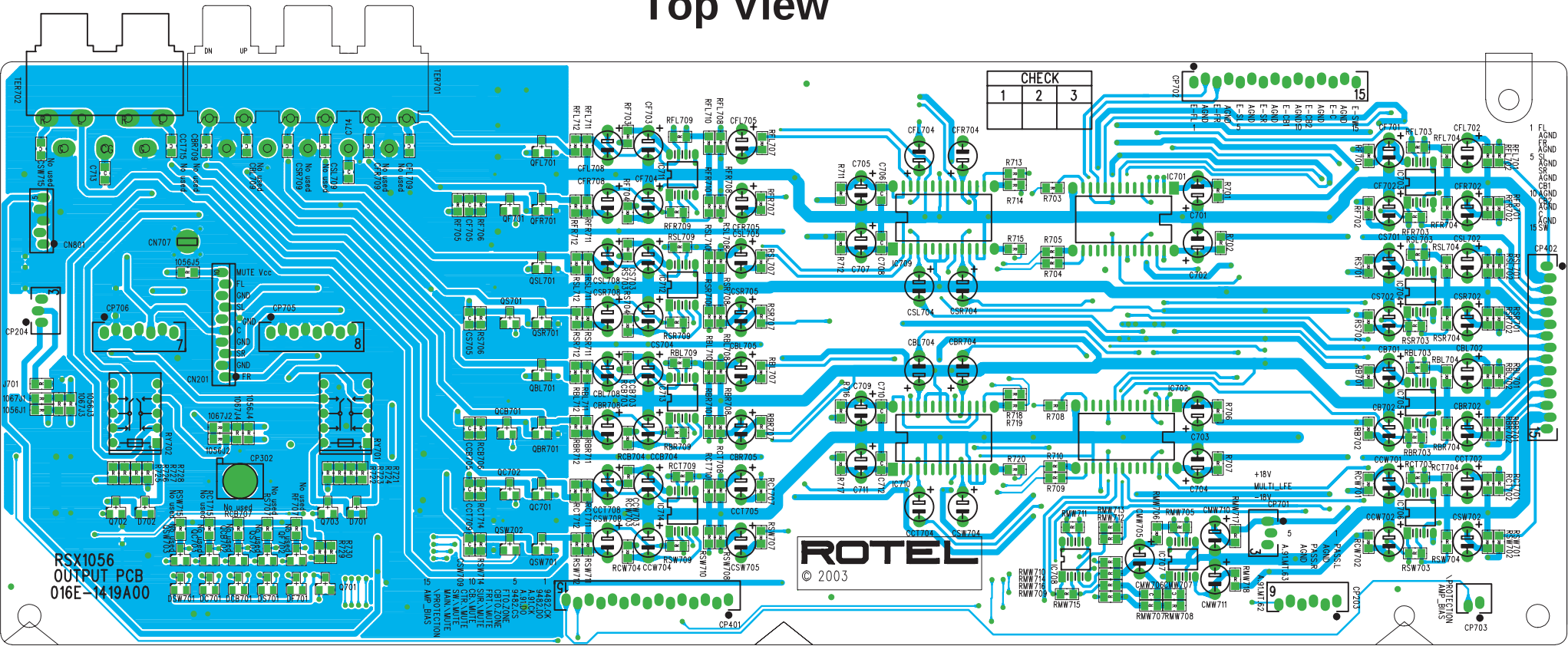


Bottom View

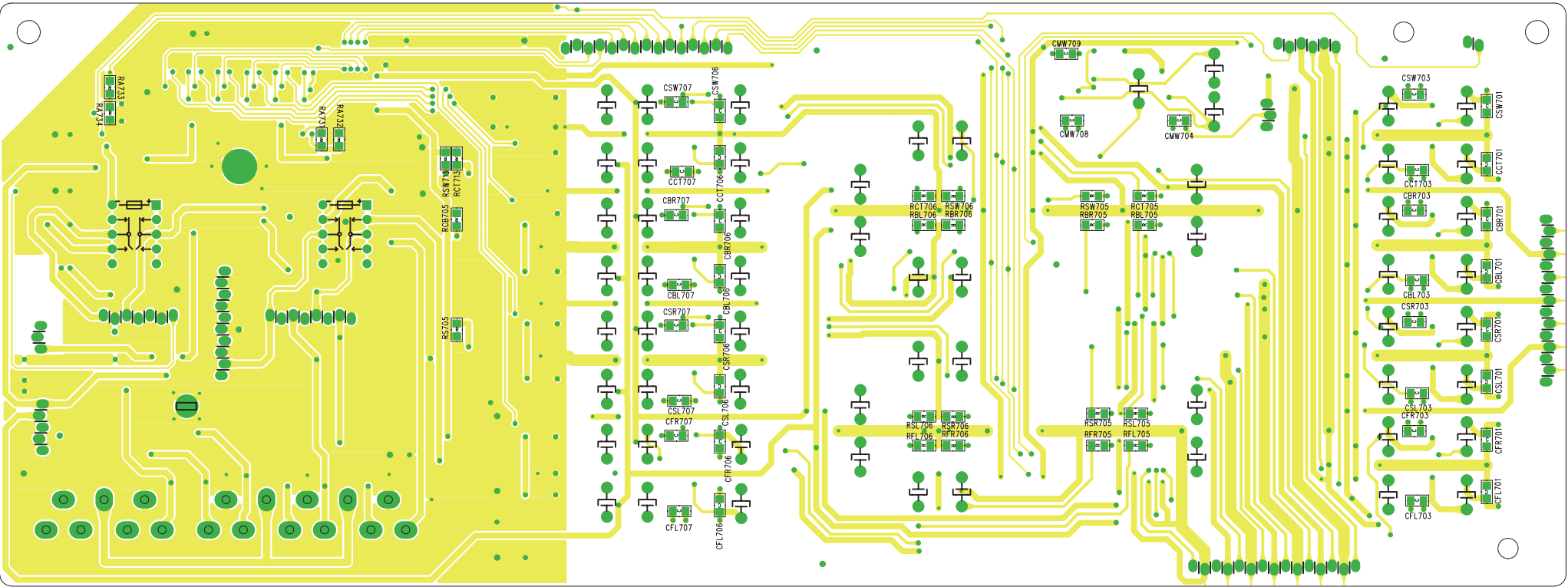


PCB Assembly - 5/7

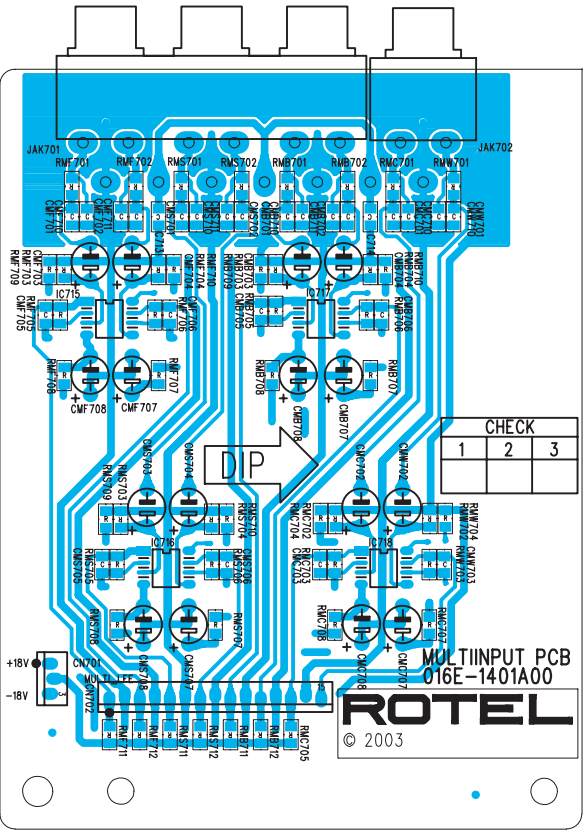
Output PCB 016 E-1419A00
Top View



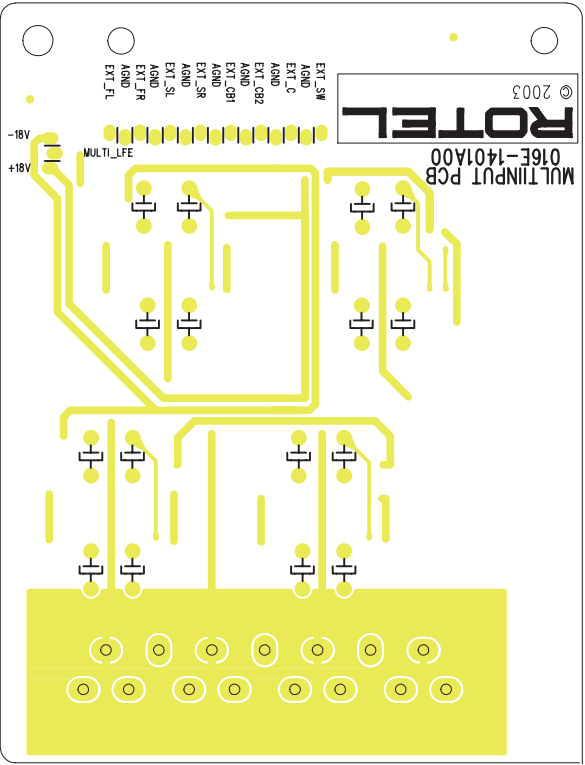
Bottom View



Multi Input PCB
016 E-1401A00
Top View

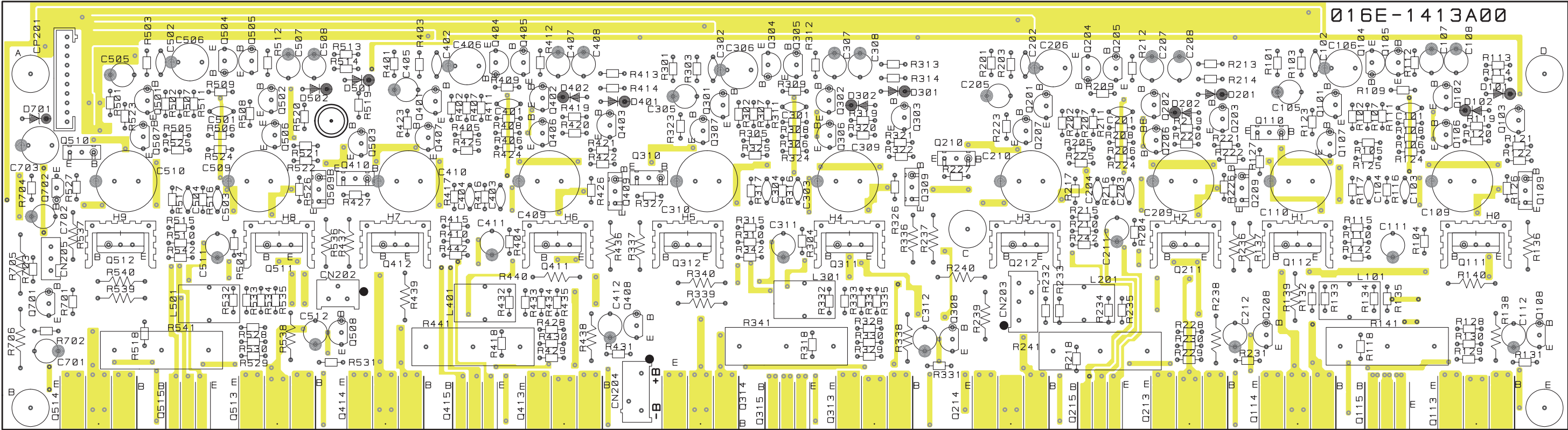


Bottom View

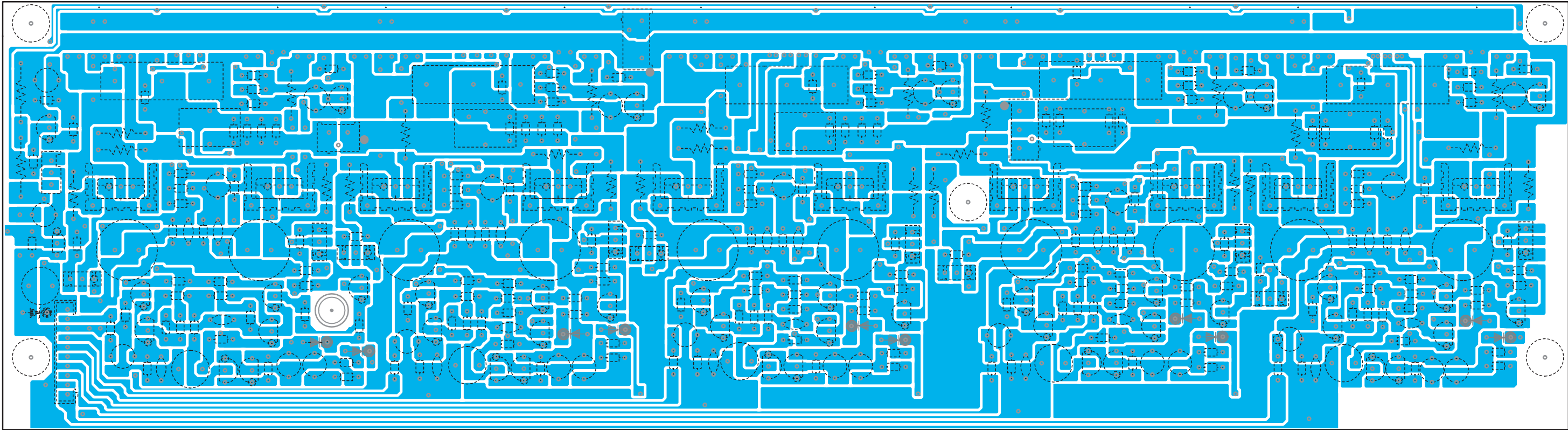


Power Amplifier PCB 016 E-1413A00

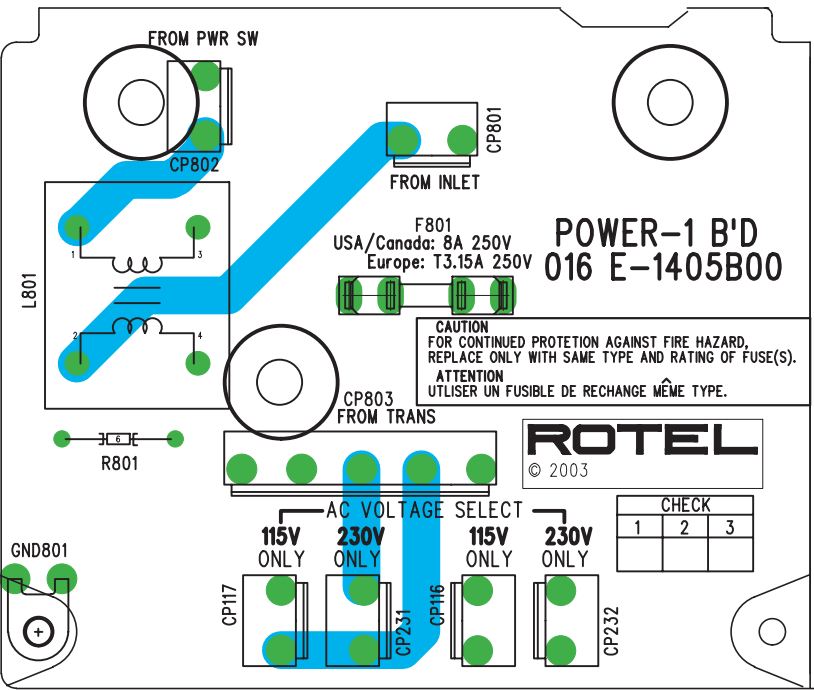
Top View



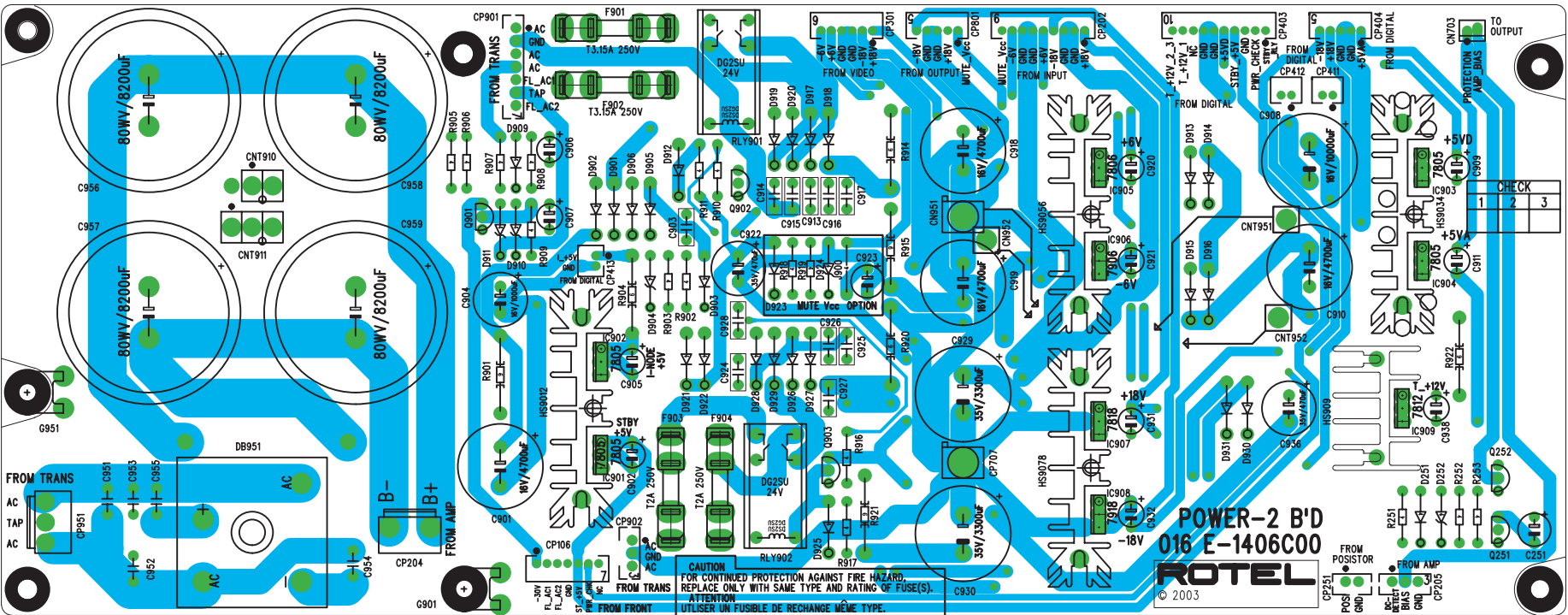
Bottom View



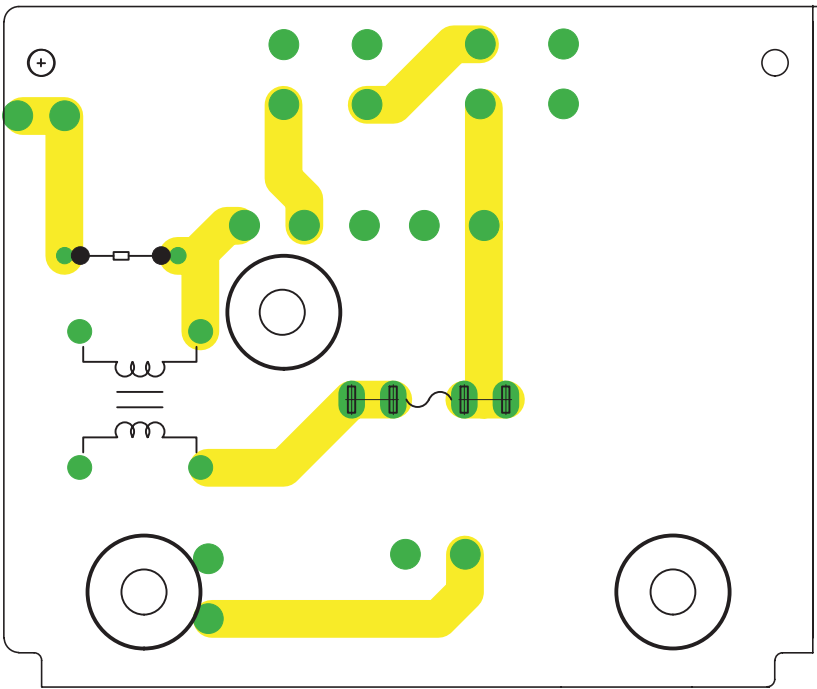
Power 1 PCB 016 E-1405B00
Top View



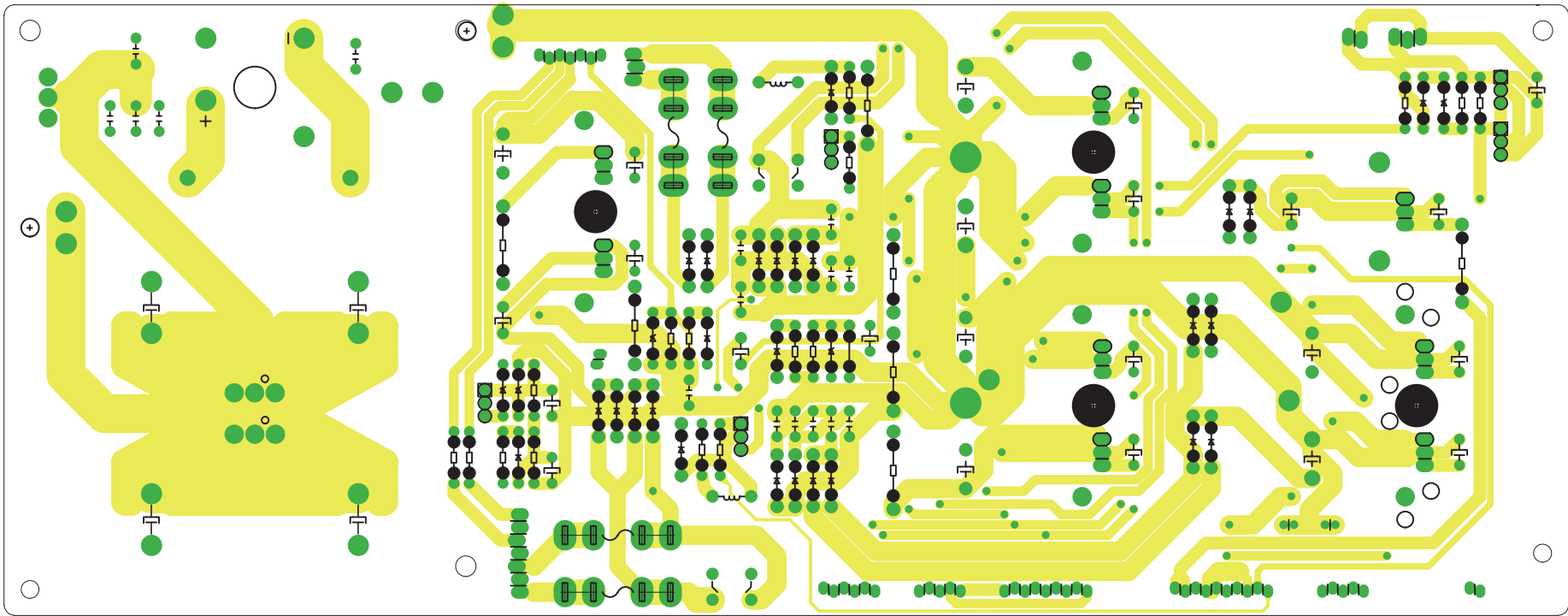
Power 2 PCB 016 E-1406C00
Top View



Bottom View

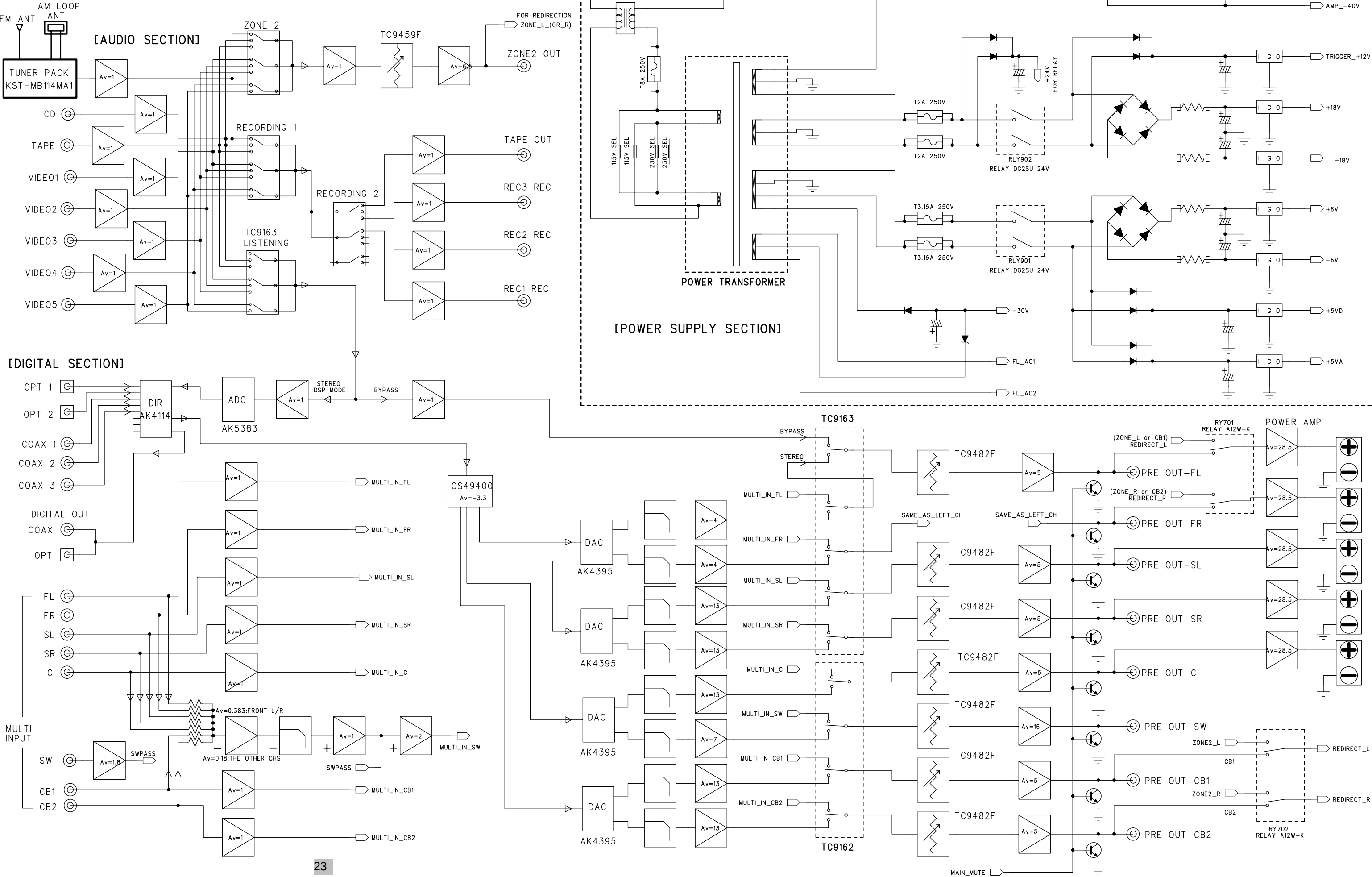


Bottom View

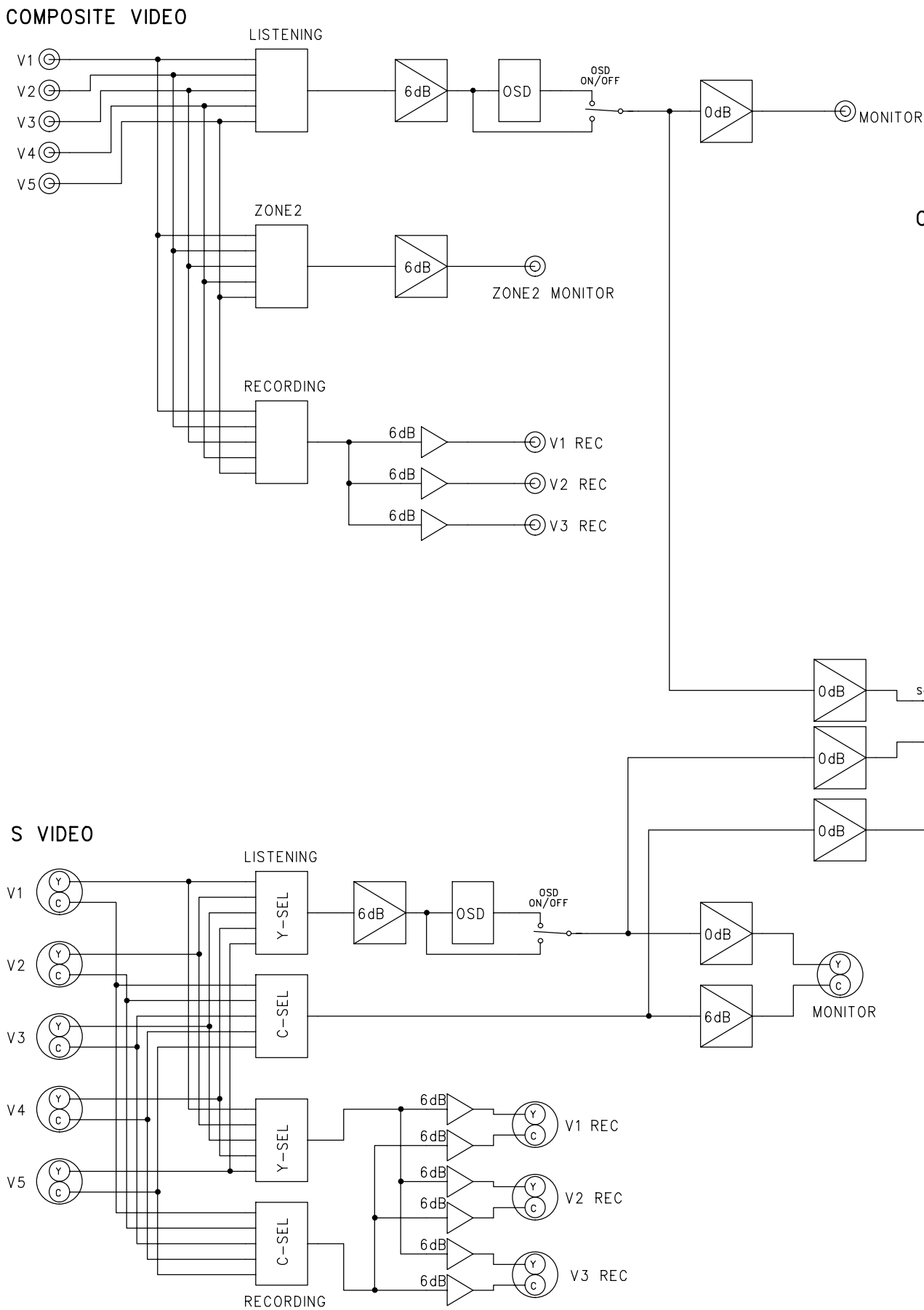


Block Diagram 1/2

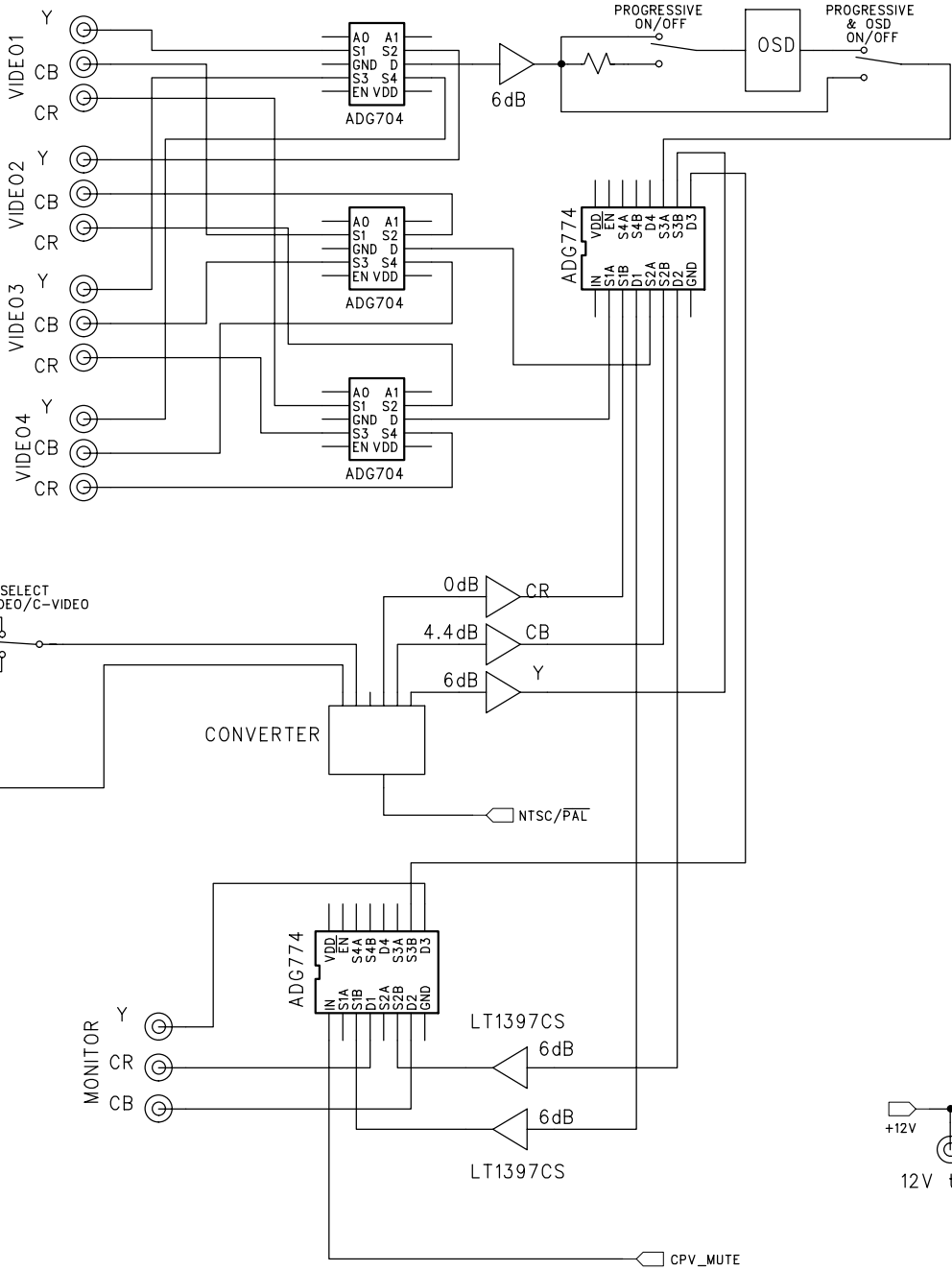
RSX-1056



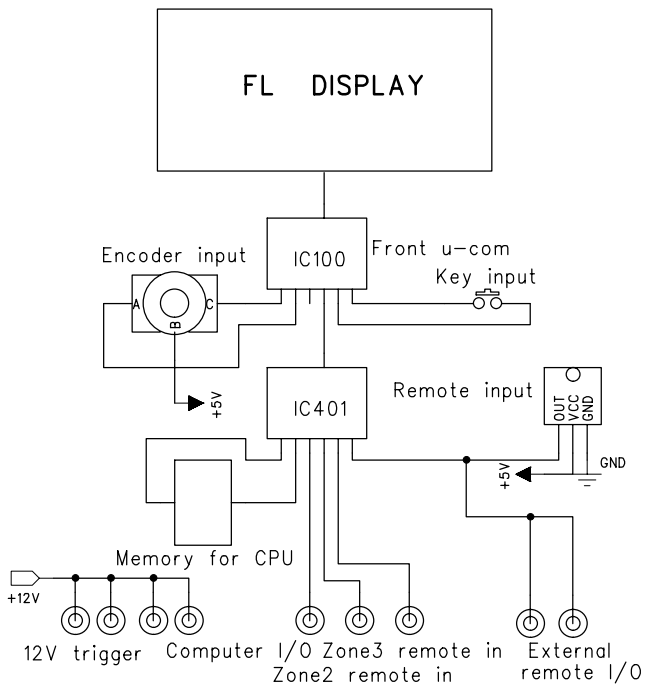
[VIDEO SECTION]



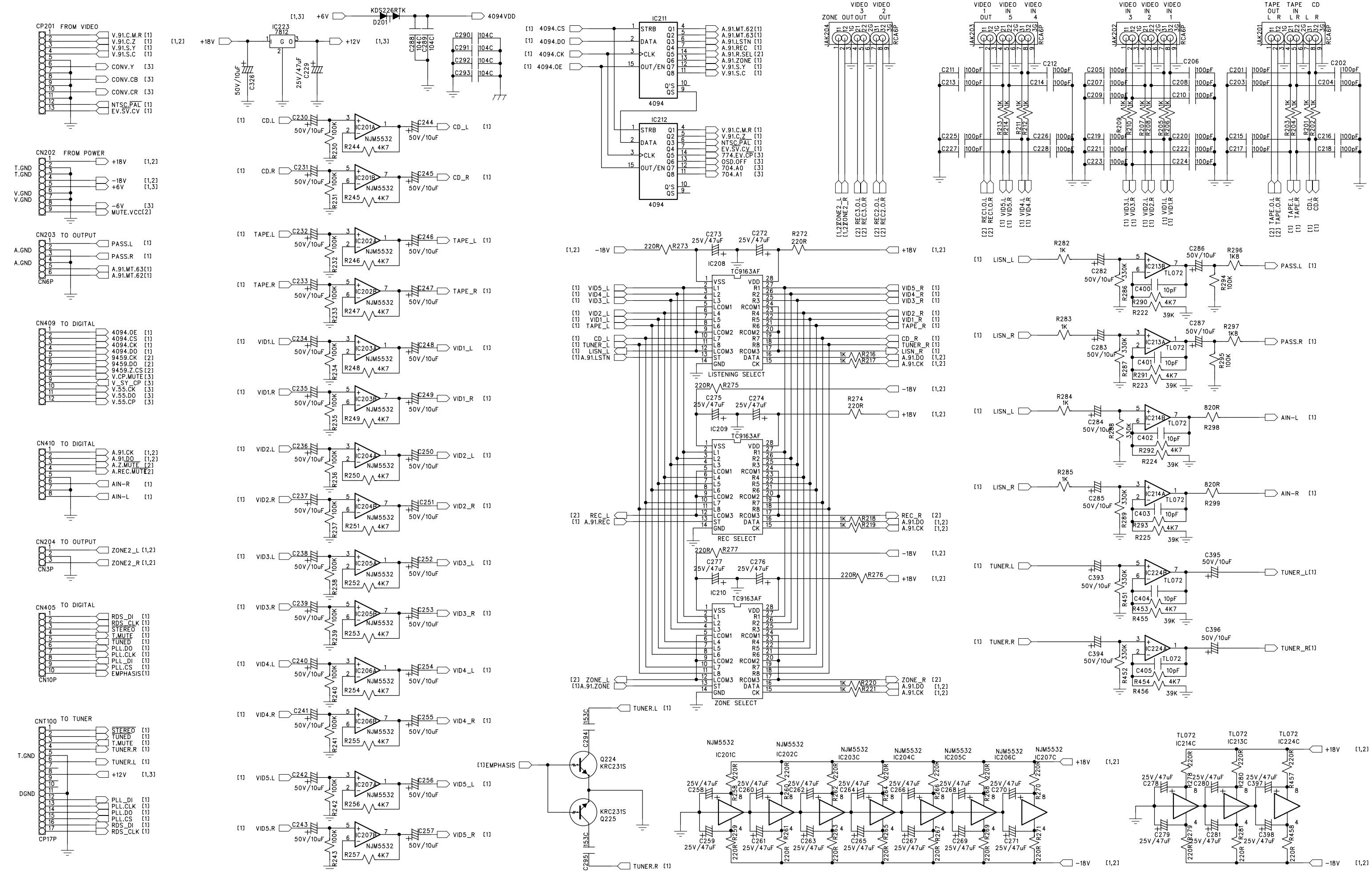
COMPONENT VIDEO



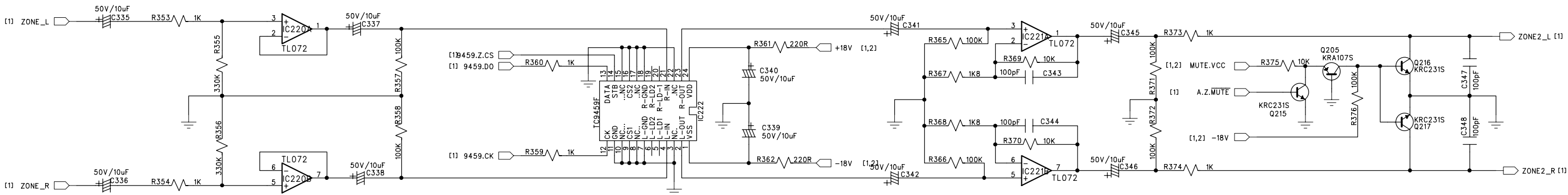
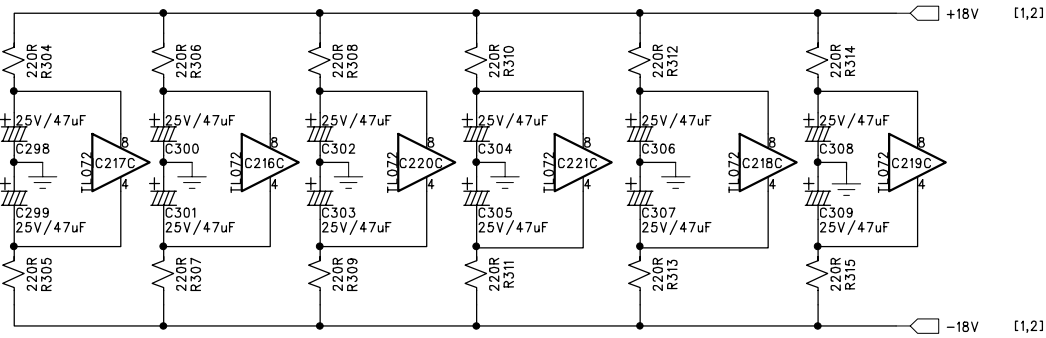
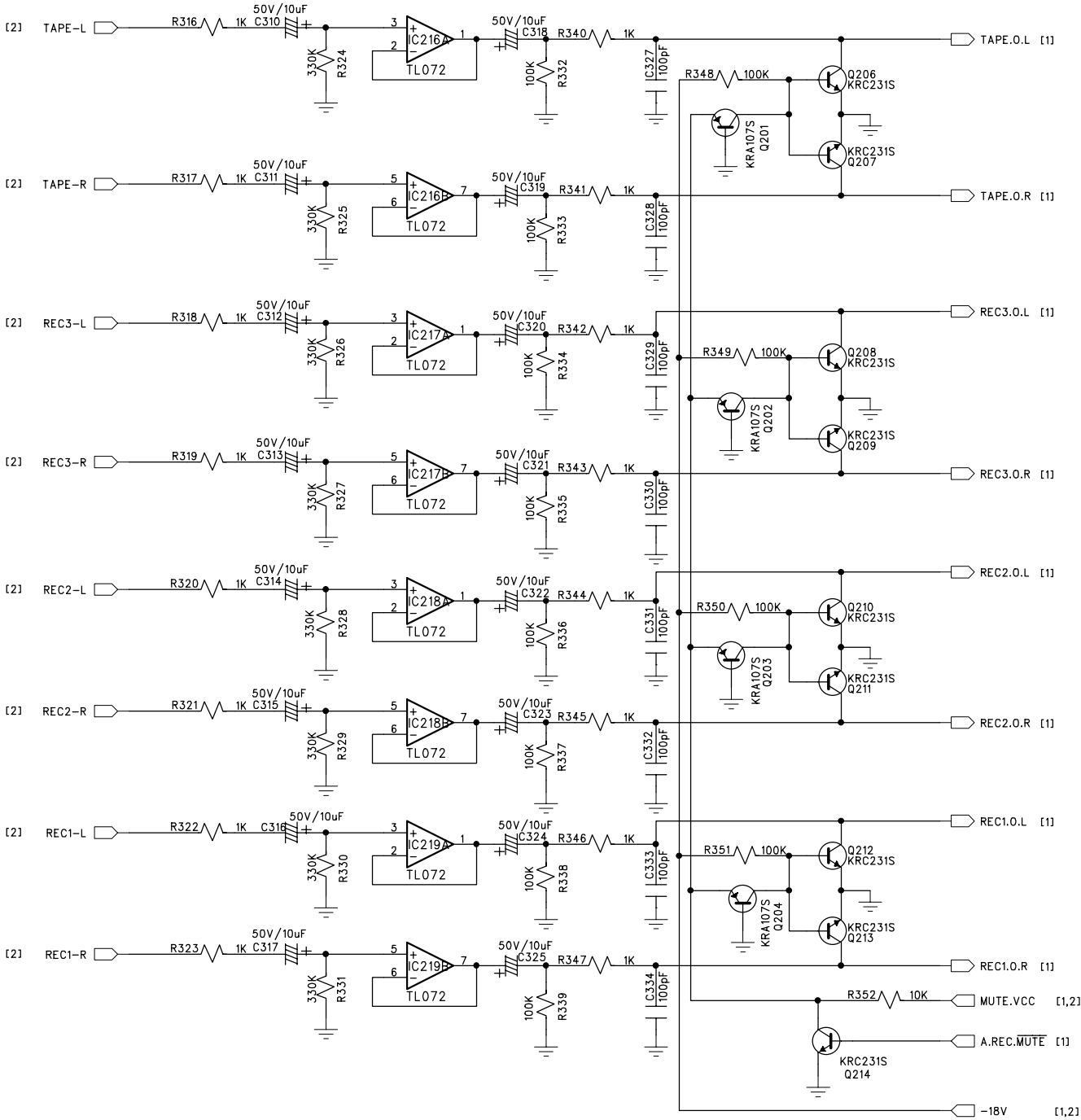
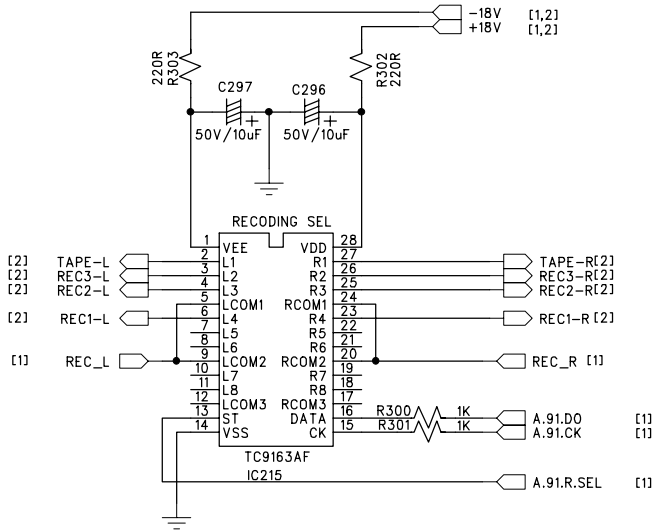
[CONTROL SECTION]

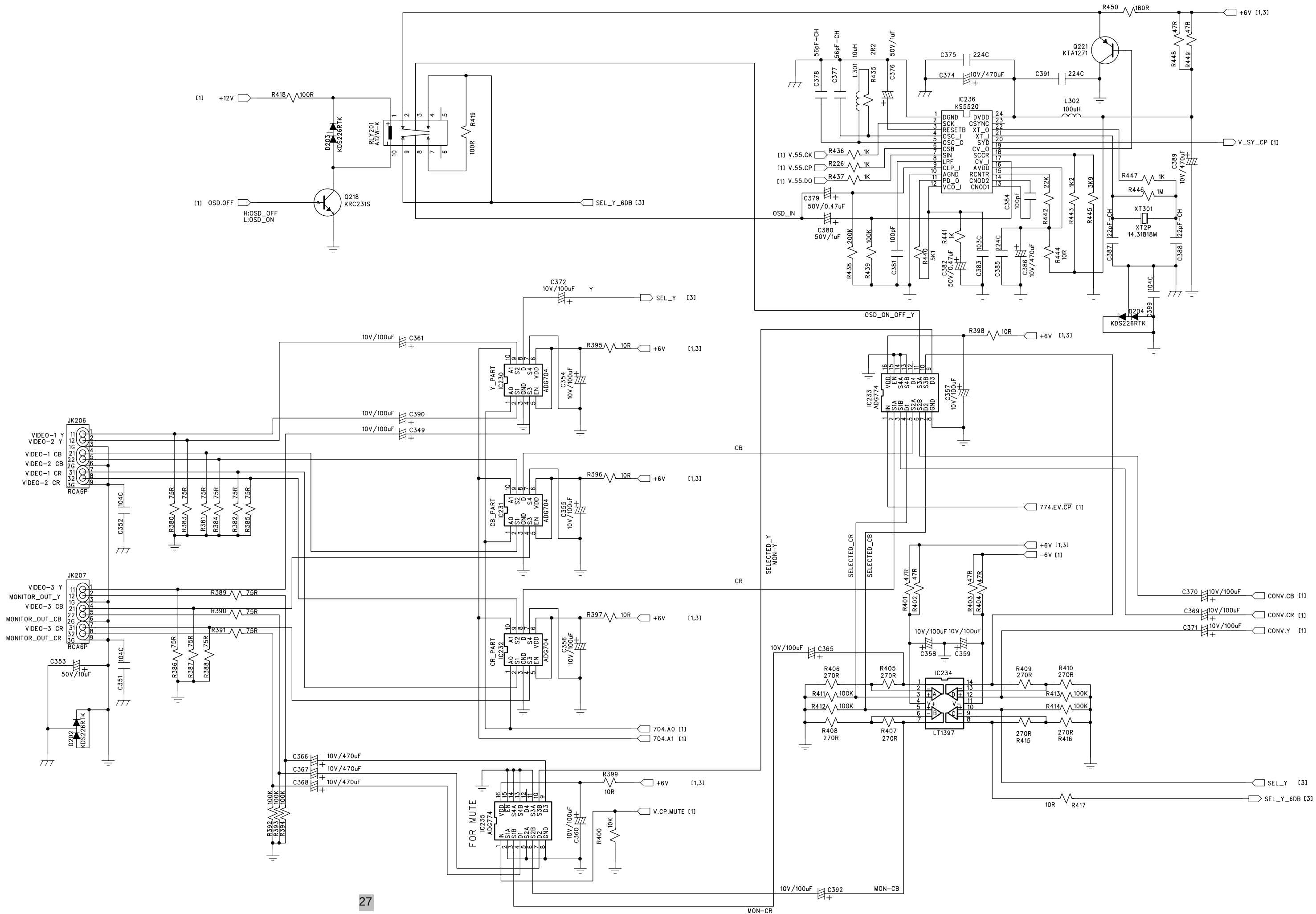


Input PCB (1/3) 016 X -1397C00

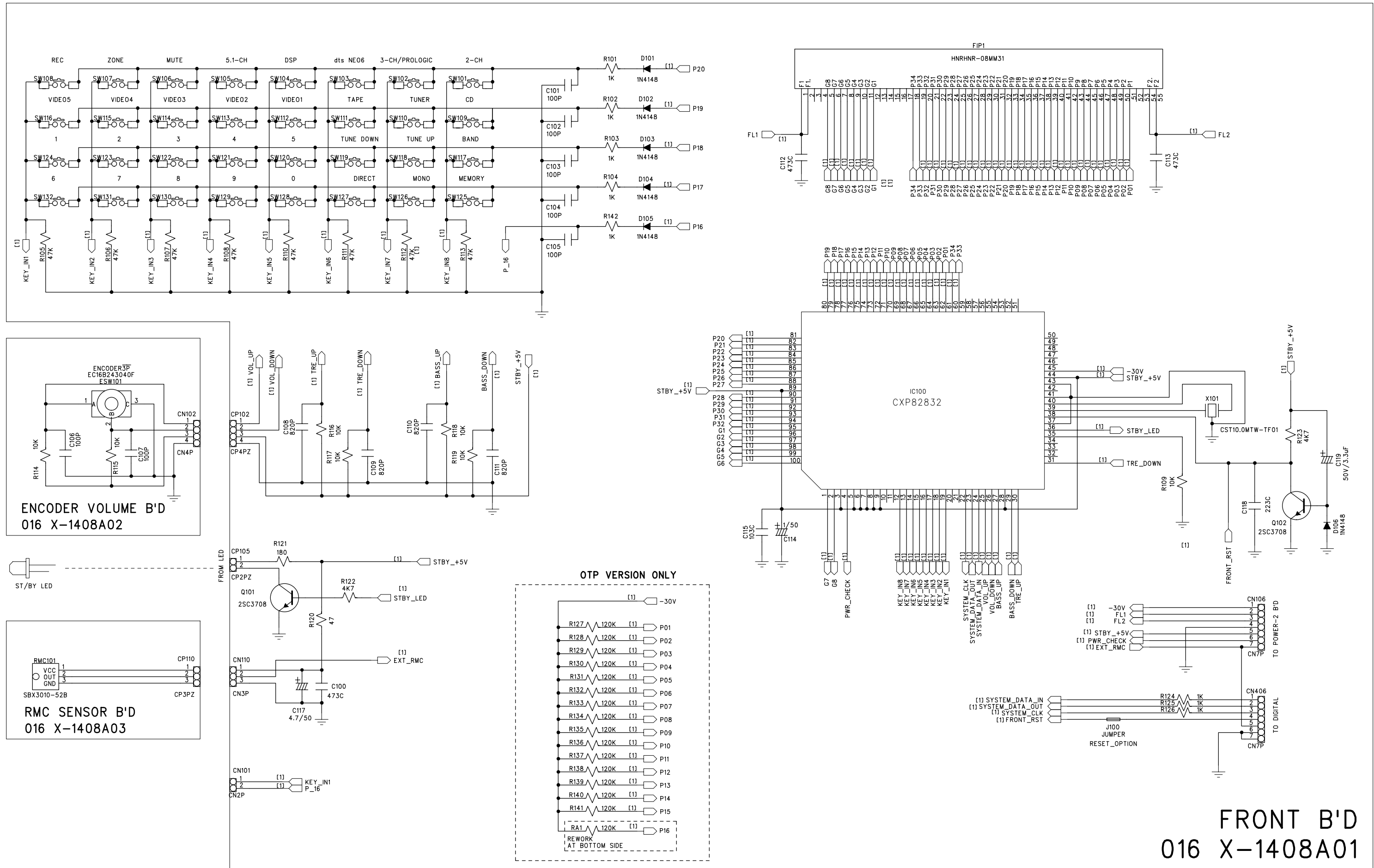


Input PCB (2/3) 016 X-1397C00



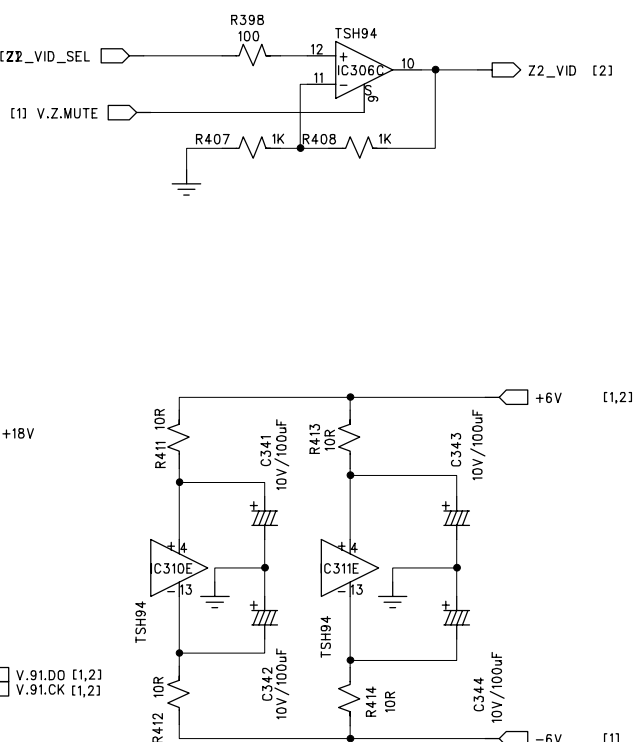
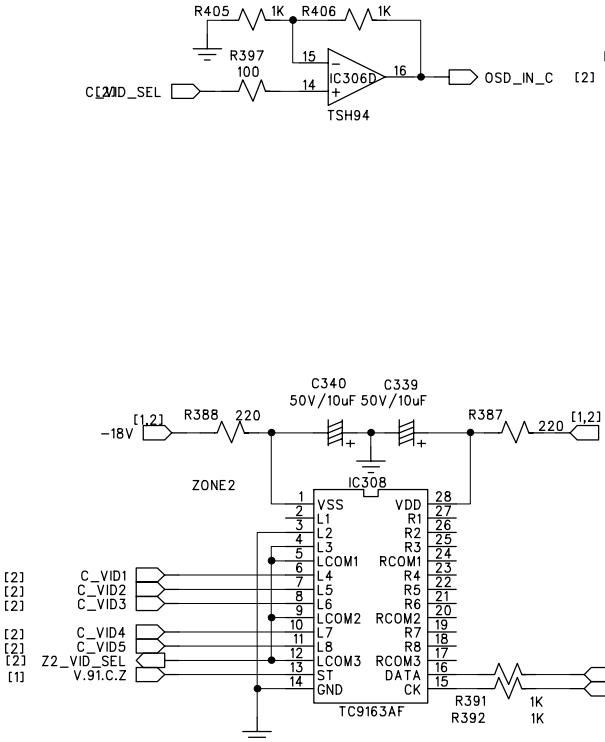
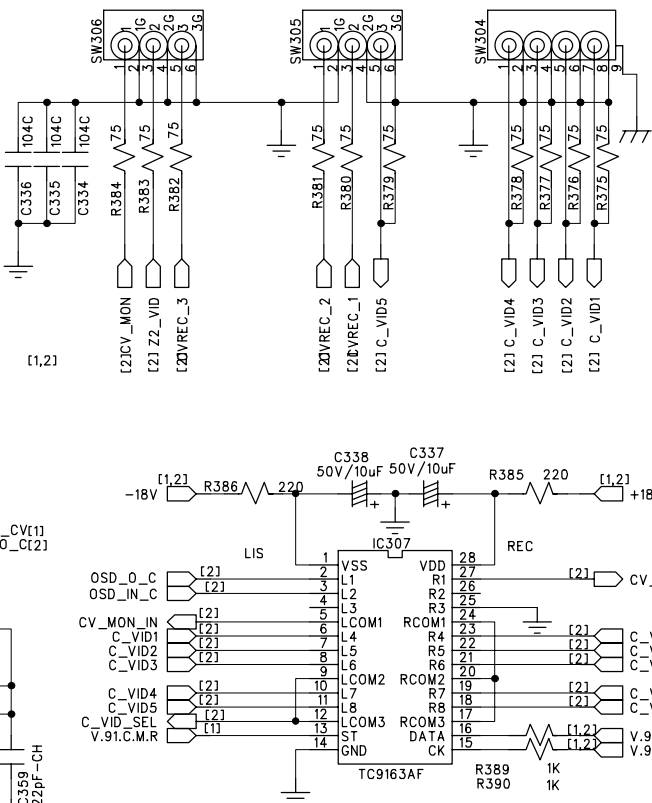
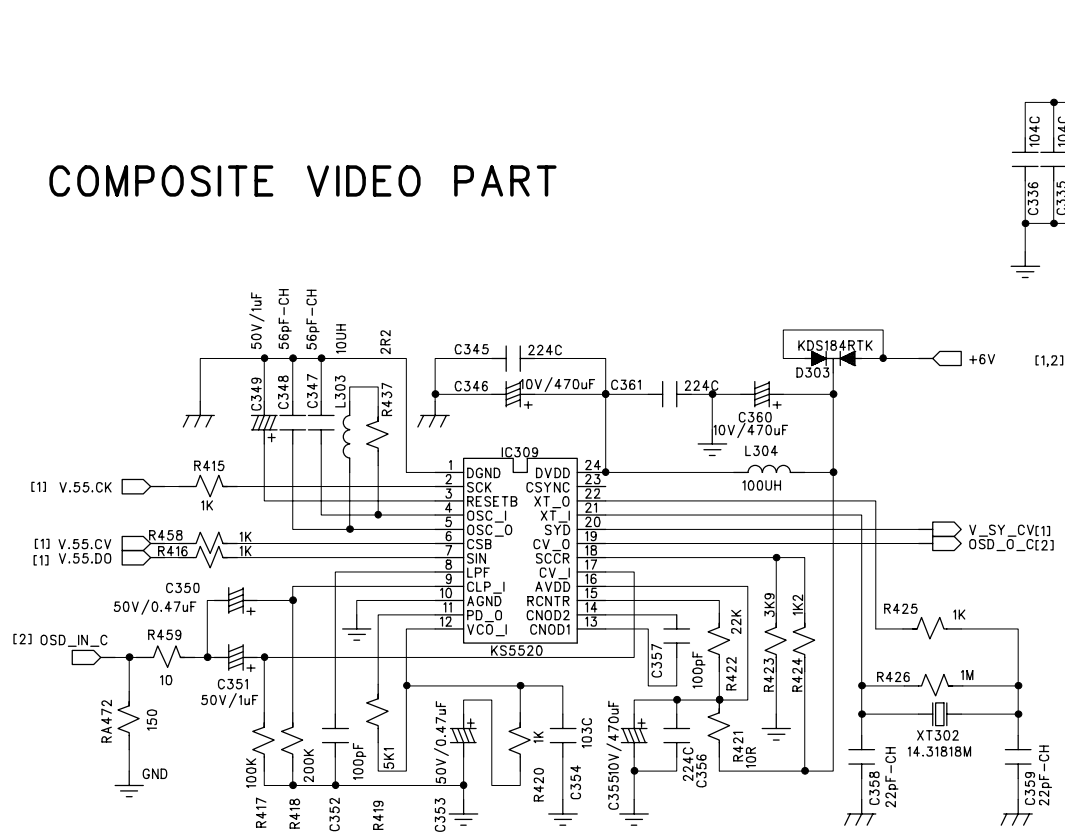


Front PCB 016X-1408A01-03

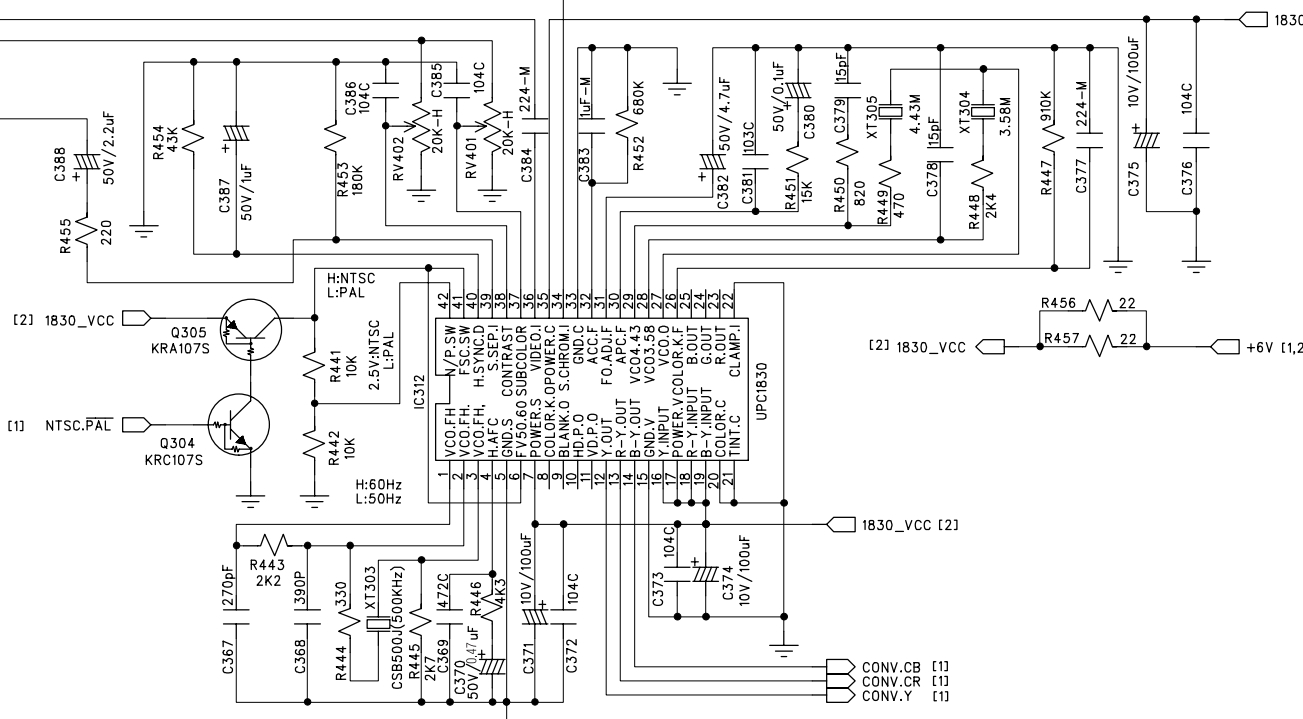
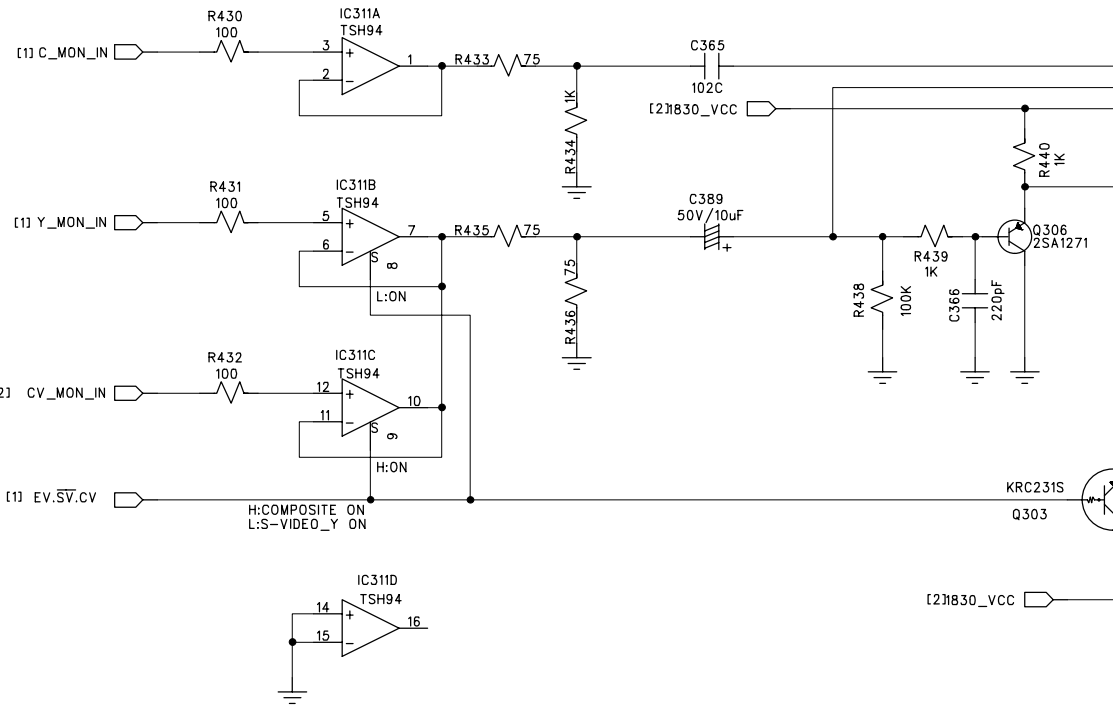
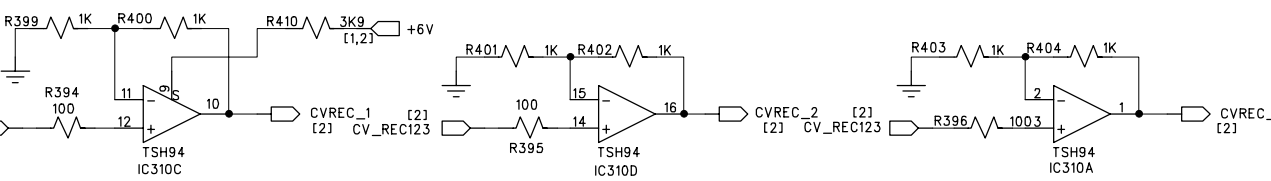
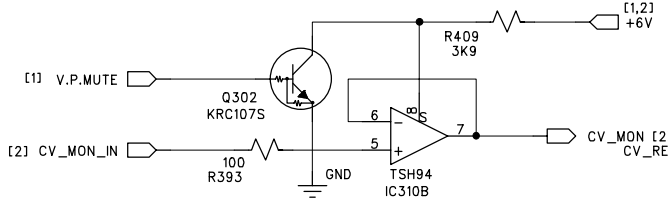


RSX-1067/56

COMPOSITE VIDEO PART



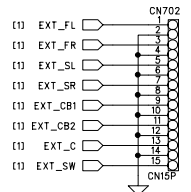
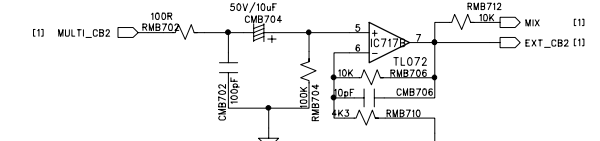
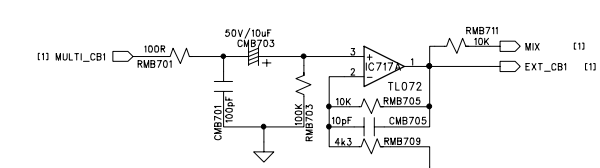
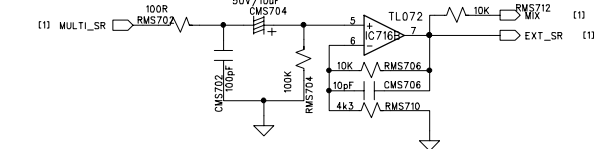
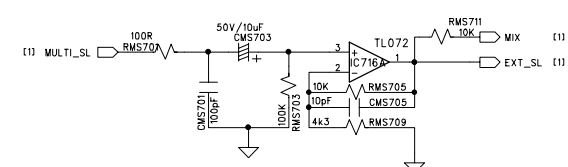
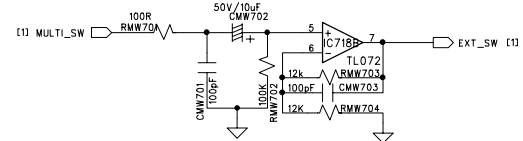
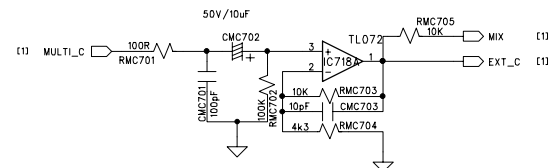
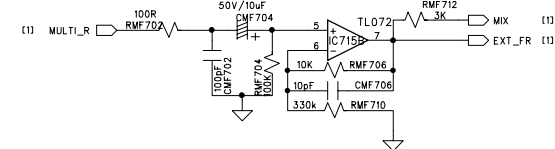
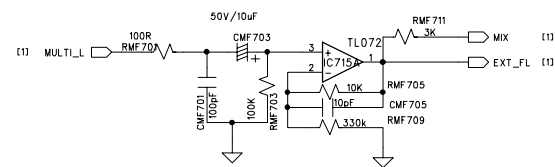
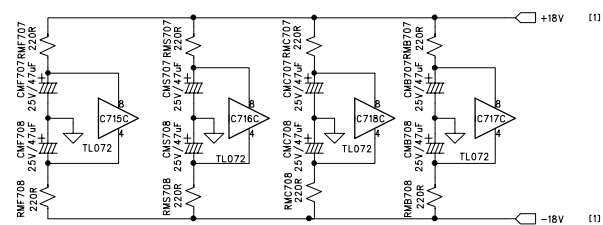
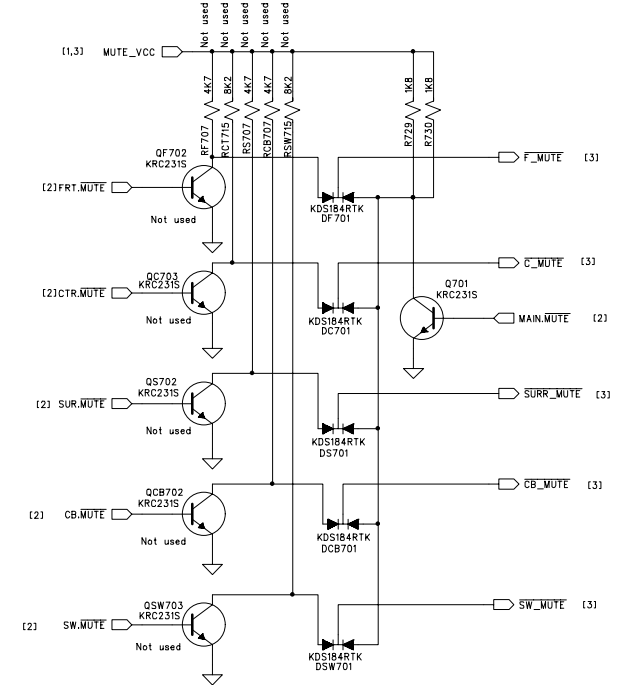
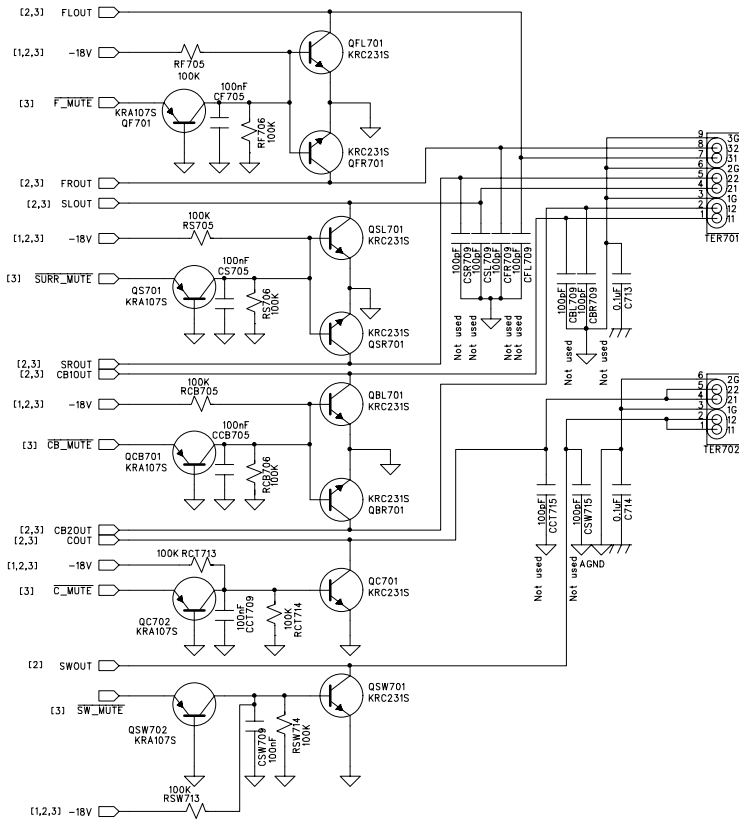
VIDEO CONVERT PARTS

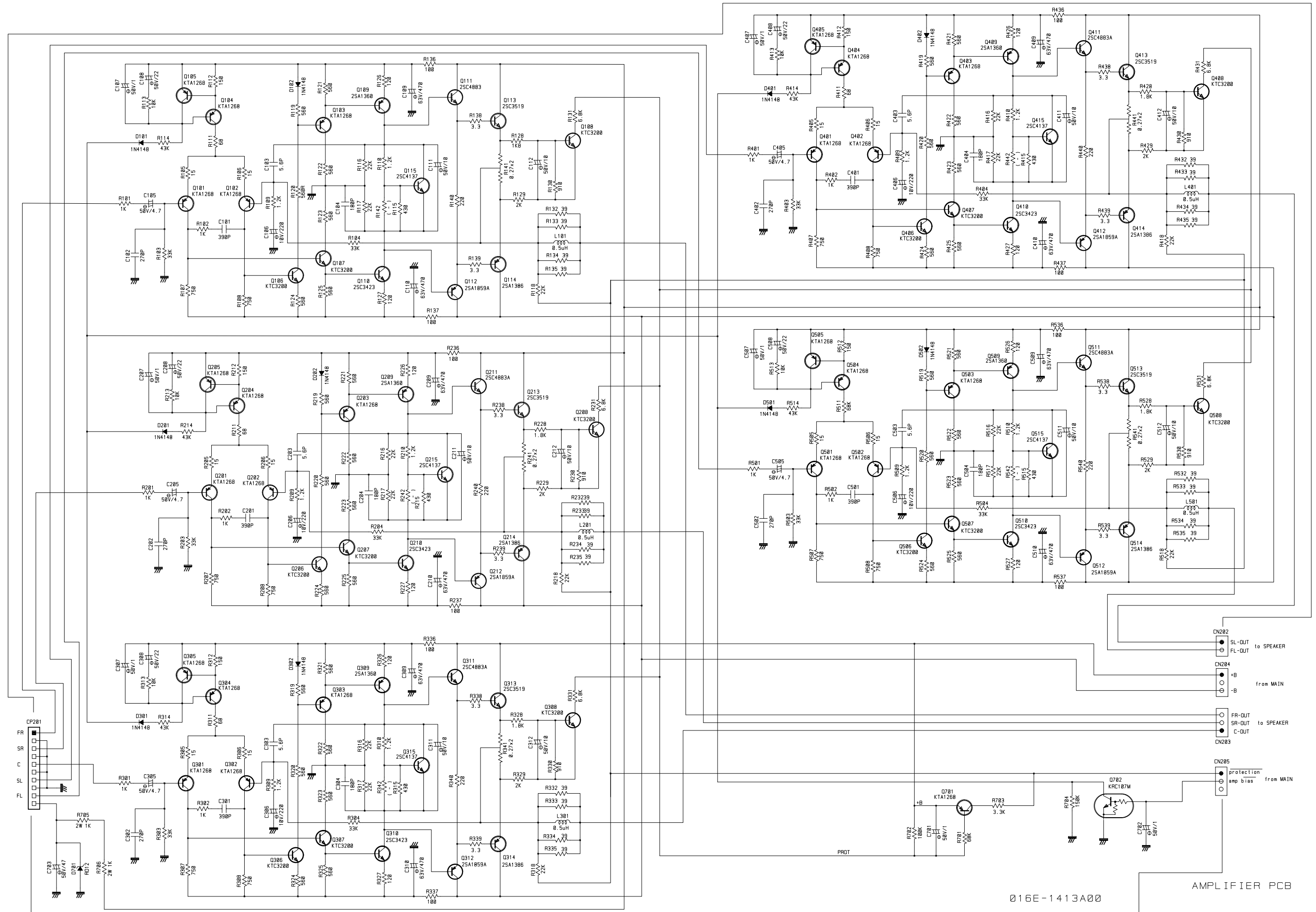


RSX-1067/56

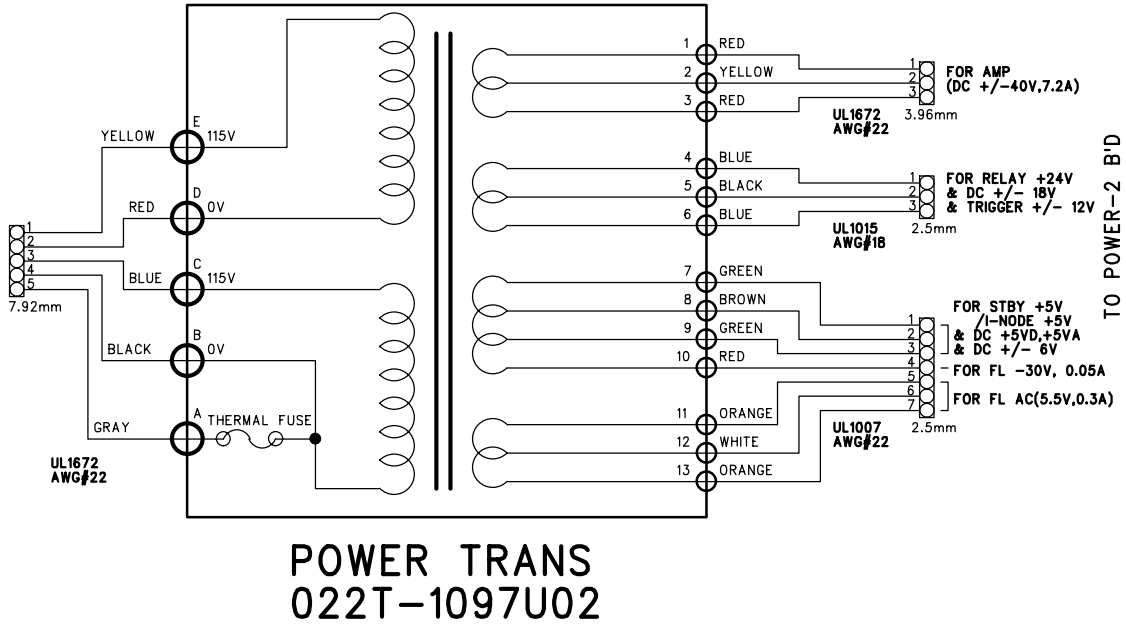
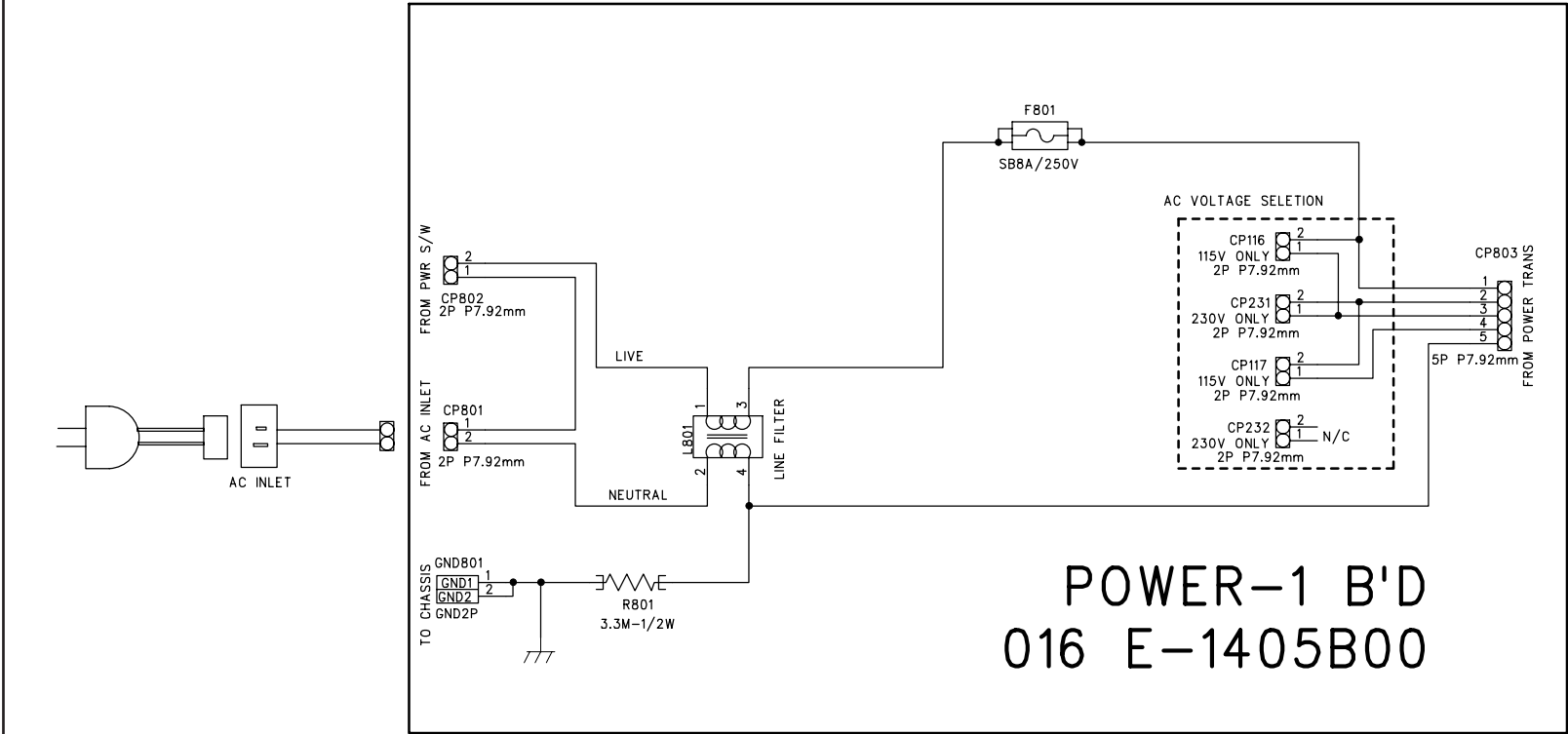
Schematic Diagram (8/14)



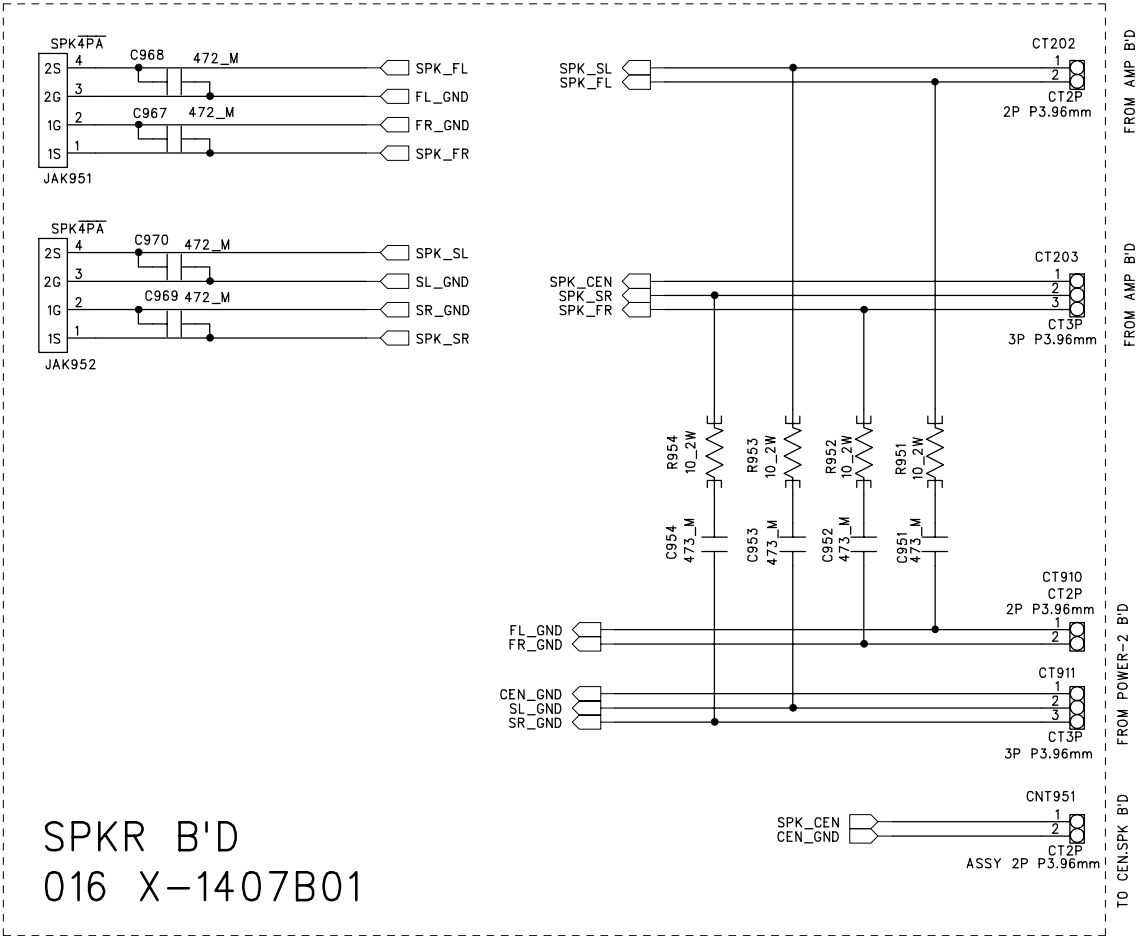
[illegible]



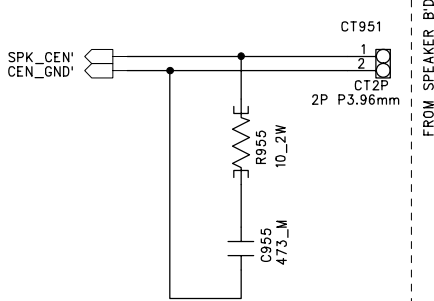
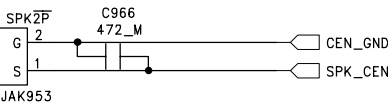
Power -1 PCB 016E-1405B00



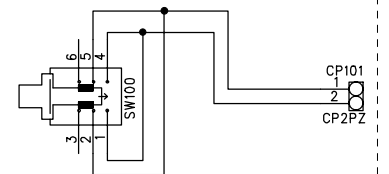
Terminal PCB 016X-1407B01-03



CEN SPEAKER B'D
016 X-1407B02



POWER SW B'D
016 X-1407B03



Tuner Module 092 MB114MA1-1B

