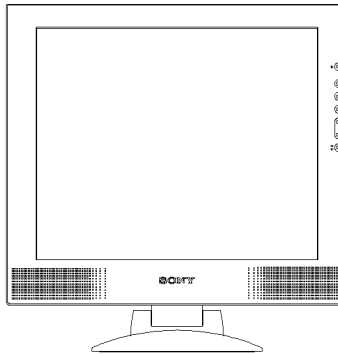


SDM-M61

SERVICE MANUAL

US Model
Canadian Model
AEP Model



SPECIFICATIONS

LCD panel	Panel type: a-Si TFT Active Matrix Picture size: 16.0 inch	Power requirements	100-240 V, 50-60 Hz, 0.7 - 0.35A
Input signal format	RGB operating frequency* Horizontal: 28-92 kHz Vertical: 48-85 Hz	Power consumption	Max. 35W
Resolution	Horizontal: Max. 1280 dots Vertical: Max. 1024 lines	Operating temperature	5-35 °C
Video input connector	Analog RGB: HD15 Digital/Analog RGB: DVI-I 29 pins	Dimensions (width/height/depth)	Display (upright): Approx. 400 x 357 x 180 mm (15¾ x 14⅞ x 7⅞ inches) (with stand)
Input signal levels	Analog RGB video signal: 0.7 Vp-p, 75Ω, positive SYNC signal: TTL level, 2.2kΩ, Positive or negative (Separate horizontal and vertical, or composite sync) 0.3 Vp-p, 75Ω, negative (Sync on green) Digital RGB video signal: TMDS (single link)	Mass	Approx. 400 x 318 x 57 mm (15¾ x 12⅝ x 2¼ inches) (without stand)
Audio output	1W x 2	Plug & Play	Approx. 5.4 kg (11 lb 14 oz) (with stand)
Headphones jack	Stereo minijack Accepts impedance of 16-48 Ω		DCC2B
Audio in jack	Stereo minijack x 2 Accepts impedance of 47 kΩ Accepts level 0.5 Vrms		

* Recommended horizontal and vertical timing condition

- Horizontal sync width duty should be more than 4.8% of total horizontal time or 0.8 μs, whichever is larger.
- Horizontal blanking width should be more than 2.5 μsec.
- Vertical blanking width should be more than 450μsec.

Design and specifications are subject to change without notice.

TFT LCD COLOR COMPUTER DISPLAY

SONY®

Power saving function

This monitor meets the power-saving guidelines set by VESA, ENERGY STAR, and NUTEK. If the monitor is connected to a computer or video graphics board that is DPMS (Display Power Management Signaling) compliant, the monitor will automatically reduce power consumption in three stages as shown below.

Power mode	Power consumption*	⏻ (power) indicator
normal operation	22 W (max.)	green
active off** (deep sleep)*	2 W (max.)	orange***
power off	2 W (max.)	off

* “deep sleep” is the power saving mode defined by the Environmental Protection Agency.

** When your computer enters the “active off” mode, the input signal is cut and NO INPUT SIGNAL appears on the screen. After 20 seconds, the monitor enters the power saving mode.

*** If the horizontal or vertical sync signal is received by the monitor, the power indicator may alternately blink green and orange.

Automatic picture quality adjustment function

When the monitor receives an input signal, it automatically matches the signal to one of the factory preset modes stored in the monitor’s memory to provide a high quality picture at the center of the screen. (See Appendix for a list of the factory preset modes.)

For input signals that do not match one of the factory preset modes, the automatic picture quality adjustment function of this monitor automatically adjusts the picture position, phase, and pitch, and ensures that a clear picture appears on the screen for any timing within the monitor’s frequency range (horizontal: 28 – 64 kHz, vertical: 48 – 75 Hz).

Consequently, the first time the monitor receives input signals that do not match one of the factory preset modes, the monitor may take a longer time than normal for displaying the picture on the screen. This adjustment data is automatically stored in memory so that next time, the monitor will function in the same way as when the monitor receives the signals that match one of the factory preset modes.

In all modes as above, if the picture is adjusted, the adjustment data is stored as a user mode and automatically recalled whenever the same input signal is received.

Note

While the automatic picture quality adjustment function is activated, only the ⏻ (power) switch will operate.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are “pinched” or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.

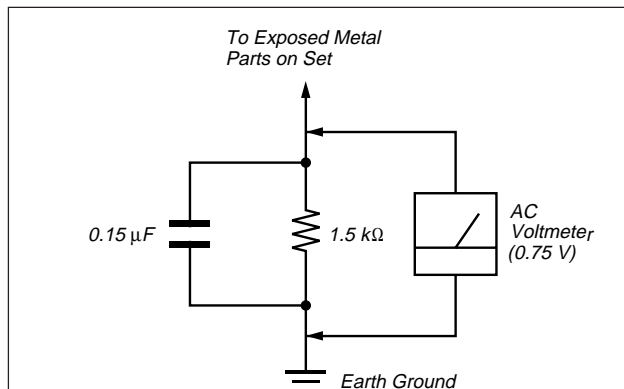


Fig. A. Using an AC voltmeter to check AC leakage.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers).

Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

WARNING!!

NEVER TURN ON THE POWER IN A CONDITION IN WHICH THE DEGAUSS COIL HAS BEEN REMOVED.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK \triangle ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

AVERTISSEMENT!!

NE JAMAIS METTRE SOUS TENSION QUAND LA BOBINE DE DEMAGNETISATION EST ENLEVÉE.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE \triangle SONT CRITIQUES POUR LA SÉCURITÉ. NE LES REMPLACER QUE PAR UNE PIÈCE PORTANT LE NUMÉRO SPECIFIÉ. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

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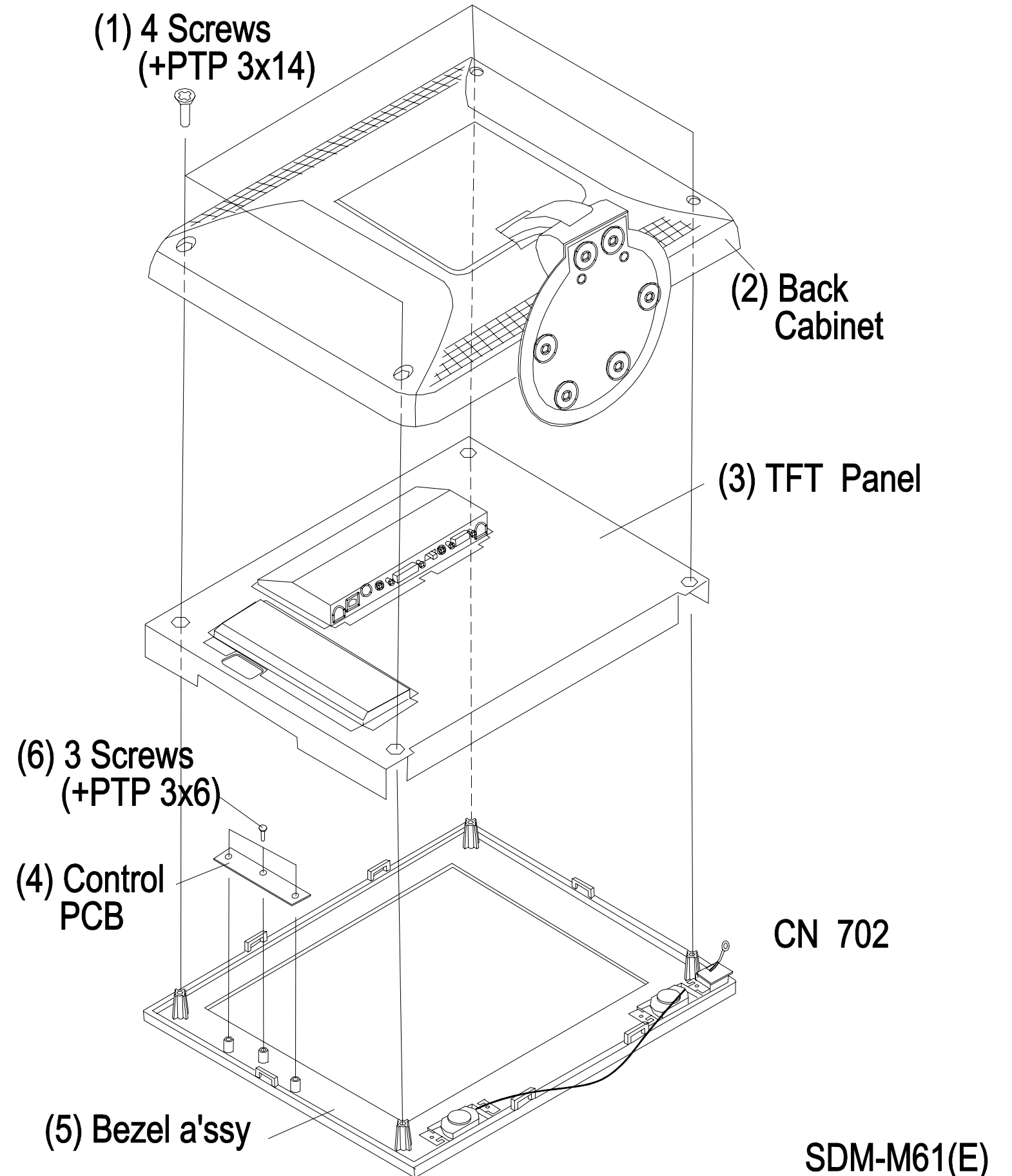
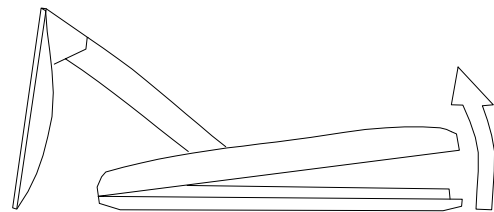
<u>Section</u>	<u>Title</u>	<u>Page</u>
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SECTION 1 DISASSEMBLY SDM-M61

1-1 BEZEL ASSY AND BACK CABINET REMOVAL

CAUTION:

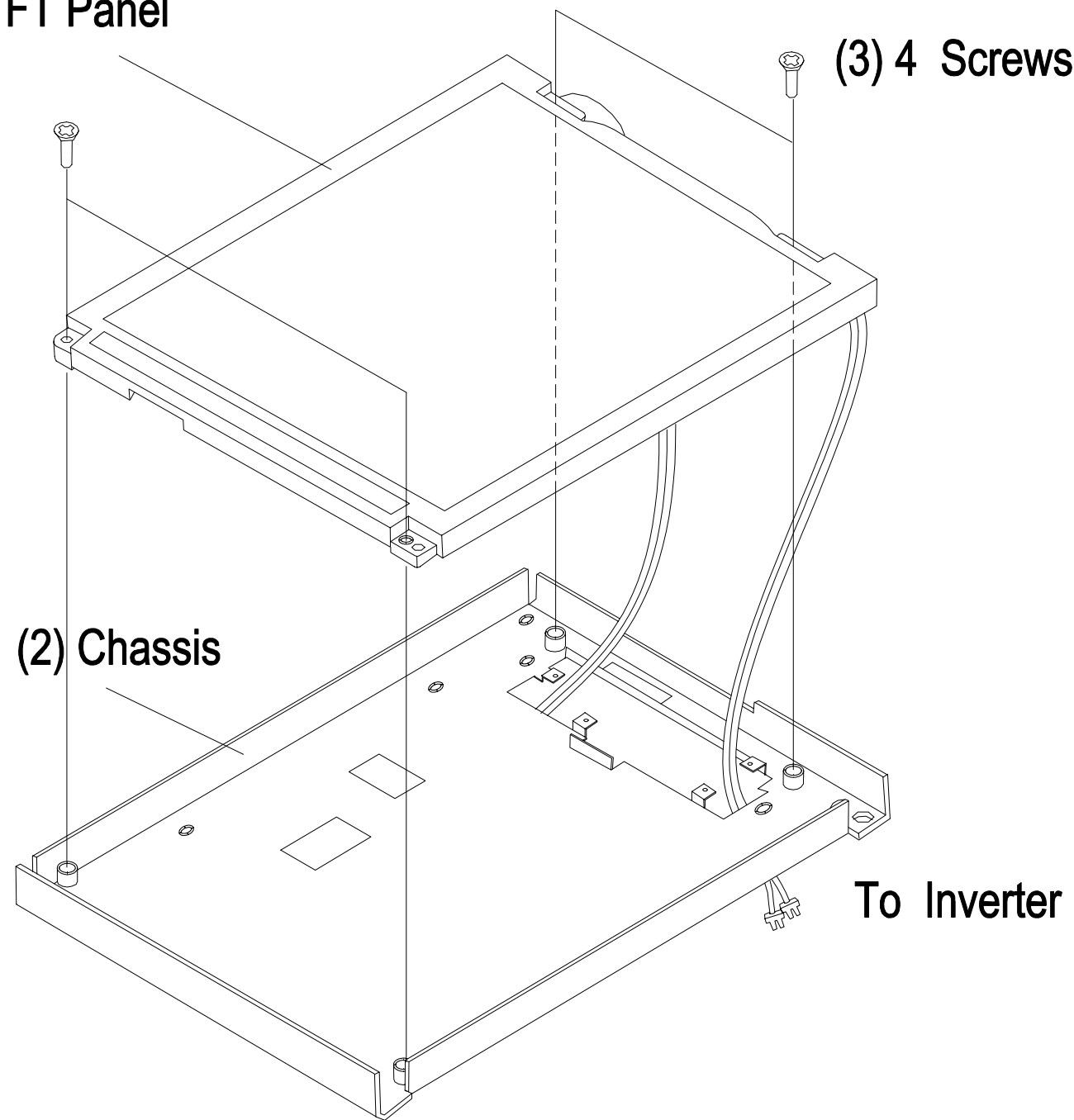
When remove the back cabinet, please open top side first in order not to interfere connector/switch and cabinet.



1-2 TFT PANEL AND CHASSIS REMOVAL

(1) TFT Panel

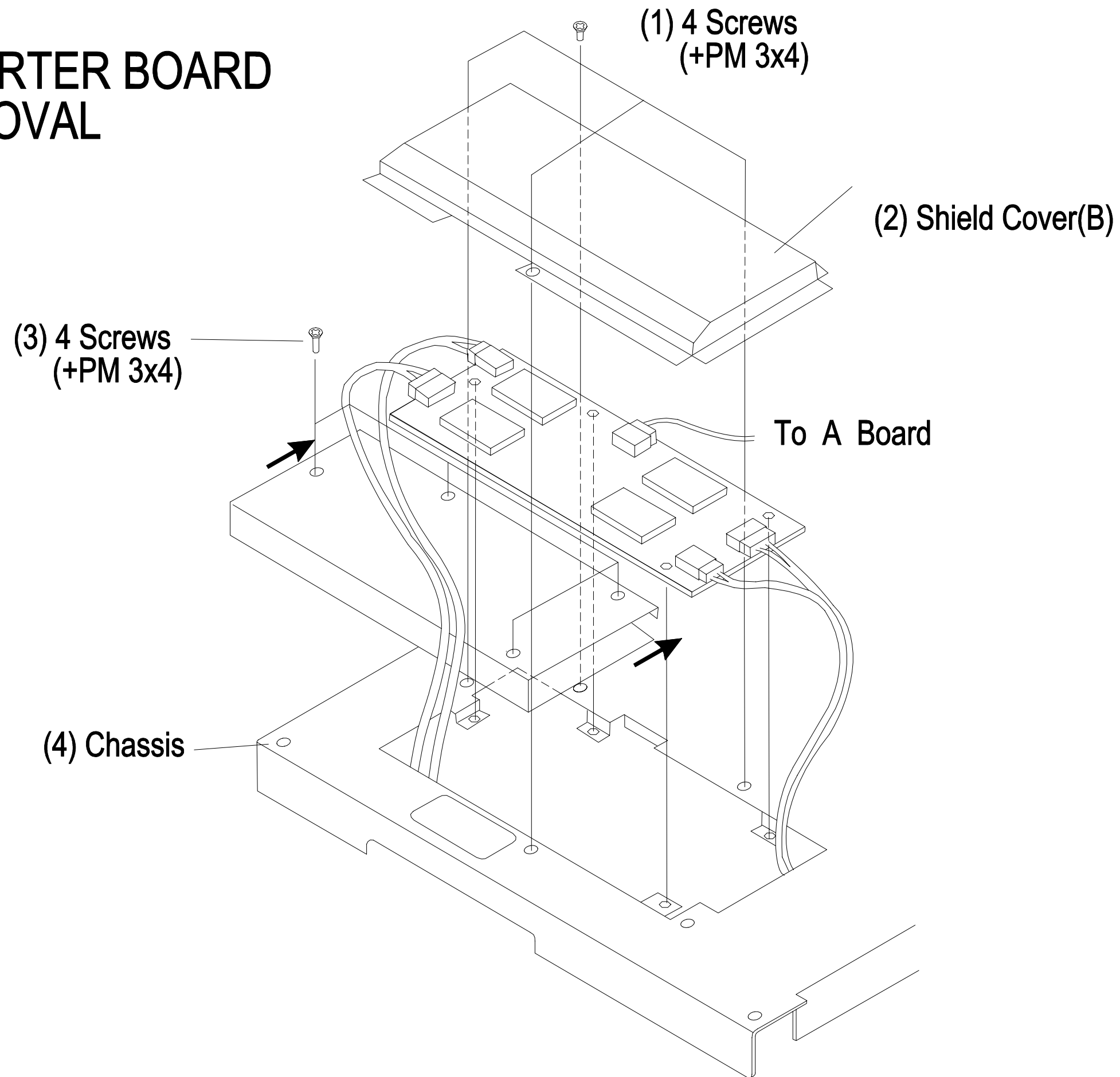
(3) 4 Screws (+PM 4x14)



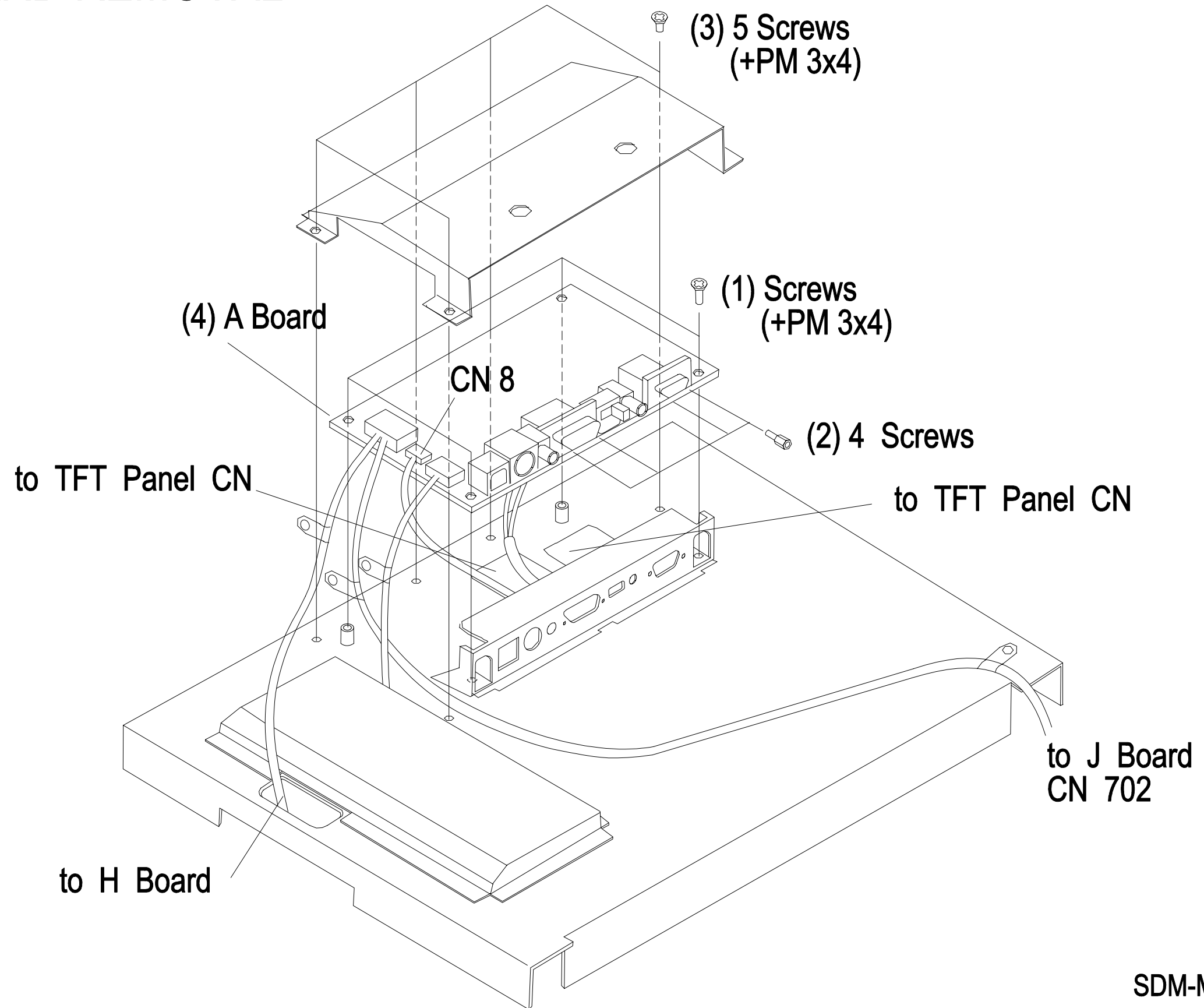
(2) Chassis

To Inverter

1-3 INVERTER BOARD REMOVAL



1-4 A BOARD REMOVAL



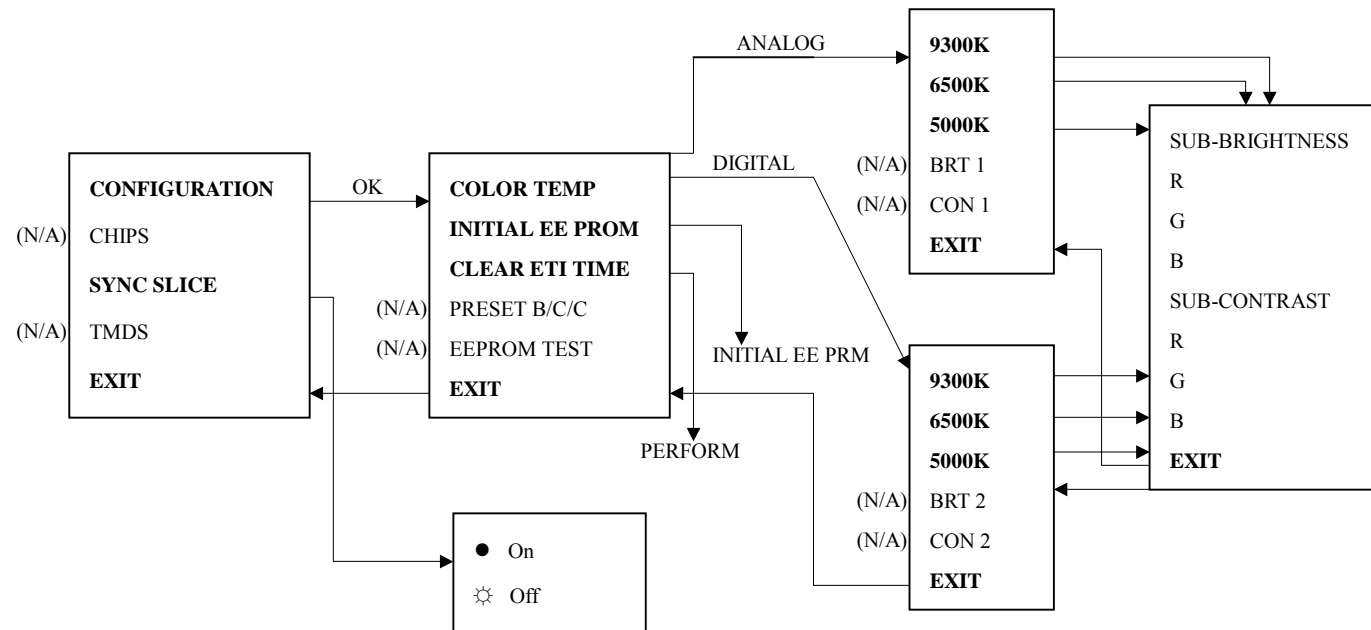
SECTION 2 ADJUSTMENTS

2-1. FUNCTIONAL ALIGNMENT (1)

• Procedures of how to go to service mode.

1. Hold “+” and “-” key power on, SDM-M61 goes into service mode.
2. Press “MENU” key-----ODS display.
3. Press “-” key to go to second page’s late icon.
4. Press “OK” key-----service menu display.
5. Select one of features.
6. Press “MENU” key to exit OSD.
7. Power OFF then ON again, monitor go to normal mode.

If you would like to enter service mode again, performing the above procedures cycle.



Note

1. N/A means “Not applied”.
2. This service menu only provides both Configuration & Sync slice functions.
This other were used for design engineering. There is no guarantee of using those N/A functions.

2-2. FUNCTIONAL ALIGNMENT (2)

This paper documents the functional alignment (Used Color meter) procedure of Sony LCD monitor SDM-M61.

• Equipment

Computer: PC workstation with Windows 95
Installed PS/2 mouse is required
Software: KSi Engineering alignment software tool
Color meter: Option
Signal generator: Option
Cable: Special RS232 interface cable

• Setup

1. Copy ECS software <ALIGN.EXE> into a new PC directory.
2. Prepare timing & pattern data for signal generator according to Sony's timing specifications.
3. Prepare timing files for <ALIGN.EXE>.
4. Connect monitor interface cable between flat panel monitor and PC com port.
5. Connect monitor video cable to signal generator.
6. Put Topcon 50cm from the monitor; Point it perpendicularly at the center of the display; Achieve the best focus through the eyepiece.
7. Enclose the monitor and Topcon in a light-shield chamber.
8. Set up [SERVICE MODE] of the monitor.

• Download

In order to enhance productivity, a software utility is provided to download default data to LCD monitor. The default data includes color balance data and geometry timing data.

• Operation

1. Execute software <ALIGN.EXE>.
2. Click on 'Setup' menu.
3. Select 'Monitor' type as 'Sony SDM-M61'.
4. Select 'COM PORT' according to hardware connection.
5. Click <OK> to save the new setup configuration.
6. Quit this application and Re-enter to make the new settings effective.

• On Screen Adjustment

1. Click on the 'Monitor' icon; an virtual monitor panel would show up.
2. On entry, the software tries to establish a communication link with the monitor. The monitor internal DACs are read and shown on screen sliders. A 'CONNECT' icon would show up on the lower left corner of the dialog screen.
3. An error message would pop up should communication fail. A 'BREAK' icon would show up on the dialog screen. If this happens, check the hardware setup, communication cable, and the connection.

• Warm up time

Allow 30 minutes warm up time before doing any adjustment.

• Color Adjustment

1. 9300K color adjustment
--Center adjustment--
 - a. Click 'Color Temperature' as '9300'.
 - b. Apply 40% IRE white video field, primary mode.
 - c. Make sure 'backlight' register data is 0 (100%).

d. Click 'Refresh'.

Refer to table 1 for default data for color adjustment.

- e. Adjust 'sub_brt_B' to achieve color temperature. Refer to table 2 for specification.
- f. Click 'Save this color' for a 9300K color save.

2. 5000K color adjustment

- a. Click 'Color Temperature' as '5000'.
- b. Repeat alignment procedure as 9300 steps b-f.

3. 6500K color adjustment

- a. Click 'Color Temperature' as '6500'.
- b. Repeat alignment procedure as 9300 steps b-f.

• Geometry Adjustment

1. Connect the personal computer which has alignment data.
2. Click 'Refresh' (inside Geometry Register Box).
3. Adjust 'Pitch' for optimum screen performance.
4. Adjust 'Phase' for optimum screen performance.
5. Adjust 'H position' to make the screen center horizontally.
6. Adjust 'V position' to make the screen center vertically.
7. Repeat steps 3-6 for best picture performance.
8. Click 'Save Geometry' to perform a user timing mode save.
9. Repeat step 1-7 for each of the user present timings.

SDM-M61(E)

2-3. Table 1 & 2

Table 1: Default data for analog color adjustment

Color	9300K	6500K	5000K
Brightness (G)	30	30	30
Contrast (G)	140	140	140
Sub-Brt-R	204	218	230
Sub-Brt-B	248	212	182
Sub-Brt-G	200	200	200
Sub-Cont-R	70	70	70
Sub-Cont-B	70	70	70
Sub-Cont-G	70	70	70

Table 2: Specifications for color adjustment

Color	x	y	Y (40% IRE)
9300	283	298	35
6500	314	328	35
5000	345	358	35
Tole	10	10	10

Y: Luminance measurements are in cd/m^2

2-4. TIMING SPECIFICATION

PRESET MODE	MODE 1	MODE 2	MODE 3	MODE 4	MODE 5	MODE 6	MODE 7	MODE 8	MODE 9	MODE 10	MODE 11
SIGNAL MODE	VESA 60Hz	MAC 13"	VESA 75Hz	VESA 85Hz	VESA 70Hz	VESA 60Hz	VESA 75Hz	VESA 85Hz	PMAC 16"	VESA 60Hz	VESA 70Hz
RESOLUTION	640 X 480	640 X 480	640 X 480	640 X 480	720 X 400	800 X 600	800 X 600	800 X 600	832 X 624	1024 X 768	1024 X 768
DOT CLOCK	25.175 MHz	30.240 MHz	31.500 MHz	36.000 MHz	28.350 MHz	40.000 MHz	49.500 MHz	56.250 MHz	57.285 MHz	65.000 MHz	75.000 MHz
HORIZONTAL	usec	usec	usec	usec	usec	usec	usec	usec	usec	usec	usec
H. TOATL	31.778	28.571	26.667	23.111	31.746	26.400	21.333	18.631	20.110	20.677	17.707
H. SYNC	3.813	2.116	2.032	1.556	2.540	3.200	1.616	1.138	1.117	2.092	1.813
H. BP	1.907	3.175	3.810	2.222	3.175	2.200	3.232	2.702	3.910	2.462	1.920
H. ACTIV	25.422	21.164	20.317	17.778	25.397	20.000	16.162	14.222	14.524	15.754	13.653
VERTICAL	msec	msec	msec	msec	msec	msec	msec	msec	msec	msec	msec
V. TOTAL	16.683	15.000	13.333	11.764	14.254	16.579	13.333	11.756	13.413	16.666	14.272
V. SYNC	0.064	0.086	0.080	0.069	0.095	0.106	0.064	0.056	0.060	0.124	0.106
V. BP	1.049	1.114	0.427	0.578	1.079	0.607	0.448	0.503	0.744	0.600	0.513
V. ACTIV	15.253	13.714	12.800	11.093	12.698	15.840	12.800	11.179	12.549	15.880	13.599
H/V POLARITY	N/N	N/N	N/N	N/N	N/P	P/P	P/P	P/P	N/N	N/N	N/N

PRESET MODE	MODE 12	MODE 13	MODE 14	MODE 15	MODE 16	MODE 17	MODE 18	MODE 19	MODE 20	MODE 21	MODE 22
SIGNAL MODE	VESA 75Hz	VESA 85Hz	PMAC 19"	MAC	WS	WS	VESA 60Hz	VESA 85Hz	VESA 60Hz	VESA 75Hz	VESA 85Hz
RESOLUTION	1024 X 768	1024 X 768	1024 X 768	1152 X 870	1152 X 900	1152 X 900	1280 X 960	1280 X 960	1280 X 1024	1280 X 1024	1280 X 1024
DOT CLOCK	78.750 MHz	94.500 MHz	80.000 MHz	100.000MHz	92.940 MHz	105.590 MHz	108.000 MHz	148.500 MHz	108.000	135.000	157.500
HORIZONTAL	usec	usec	usec	usec	usec	usec	usec	usec	usec	usec	usec
H. TOATL	16.660	14.561	16.600	14.560	16.182	13.941	16.667	11.636	15.630	12.504	10.971
H. SYNC	1.219	1.016	1.200	1.280	1.377	0.909	1.037	1.077	1.037	1.067	1.016
H. BP	2.235	2.201	2.200	1.440	2.087	1.970	2.889	1.508	2.296	1.837	1.422
H. ACTIV	13.003	10.836	12.800	11.520	12.395	10.910	11.852	8.620	11.852	9.481	8.127
VERTICAL	msec	msec	msec	msec	msec	msec	msec	msec	msec	msec	msec
V. TOTAL	13.328	11.765	13.346	13.322	15.163	13.146	16.667	11.764	16.661	13.329	11.761
V. SYNC	0.050	0.044	0.050	0.044	0.065	0.112	0.050	0.035	0.047	0.038	0.033
V. BP	0.466	0.524	0.498	0.568	0.502	0.460	0.600	0.547	0.594	0.475	0.483
V. ACTIV	12.795	11.183	12.749	12.667	14.564	12.547	16.000	11.171	16.005	12.804	11.235
H/V POLARITY	P/P	P/P	N/N	N/N	N/N	N/N	P/P	P/P	P/P	P/P	P/P

SECTION 3 SCHEMATIC DIAGRAMS

NOTE:

*All capacitors are in uF unless otherwise noted.(pF:uuF)

Capacitors without voltage indication are all 50V.

*Indication of resistance, which does not have one for rating electrical power, is as follows.


Chip resistor type 0603 1/16W

*All resistors are in ohms.

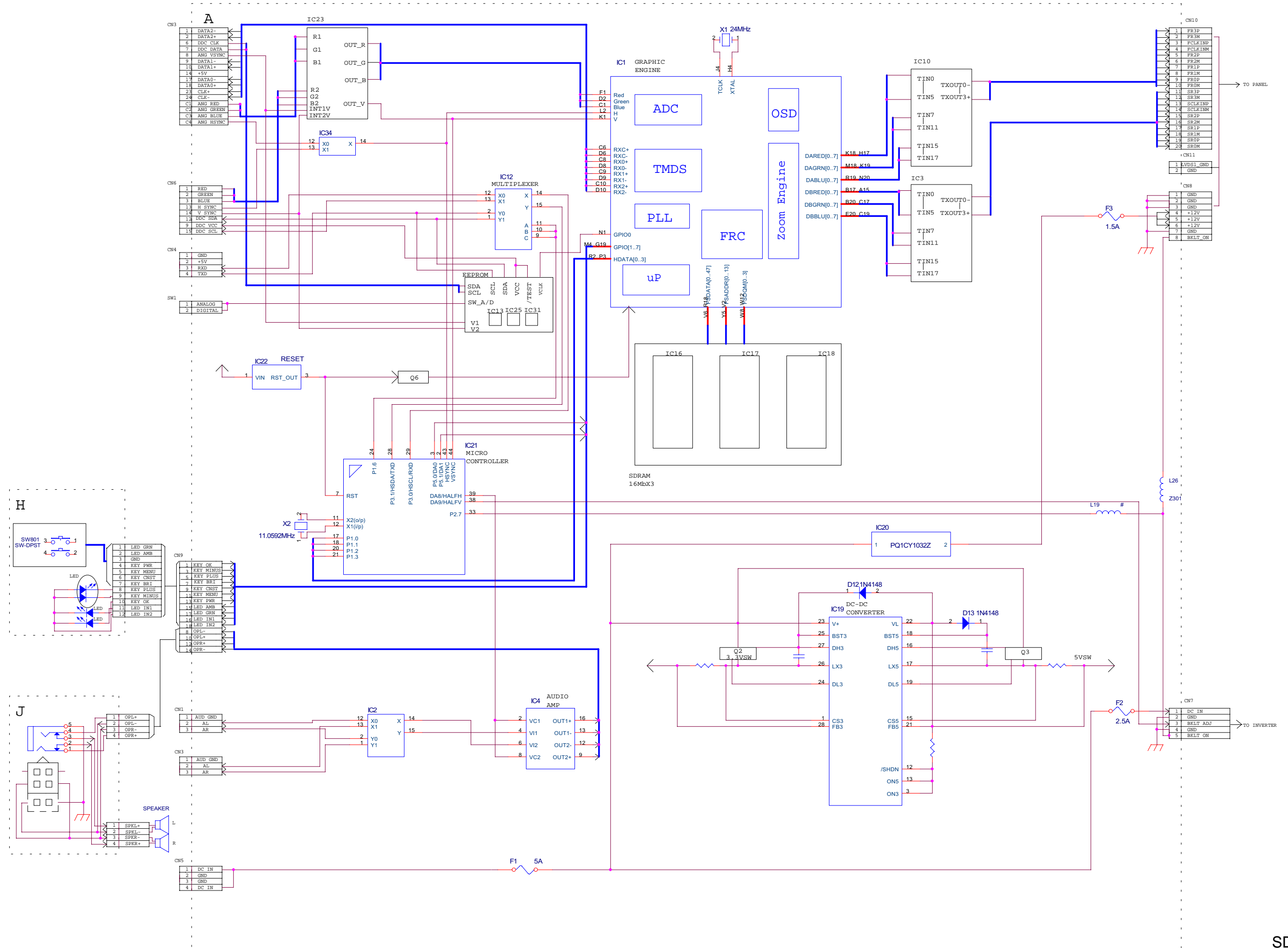
*Resistors with # mark are not mounted.

*The circuit diagram of the A mount is splitted to 6 sheets.(A-a,A-b,>>A-e)

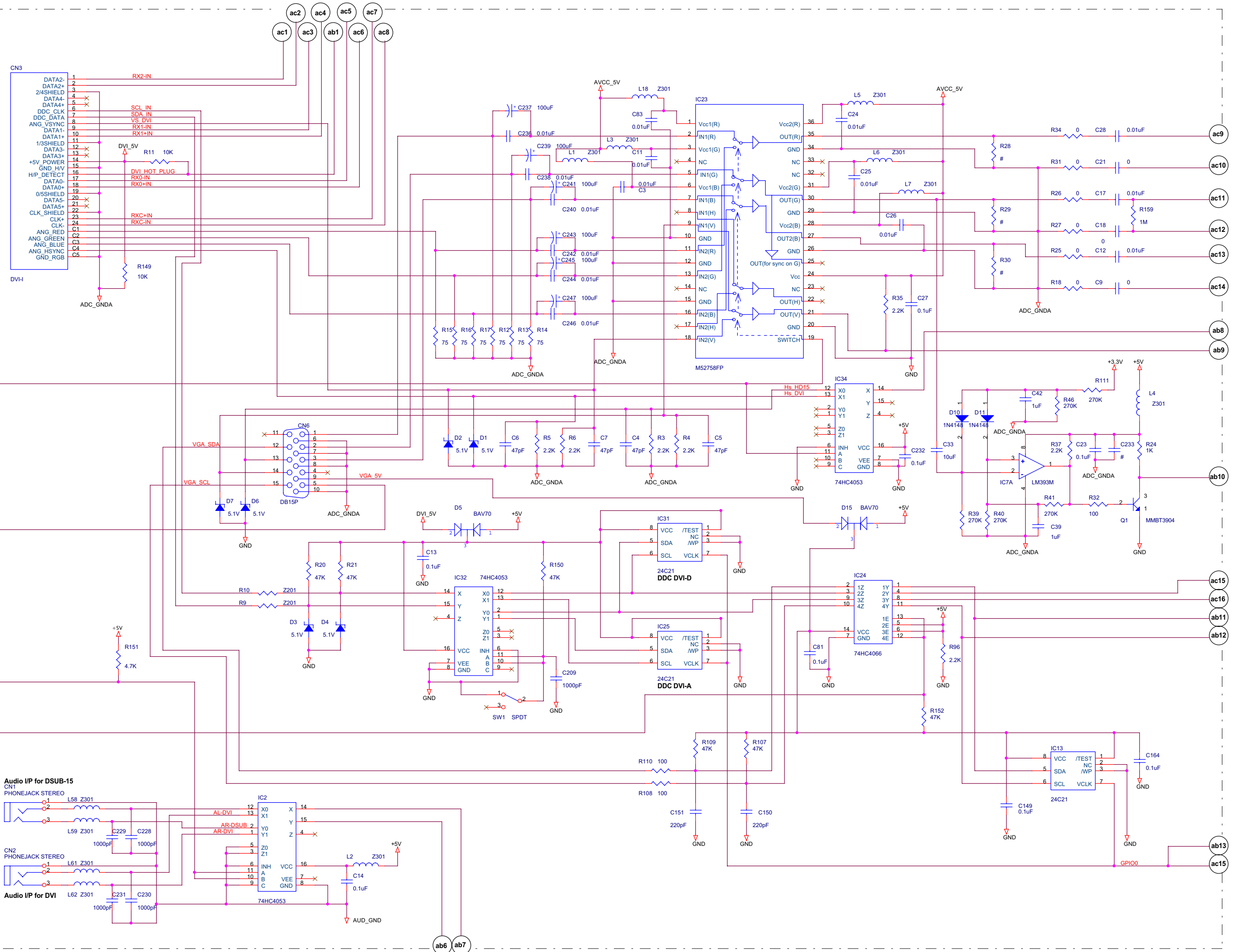
*Circled number shown at edge of each circuit diagrams indicate connections between different sheets.

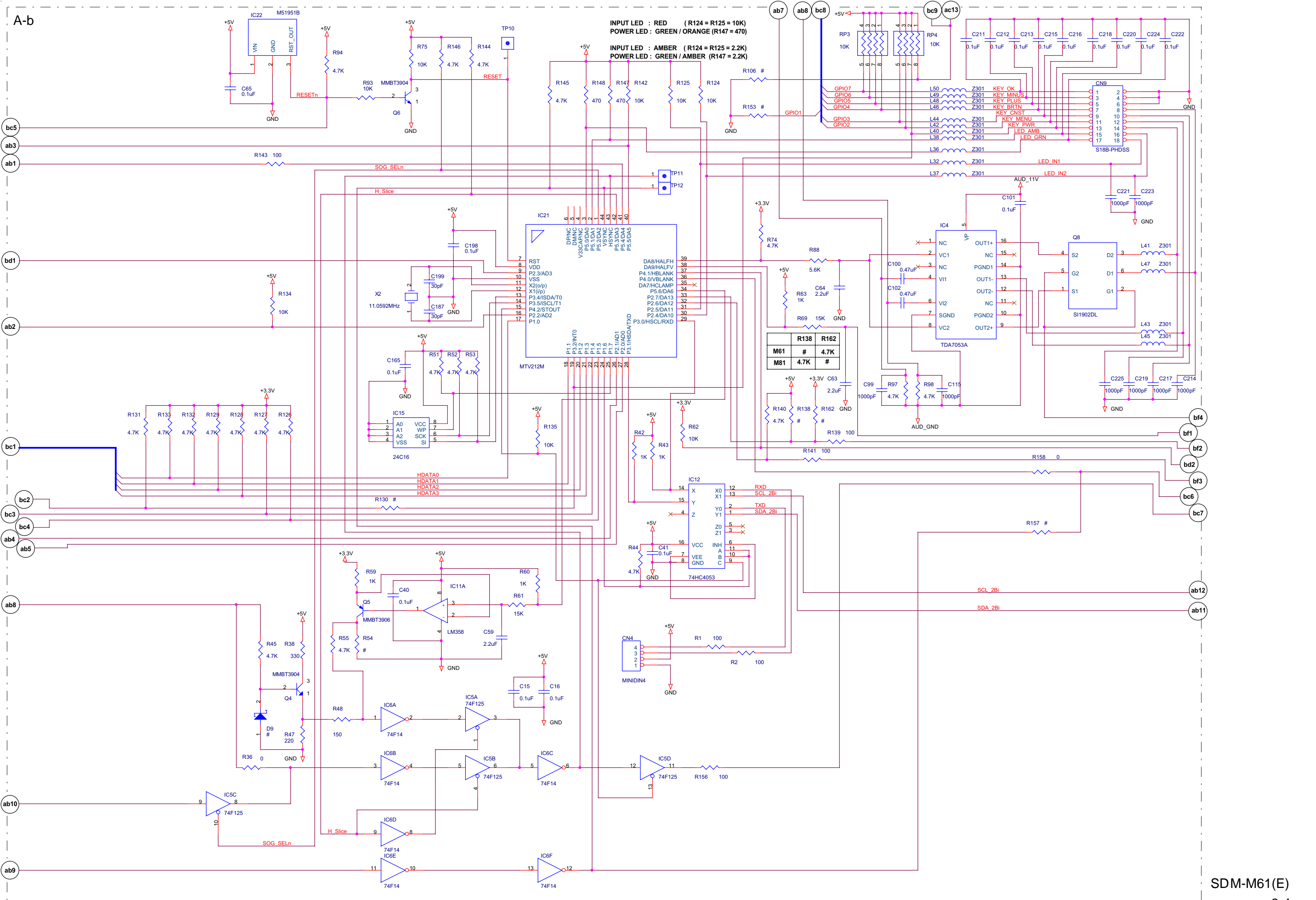
(Example;  indicate connection between same marking points of sheet A-a and A-b)

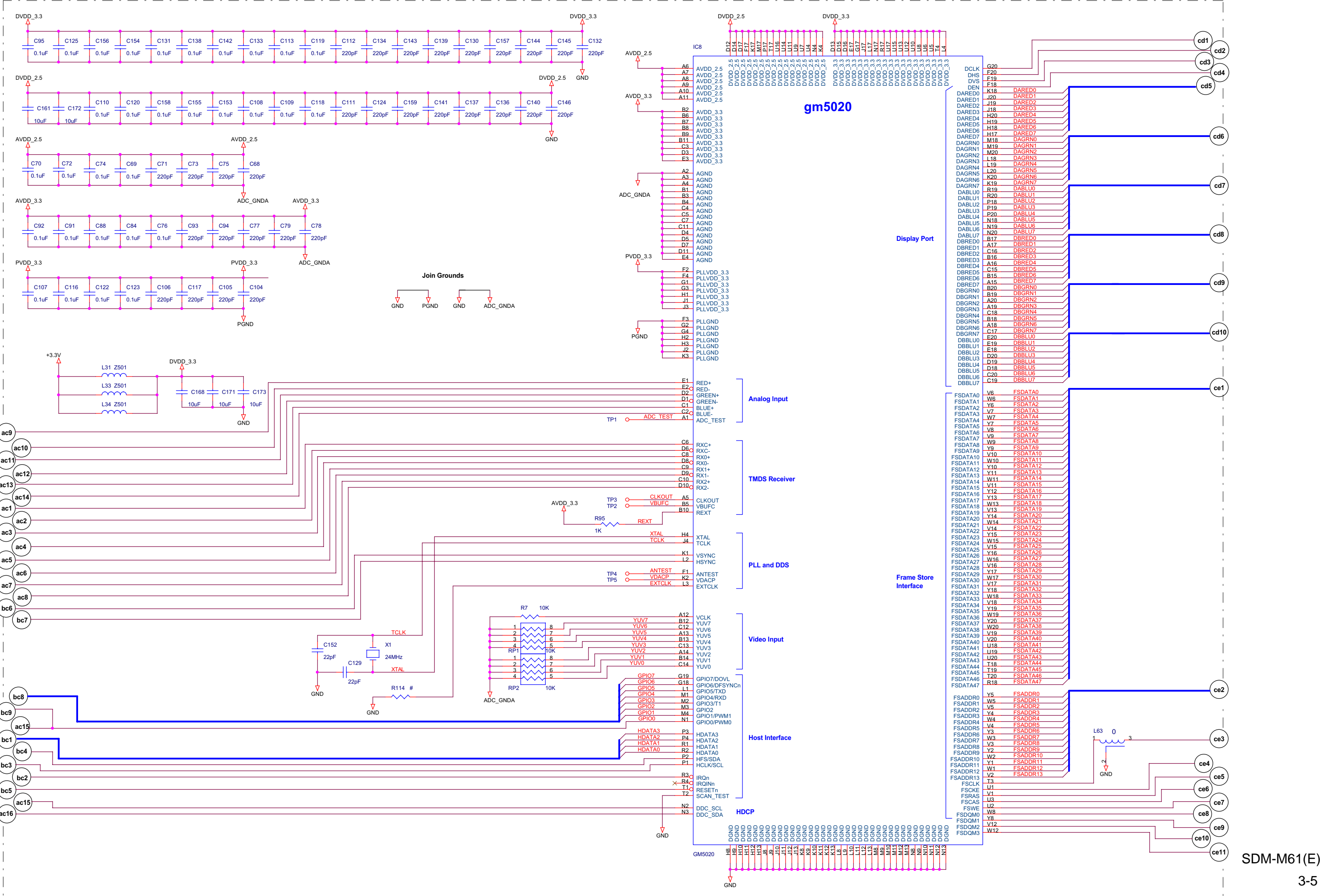
3-2 BLOCK DIAGRAM

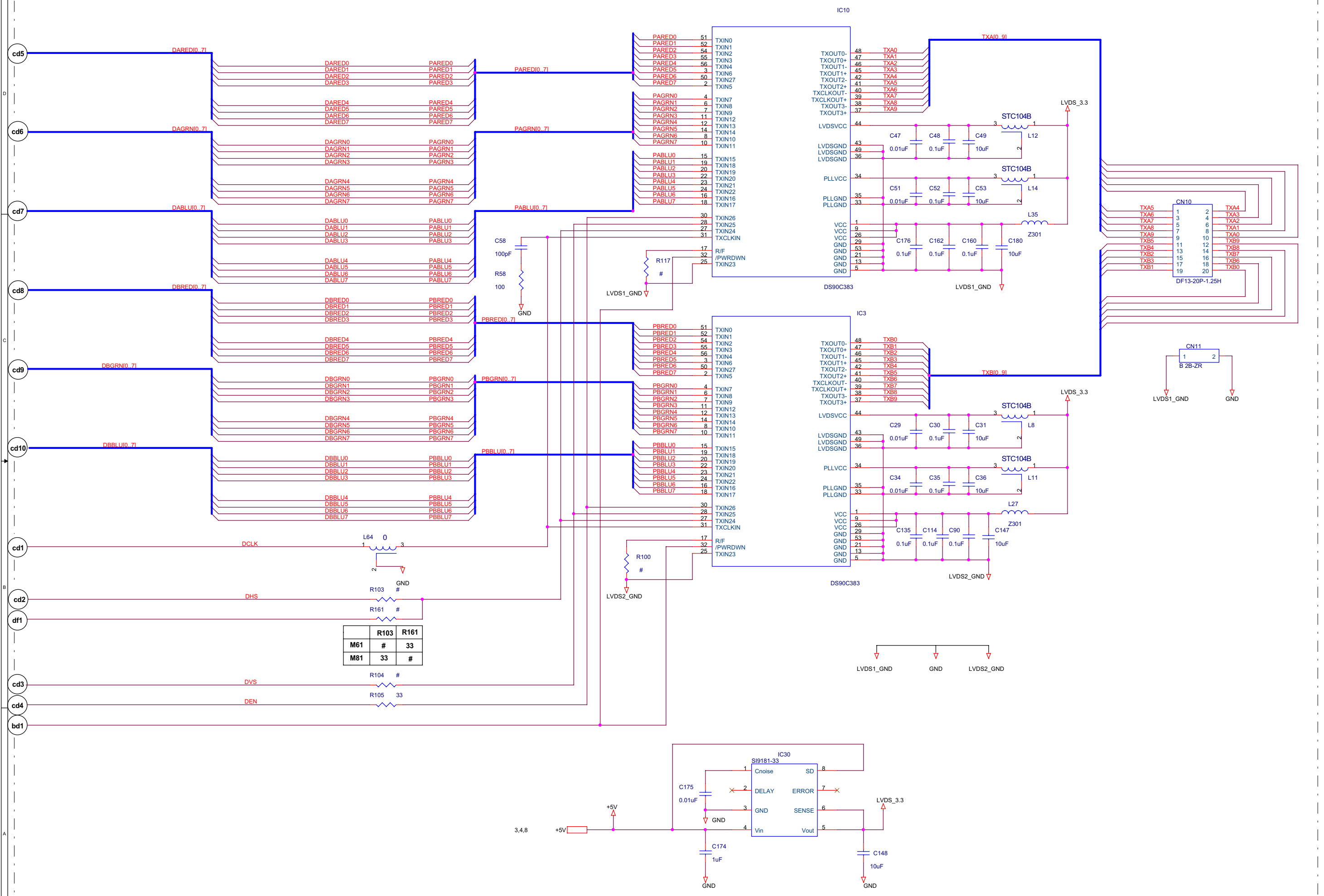


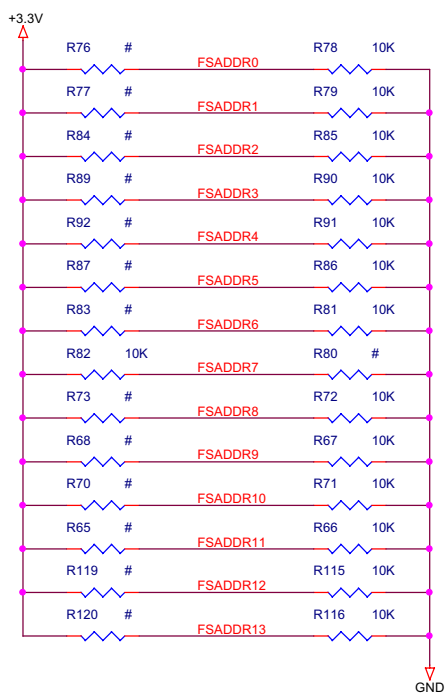
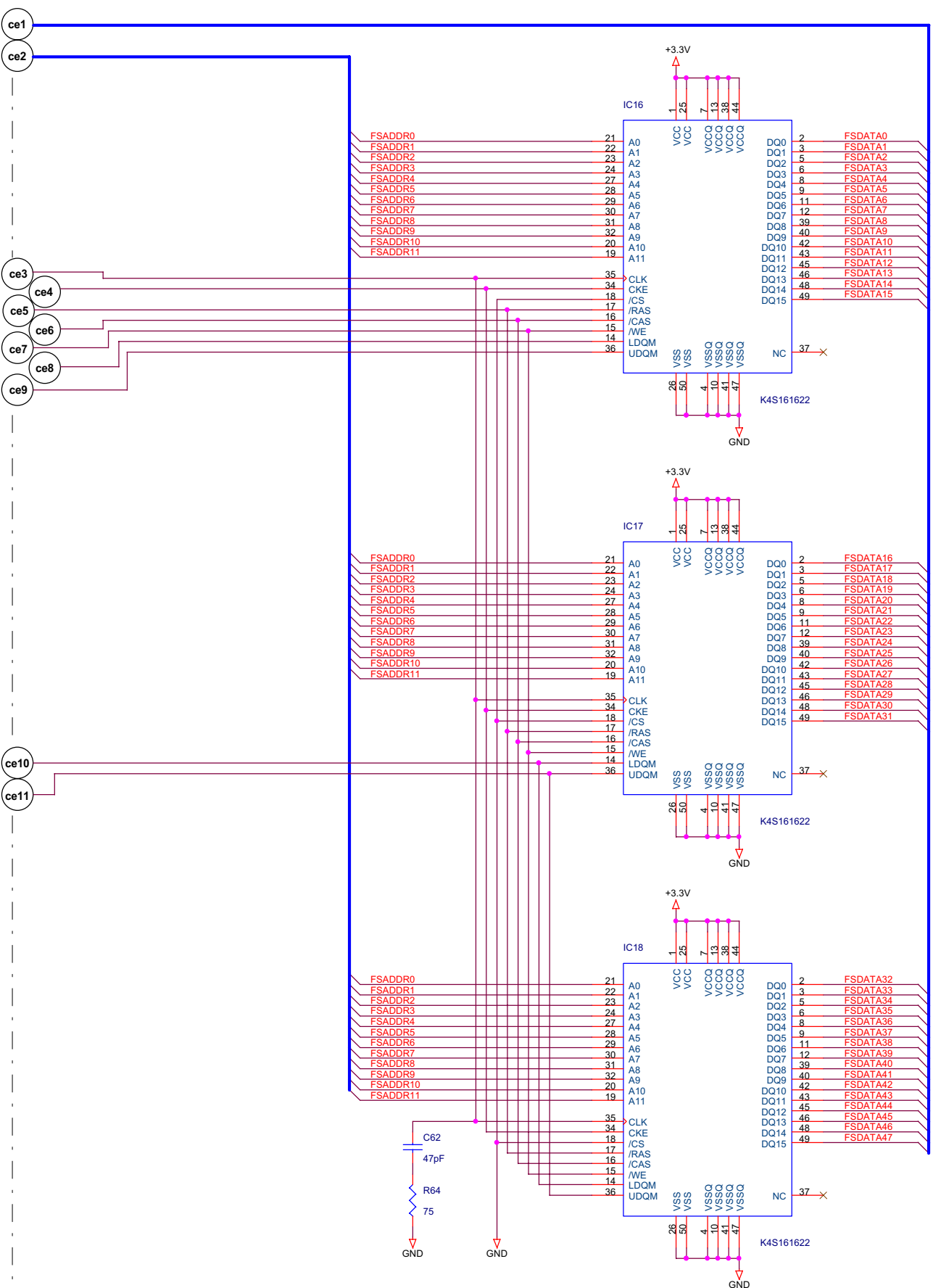
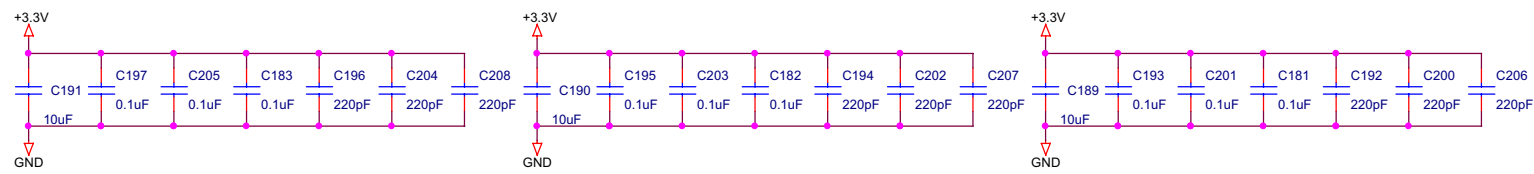
A-a

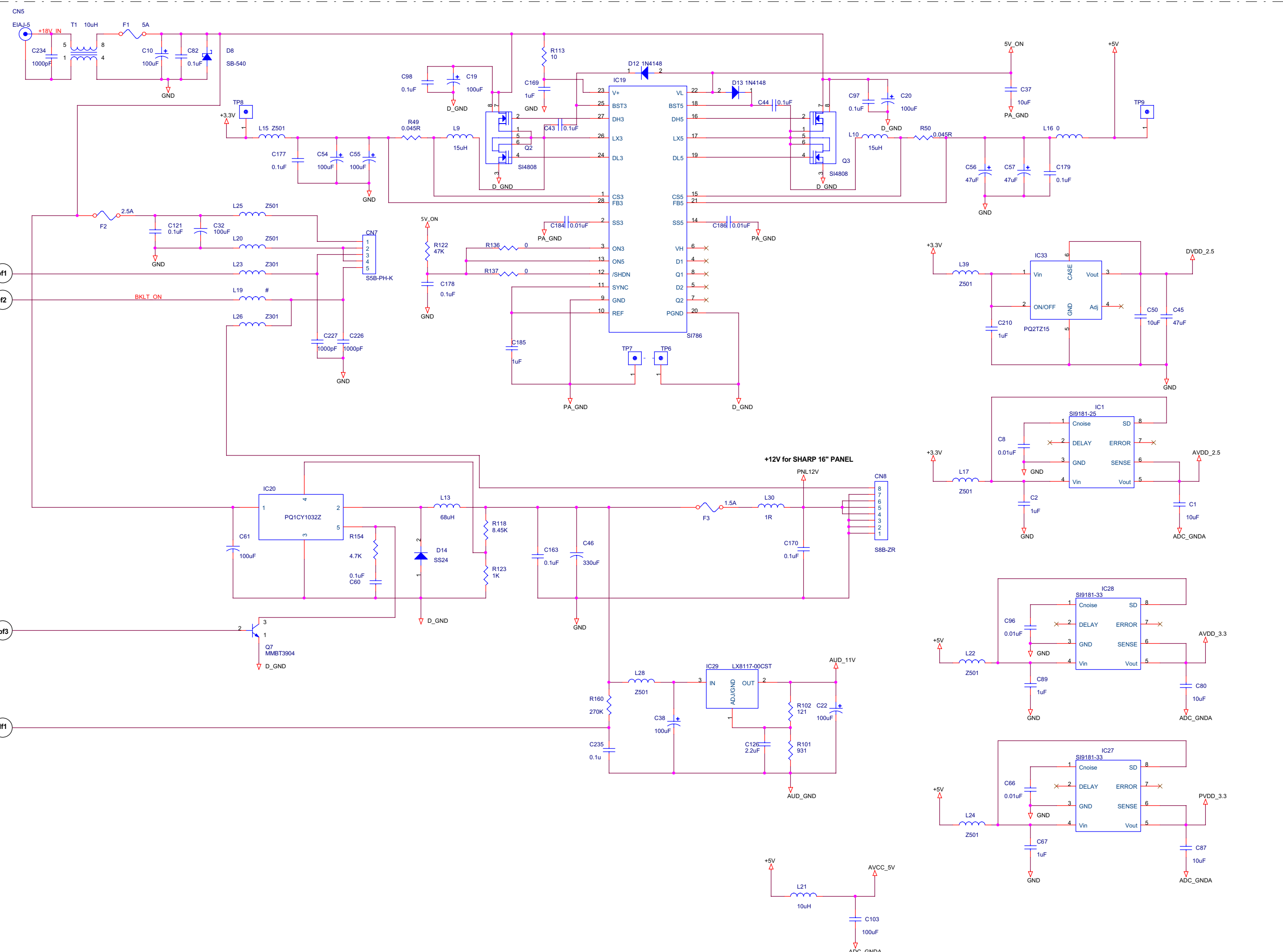




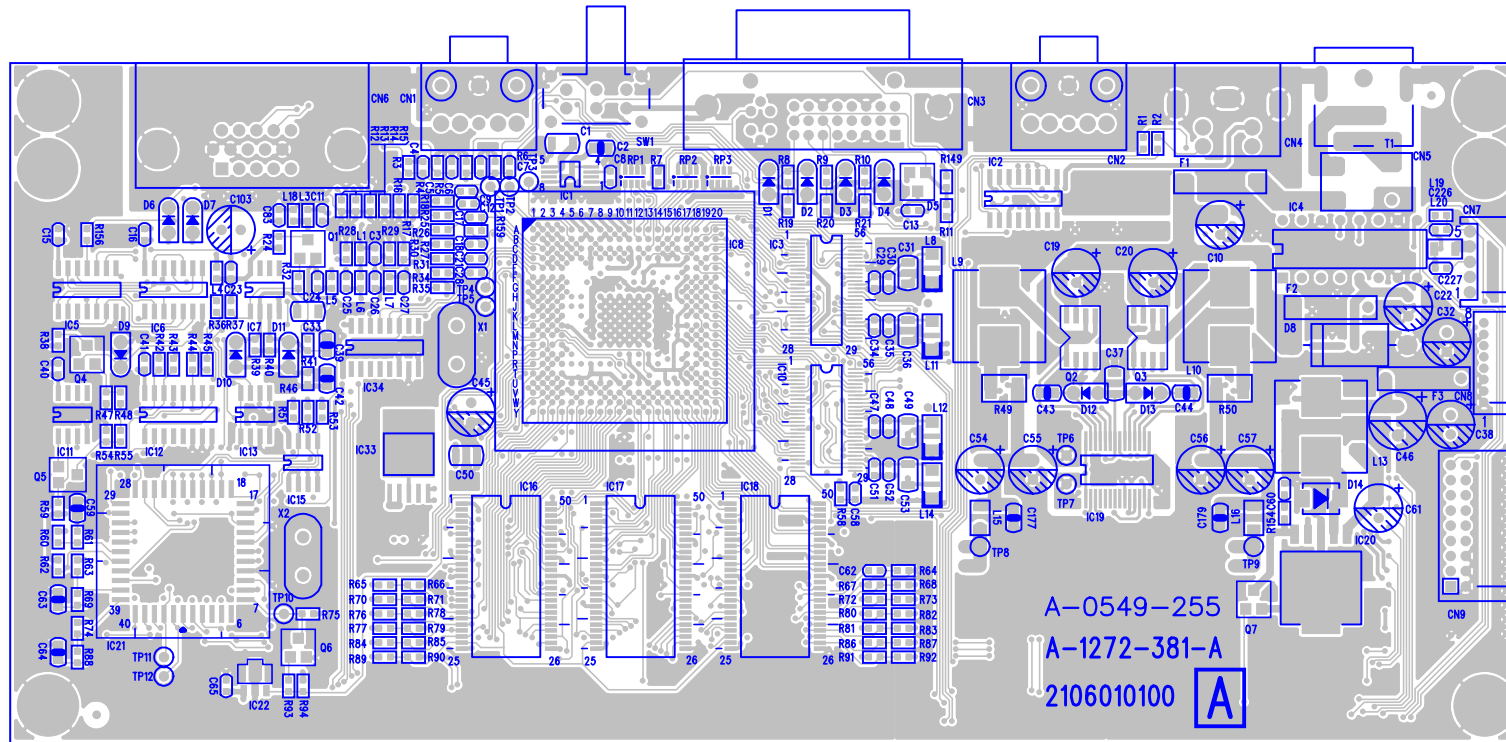




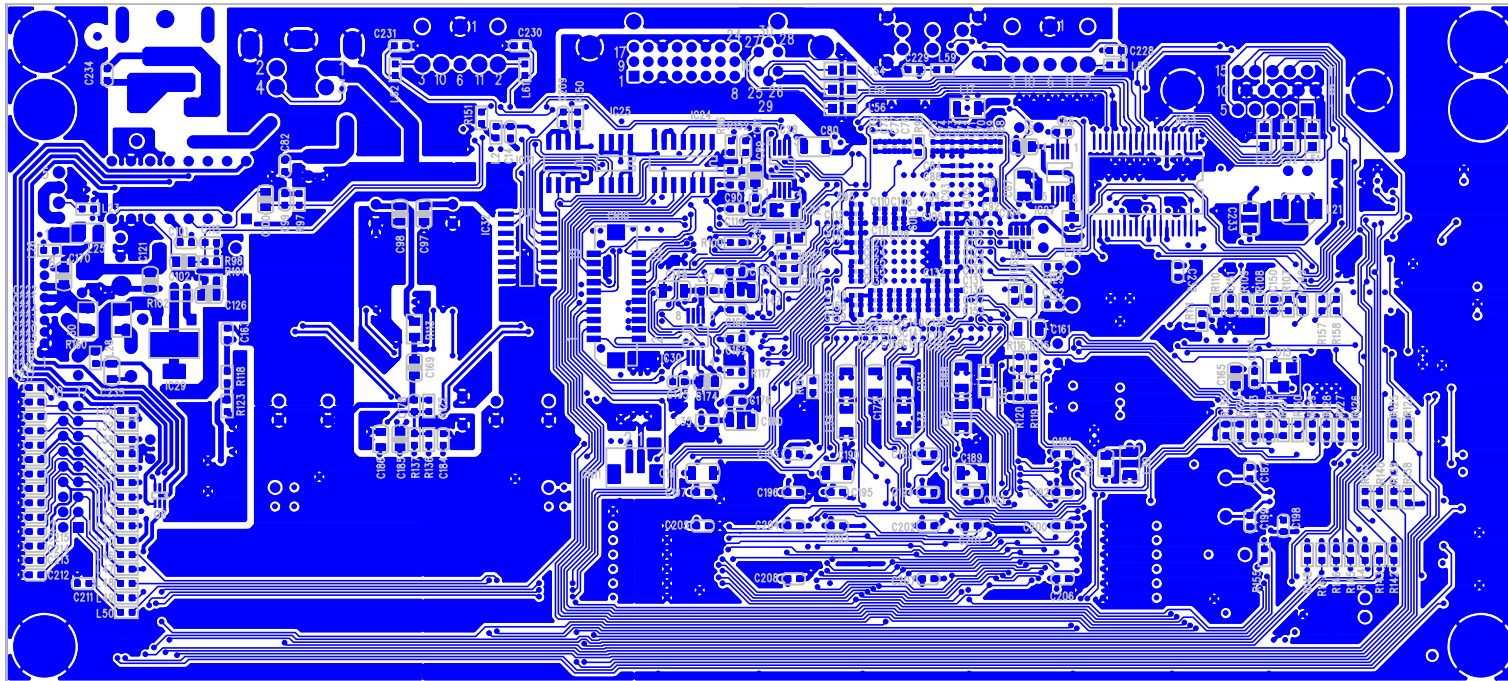


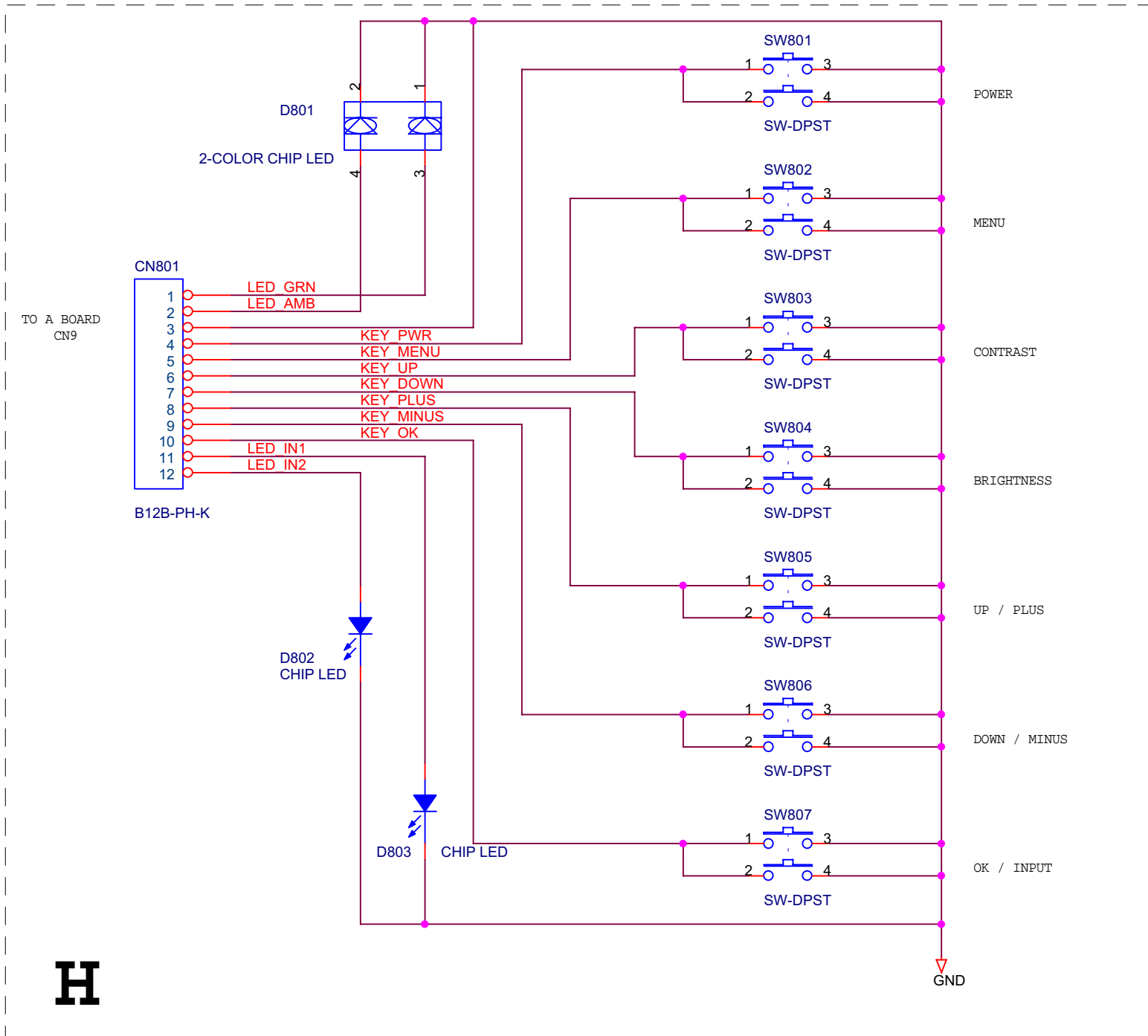


3-9 A Board Top Side

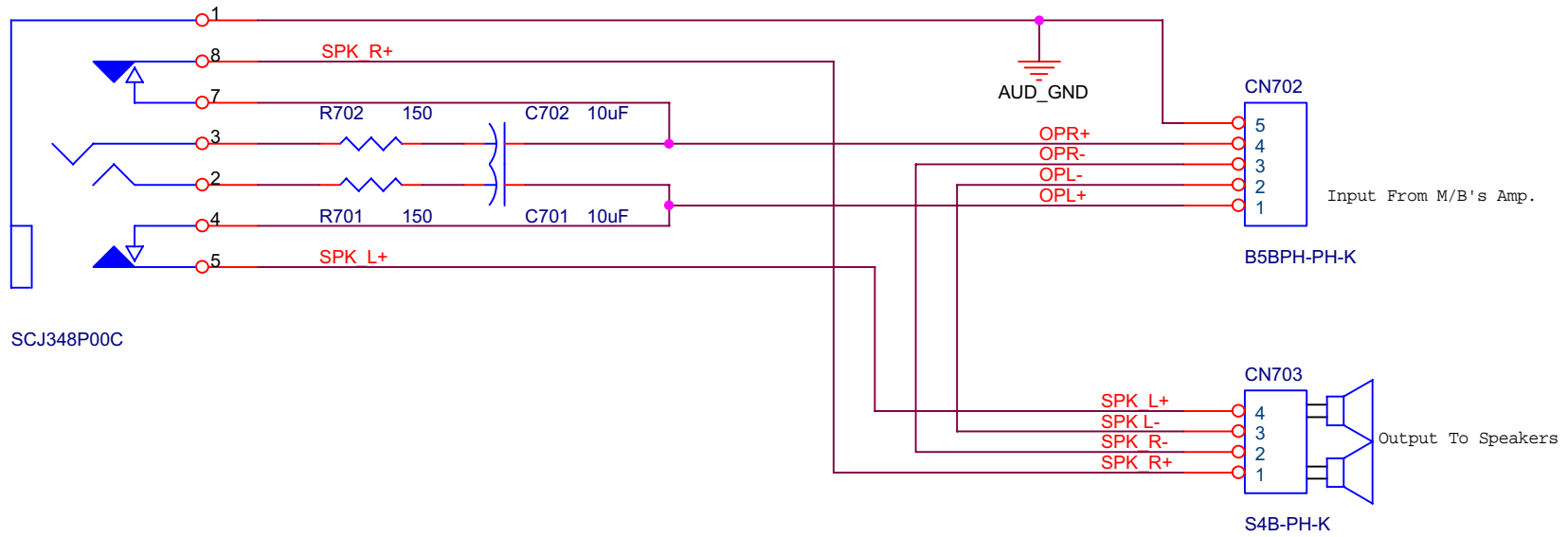


3-10 A Board Bottom Side





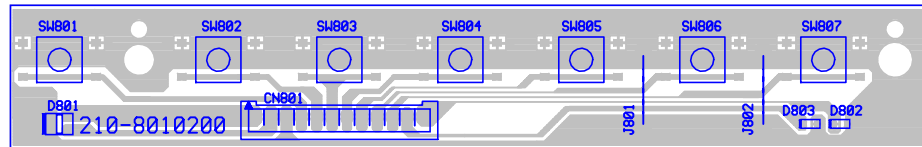
CN701



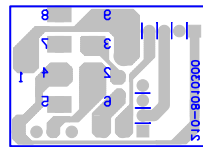
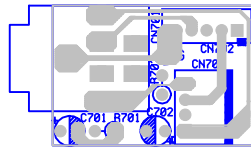
J

3-13 H Board & J Board

H Board



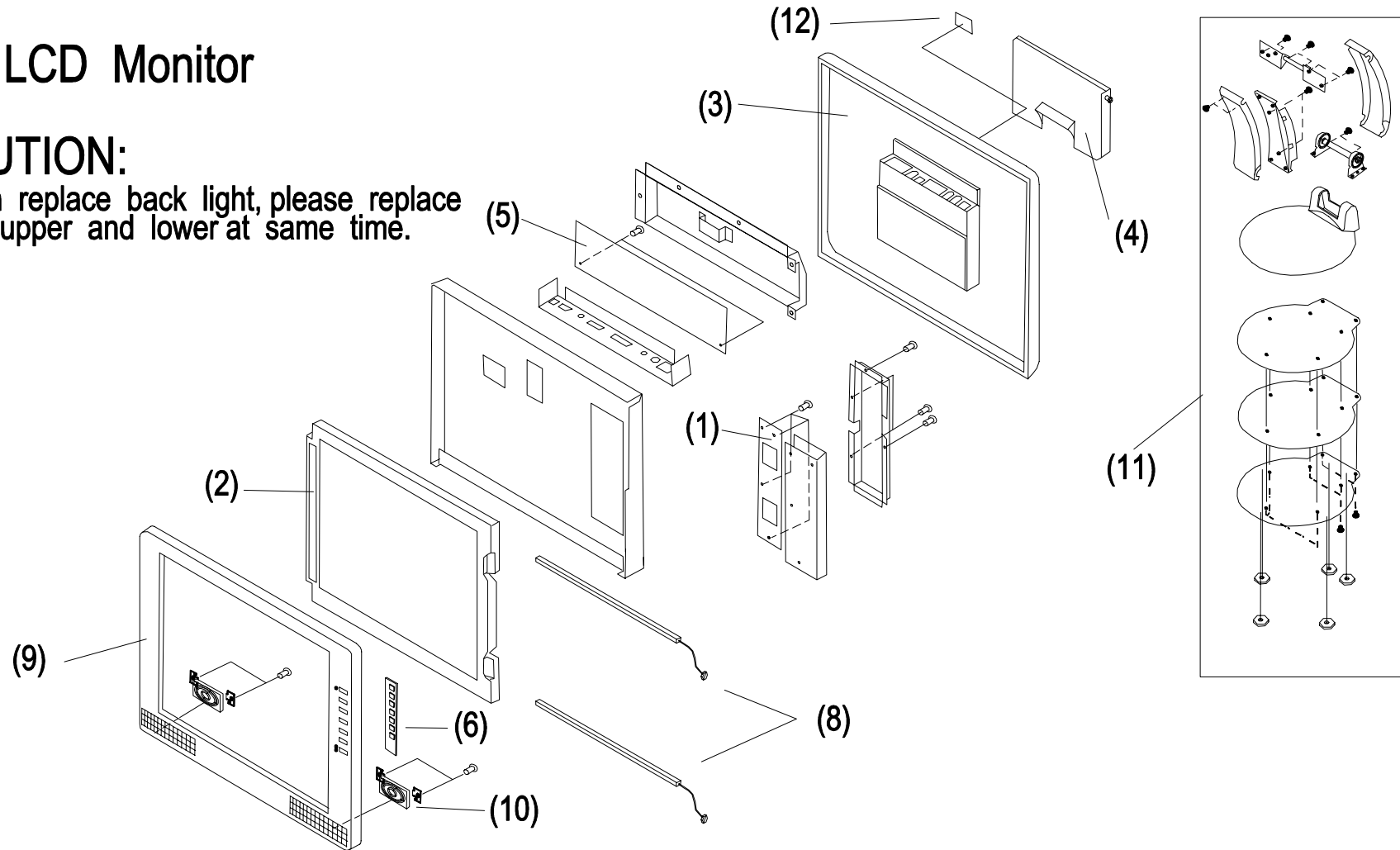
J Board



4-1 LCD Monitor

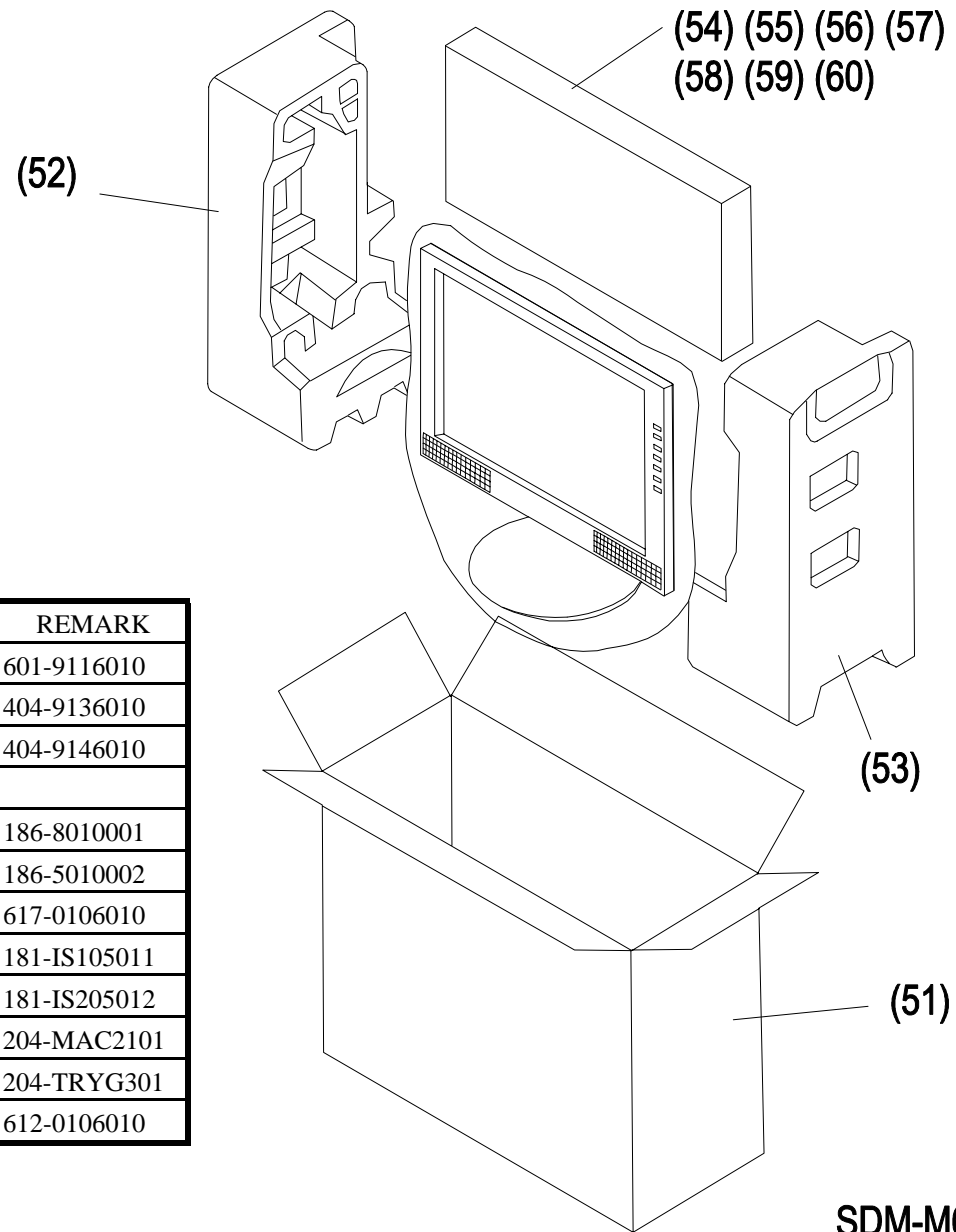
CAUTION:

When replace back light, please replace both upper and lower at same time.



REF NO.	PART NO.	DESCRIPTION	REMARK	REF NO.	PART NO.	DESCRIPTION	REMARK
1	Pending	INVERTER	241-SM18110	8	Pending	BACK LIGHT	N/A
2	1-804-521-11	PANEL, LCD	245-160SP01	9	X-4039-249-1	BEZEL ASS'Y	422-S-0106010
3	X-4039-250-1	BACK CABINET ASS'Y	422-S-0306010	10	1-529-902-11	SPEAKER (20 X 40 CM)	KSI40X20
4	4-084-255-01	REAR COVER	422-0036010	11	X-4039-355-1	STAND ASS'Y	422-S-0206010
5	A-1272-484-A	A MOUNT	209-6010010	12	4-084-252-11	INFORMATION LABEL	610-0606010
6	A-1372-994-A	H MOUNT	209-8010020				
7	A-1388-324-A	J MOUNT	209-8010030				

4-2 PACKING MATERIALS



REF NO.	PART NO.	DESCRIPTION	REMARK
51	4-084-386-01	INDIVIDUAL CARTON	601-9116010
52	4-084-387-01	CUSHION (L)	404-9136010
53	4-084-388-01	CUSHION (R)	404-9146010
54	Pending	ADAPTOR, AC	
55	1-823-049-11	CABLE, RGB (HD15-DVI)	186-8010001
56	1-757-372-11	CORD, CONNECTION (WITH PLUG)	186-5010002
57	1-772-979-15	DISK, INFORMATION(CD-ROM)	617-0106010
58	1-765-720-21	CORD SET, POWER (U/C)	181-IS105011
	1-765-719-21	CORD SET, POWER (AEP)	181-IS205012
59	1-778-967-21	ADAPTOR, CONVERSION (U/C)	204-MAC2101
	1-785-512-31	CONNECTOR, D-SUB (15P CHANGER) (AEP)	204-TRYG301
60	4-084-256-11	MANUAL, INSTRUCTION	612-0106010

SECTION 5

ELECTRICAL PARTS LIST

NOTE:

The components identified ! Marked are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque ! sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

RESISTORS

- All resistors are in ohms
- F: nonflammable

CAPACITOR

- MF: uF

COIL

- UH: uH

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
1		A	CAPACITOR		C001	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
2		A	CAPACITOR		C002	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
3		A	CAPACITOR		C003	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
4		A	CAPACITOR		C005	1-162-923-11	CAP-COG 47PFJ 50V CHIP 0603	122-CC470J50TV	
5		A	CAPACITOR		C006	1-162-923-11	CAP-COG 47PFJ 50V CHIP 0603	122-CC470J50TV	
6		A	CAPACITOR		C007	1-162-923-11	CAP-COG 47PFJ 50V CHIP 0603	122-CC470J50TV	
7		A	CAPACITOR		C008	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
8		A	CAPACITOR		C009	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
9		A	CAPACITOR		C010	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
10		A	CAPACITOR		C011	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
11		A	CAPACITOR		C012	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
12		A	CAPACITOR		C013	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
13		A	CAPACITOR		C014	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
14		A	CAPACITOR		C015	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
15		A	CAPACITOR		C016	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
16		A	CAPACITOR		C017	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
17		A	CAPACITOR		C018	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
18		A	CAPACITOR		C019	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
19		A	CAPACITOR		C020	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
20		A	CAPACITOR		C021	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
21		A	CAPACITOR		C022	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
22		A	CAPACITOR		C023	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
23		A	CAPACITOR		C024	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
24		A	CAPACITOR		C025	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
25		A	CAPACITOR		C026	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
26		A	CAPACITOR		C027	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
27		A	CAPACITOR		C028	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
28		A	CAPACITOR		C029	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
29		A	CAPACITOR		C030	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
30		A	CAPACITOR		C031	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
31		A	CAPACITOR		C032	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
32		A	CAPACITOR		C033	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
33		A	CAPACITOR		C034	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
34		A	CAPACITOR		C035	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
35		A	CAPACITOR		C036	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
36		A	CAPACITOR		C037	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
37		A	CAPACITOR		C038	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
38		A	CAPACITOR		C039	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
39		A	CAPACITOR		C040	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
40		A	CAPACITOR		C041	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
41		A	CAPACITOR		C042	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
42		A	CAPACITOR		C043	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
43		A	CAPACITOR		C044	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
44		A	CAPACITOR		C045	Pending	CAP-EC 47UF 16V SS 5*7 L/L	120-47616SS	
45		A	CAPACITOR		C046	Pending	CAP-EC 330UF 25V 8*11.5 CA	162-CA331M25	
46		A	CAPACITOR		C047	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
47		A	CAPACITOR		C048	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
48		A	CAPACITOR		C049	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
49		A	CAPACITOR		C050	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
50		A	CAPACITOR		C051	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
51		A	CAPACITOR		C052	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
52		A	CAPACITOR		C053	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
53		A	CAPACITOR		C054	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
54		A	CAPACITOR		C055	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
55		A	CAPACITOR		C056	1-111-239-11	CAP-OS 47UFM 6.3V SA Series	164-SA470M06	
56		A	CAPACITOR		C057	1-111-239-11	CAP-OS 47UFM 6.3V SA Series	164-SA470M06	
57		A	CAPACITOR		C058	1-162-927-11	CAP-COG 100PFJ 50V CHIP 0603	122-CC101J50TV	
58		A	CAPACITOR		C059	1-164-505-11	CAP- Y5V 2.2UFZ 16V CHIP 0805	122-CY225Z16TX	
59		A	CAPACITOR		C060	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
60		A	CAPACITOR		C061	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
61		A	CAPACITOR		C062	1-162-923-11	CAP-COG 47PFJ 50V CHIP 0603	122-CC470J50TV	
62		A	CAPACITOR		C063	1-164-505-11	CAP- Y5V 2.2UFZ 16V CHIP 0805	122-CY225Z16TX	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
63		A	CAPACITOR		C064	1-164-505-11	CAP- Y5V 2.2UFZ 16V CHIP 0805	122-CY225Z16TX	
64		A	CAPACITOR		C065	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
65		A	CAPACITOR		C066	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
66		A	CAPACITOR		C067	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
67		A	CAPACITOR		C068	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
68		A	CAPACITOR		C069	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
69		A	CAPACITOR		C070	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
70		A	CAPACITOR		C071	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
71		A	CAPACITOR		C072	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
72		A	CAPACITOR		C073	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
73		A	CAPACITOR		C074	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
74		A	CAPACITOR		C075	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
75		A	CAPACITOR		C076	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
76		A	CAPACITOR		C077	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
77		A	CAPACITOR		C078	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
78		A	CAPACITOR		C079	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
79		A	CAPACITOR		C080	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
80		A	CAPACITOR		C081	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
81		A	CAPACITOR		C082	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
82		A	CAPACITOR		C083	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
83		A	CAPACITOR		C084	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
84		A	CAPACITOR		C087	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
85		A	CAPACITOR		C088	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
86		A	CAPACITOR		C089	1-164-346-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
87		A	CAPACITOR		C090	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
88		A	CAPACITOR		C091	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
89		A	CAPACITOR		C092	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
90		A	CAPACITOR		C093	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
91		A	CAPACITOR		C094	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
92		A	CAPACITOR		C095	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
93		A	CAPACITOR		C096	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
94		A	CAPACITOR		C097	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
95		A	CAPACITOR		C098	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
96		A	CAPACITOR		C099	1-115-416-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
97		A	CAPACITOR		C100	1-164-005-11	CAP- Y5V 0.47UFZ 50V CHIP 0805	122-CY474Z50TX	
98		A	CAPACITOR		C101	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
99		A	CAPACITOR		C102	1-164-005-11	CAP- Y5V 0.47UFZ 50V CHIP 0805	122-CY474Z50TX	
100		A	CAPACITOR		C103	1-128-126-11	CAP-EC 100UF 25V 6.3*7.0 SAX	162-SAX101M25	
101		A	CAPACITOR		C104	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
102		A	CAPACITOR		C105	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
103		A	CAPACITOR		C106	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
104		A	CAPACITOR		C107	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
105		A	CAPACITOR		C108	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
106		A	CAPACITOR		C109	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
107		A	CAPACITOR		C110	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
108		A	CAPACITOR		C111	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
109		A	CAPACITOR		C112	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
110		A	CAPACITOR		C113	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
111		A	CAPACITOR		C114	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
112		A	CAPACITOR		C115	1-115-416-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
113		A	CAPACITOR		C116	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
114		A	CAPACITOR		C117	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
115		A	CAPACITOR		C118	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
116		A	CAPACITOR		C119	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
117		A	CAPACITOR		C120	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
118		A	CAPACITOR		C121	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
119		A	CAPACITOR		C122	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
120		A	CAPACITOR		C123	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
121		A	CAPACITOR		C124	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
122		A	CAPACITOR		C125	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
123		A	CAPACITOR		C126	1-164-505-11	CAP- Y5V 2.2UFZ 16V CHIP 0805	122-CY225Z16TX	
124		A	CAPACITOR		C129	1-162-919-11	CAP-COG 22PFJ 50V CHIP 0603	122-CC220J50TV	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
125		A	CAPACITOR		C130	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
126		A	CAPACITOR		C131	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
127		A	CAPACITOR		C132	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
128		A	CAPACITOR		C133	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
129		A	CAPACITOR		C134	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
130		A	CAPACITOR		C135	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
131		A	CAPACITOR		C136	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
132		A	CAPACITOR		C137	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
133		A	CAPACITOR		C138	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
134		A	CAPACITOR		C139	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
135		A	CAPACITOR		C140	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
136		A	CAPACITOR		C141	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
137		A	CAPACITOR		C142	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
138		A	CAPACITOR		C143	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
139		A	CAPACITOR		C144	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
140		A	CAPACITOR		C145	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
141		A	CAPACITOR		C146	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
142		A	CAPACITOR		C147	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
143		A	CAPACITOR		C148	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
144		A	CAPACITOR		C149	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
145		A	CAPACITOR		C150	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
146		A	CAPACITOR		C151	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
147		A	CAPACITOR		C152	1-162-919-11	CAP-COG 22PFJ 50V CHIP 0603	122-CC220J50TV	
148		A	CAPACITOR		C153	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
149		A	CAPACITOR		C154	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
150		A	CAPACITOR		C155	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
151		A	CAPACITOR		C156	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
152		A	CAPACITOR		C157	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
153		A	CAPACITOR		C158	1-107-820-11	CAP-Y5V 0.1UFZ 16V CHIP 0402	122-CC104Z16TZ	
154		A	CAPACITOR		C159	1-164-933-11	CAP-X7R 220PFJ 50V CHIP 0402	122-CX221J50TZ	
155		A	CAPACITOR		C160	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
156		A	CAPACITOR		C161	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
157		A	CAPACITOR		C162	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
158		A	CAPACITOR		C163	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
159		A	CAPACITOR		C164	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
160		A	CAPACITOR		C165	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
161		A	CAPACITOR		C168	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
162		A	CAPACITOR		C169	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
163		A	CAPACITOR		C170	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
164		A	CAPACITOR		C171	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
165		A	CAPACITOR		C172	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
166		A	CAPACITOR		C173	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
167		A	CAPACITOR		C174	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
168		A	CAPACITOR		C175	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
169		A	CAPACITOR		C176	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
170		A	CAPACITOR		C177	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
171		A	CAPACITOR		C178	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
172		A	CAPACITOR		C179	1-115-339-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
173		A	CAPACITOR		C180	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
174		A	CAPACITOR		C181	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
175		A	CAPACITOR		C182	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
176		A	CAPACITOR		C183	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
177		A	CAPACITOR		C184	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
178		A	CAPACITOR		C185	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
179		A	CAPACITOR		C186	1-162-970-11	CAP-X7R 0.01UFK 50V CHIP 0603	122-CX103K50TV	
180		A	CAPACITOR		C187	1-164-457-51	CAP-COG 30PFJ 50V CHIP 0603	122-CC300J50TV	
181		A	CAPACITOR		C189	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
182		A	CAPACITOR		C190	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
183		A	CAPACITOR		C191	1-117-370-11	CAP- Y5V 10UFZ 10V CHIP 1206	122-CY106Z10TW	
184		A	CAPACITOR		C192	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
185		A	CAPACITOR		C193	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
186		A	CAPACITOR		C194	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
187		A	CAPACITOR		C195	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
188		A	CAPACITOR		C196	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
189		A	CAPACITOR		C197	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
190		A	CAPACITOR		C198	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
191		A	CAPACITOR		C199	1-164-457-51	CAP-COG 30PFJ 50V CHIP 0603	122-CC300J50TV	
192		A	CAPACITOR		C200	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
193		A	CAPACITOR		C201	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
194		A	CAPACITOR		C202	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
195		A	CAPACITOR		C203	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
196		A	CAPACITOR		C204	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
197		A	CAPACITOR		C205	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
198		A	CAPACITOR		C206	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
199		A	CAPACITOR		C207	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
200		A	CAPACITOR		C208	1-164-230-11	CAP-COG 220PFJ 50V CHIP 0603	122-CC221J50TV	
201		A	CAPACITOR		C209	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
202		A	CAPACITOR		C210	1-164-346-11	CAP- Y5V 1UFZ 25V CHIP 0805	122-CY105Z25TX	
203		A	CAPACITOR		C211	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
204		A	CAPACITOR		C212	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
205		A	CAPACITOR		C213	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
206		A	CAPACITOR		C214	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
207		A	CAPACITOR		C215	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
208		A	CAPACITOR		C216	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
209		A	CAPACITOR		C217	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
210		A	CAPACITOR		C218	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
211		A	CAPACITOR		C219	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
212		A	CAPACITOR		C220	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
213		A	CAPACITOR		C221	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
214		A	CAPACITOR		C222	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
215		A	CAPACITOR		C223	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
216		A	CAPACITOR		C224	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
217		A	CAPACITOR		C225	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
218		A	CAPACITOR		C226	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
219		A	CAPACITOR		C227	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
220		A	CAPACITOR		C228	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
221		A	CAPACITOR		C229	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
222		A	CAPACITOR		C230	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
223		A	CAPACITOR		C231	1-162-964-11	CAP-X7R 1000PFK 50V CHIP 0603	122-CX102K50TV	
224		A	CAPACITOR		C232	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
225		A	CAPACITOR		C234	1-131-992-11	CAP- Y5V 0.1UFZ 25V CHIP 0603	122-CY104Z25TV	
226		A	CAPACITOR		C235	1-163-021-11	CAP- Y5V 0.1UFZ 50V CHIP 0805	122-CY104Z50TX	
227		A	CAPACITOR		C251	1-164-505-11	CAP- Y5V 2.2UFZ 16V CHIP 0805	122-CY225Z16TX	
228		A	CONNECTOR		CN001	1-507-834-31	PHONE-JACK SCJ356MONXS0B00	203-0235601B	
229		A	CONNECTOR		CN002	1-507-834-31	PHONE-JACK SCJ356MONXS0B00	203-0235601B	
230		A	CONNECTOR		CN003	1-793-962-21	CONN, DVI-I QH11121-CP0 W/HEX 5 mm	203-11211CP0	
231		A	CONNECTOR		CN004	1-573-792-11	MINI DIN. 4P MH11041-H1	203-0411041	
232		A	CONNECTOR		CN005	1-779-745-21	DC-JACK 4PJ1103A-S	203-021103S	
233		A	CONNECTOR		CN006	1-774-361-11	D-SUB 15P DV11201-R3 w/hex 5mm	203-1511201	
234		A	CONNECTOR		CN007	Pending	CONN, 5P 2.0mm JST:S5B-PH-K	197-S5BPHK	
235		A	CONNECTOR		CN008	Pending	CONN, 8P 1.5mm JST:S8B-ZR	197-S8BZR	
236		A	CONNECTOR		CN009	Pending	CONN, 18P 2.0mm JST:S18B-PHDSS	197-S18BPHD	
237		A	CONNECTOR		CN010	Pending	CONN, 20P SMD DF13-20DP-1.25V	197-DF1320DP	
238		A	CONNECTOR		CN011	Pending	CONN, 2P 1.5mm JST:B2B-ZR-SM3	197-B2BZRSM3	
239		A	DIODE		D001	1-807-635-11	DIODE.ZENER RLZ5.1B	150-RLZ5V1B	
240		A	DIODE		D002	1-807-635-11	DIODE.ZENER RLZ5.1B	150-RLZ5V1B	
241		A	DIODE		D003	1-807-635-11	DIODE.ZENER RLZ5.1B	150-RLZ5V1B	
242		A	DIODE		D004	1-807-635-11	DIODE.ZENER RLZ5.1B	150-RLZ5V1B	
243		A	DIODE		D005	8-719-902-49	DIODE, BAV70 SOT-23	170-BAV70T	
244		A	DIODE		D006	1-807-635-11	DIODE.ZENER RLZ5.1B	150-RLZ5V1B	
245		A	DIODE		D007	1-807-635-11	DIODE.ZENER RLZ5.1B	150-RLZ5V1B	
246		A	DIODE		D008	1-808-077-11	DIODE.SCHOTTKY SB-540 DO-210AD	150-00SB540	
247		A	DIODE		D010	8-719-976-19	DIODE, RLS4148 --LL-34--	151-RLS4148	
248		A	DIODE		D011	8-719-976-19	DIODE, RLS4148 --LL-34--	151-RLS4148	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
249		A	DIODE		D012	8-719-976-19	DIODE, RLS4148 --LL-34--	151-RLS4148	
250		A	DIODE		D013	8-719-976-19	DIODE, RLS4148 --LL-34--	151-RLS4148	
251		A	DIODE		D014	Pending	DIODE.SCHOTTKY SK-24 SMD	150-00SK240	
252		A	DIODE		D015	8-719-902-49	DIODE, BAV70 SOT-23	170-BAV70T	
253		A	FUSE		F001	1-532-783-11	Micro Fuse 5.0A --MQ5.0--	147-BLMQ050	
254		A	FUSE		F002	1-532-780-11	Micro Fuse 2.5A --MQ2.5--	147-BLMQ025	
255		A	FUSE		F003	1-576-491-11	Micro Fuse 1.5A --MQ1.5--	147-BLMQ015	
256		A	IC		IC001	Pending	IC Regulator, SI9181-25 2.5V TSSOP-8	160-918125T	
257		A	IC		IC002	8-759-011-65	IC, 74HC4053 SOIC-16	160-HC4053T	
258		A	IC		IC003	8-759-644-72	IC LVDS Transmitter, DS90C383	160-90C383T	
259		A	IC		IC004	8-759-478-64	IC, TDA7053A-N2 DIP-16	160-07053A0	
260		A	IC		IC005	8-759-033-19	IC, 74F125 SOIC-14	160-F1250T	
261		A	IC		IC006	8-759-033-07	IC, 74F14 SOIC-14	160-F0140T	
262		A	IC		IC007	8-759-510-72	IC, LM393DT SOIC	160-039300T	
263		A	IC		IC008	Pending	IC, GM5020 BGA292	160-005020T	
264		A	IC		IC010	8-759-644-72	IC LVDS Transmitter, DS90C383	160-90C383T	
265		A	IC		IC011	8-759-467-94	IC, LM358DT SOIC	160-035800T	
266		A	IC		IC012	8-759-011-65	IC, 74HC4053 SOIC-16	160-HC4053T	
267		A	IC		IC013	8-759-661-55	IC, EEPROM 24C21BT-SN SOIC	160-024021T	
268		A	IC		IC015	8-759-699-33	IC, EEPROM M24C16-MN6 SOIC	160-024016T	
269		A	IC		IC016	8-759-663-74	IC SDRAM, HY57V161610DTC-7	160-H1610D7T	
270		A	IC		IC017	8-759-663-74	IC SDRAM, HY57V161610DTC-7	160-H1610D7T	
271		A	IC		IC018	8-759-663-74	IC SDRAM, HY57V161610DTC-7	160-H1610D7T	
272		A	IC		IC019	8-759-541-69	IC, SI786CG SSOP-28	160-SI786CG	
273		A	IC		IC020	Pending	IC Regulator, PQ1CY1032Z	160-CY1032Z	
274		A	IC		IC021	8-759-712-43	MTV212M PLCC-44	160-MTV212M	
275		A	IC		IC021	Pending	IC, SOCKET SMD PLCC-44 (8111-44)	197-0448111	
276		A	IC		IC022	8-759-634-77	IC, M51951BML -SOT89-	160-051951T	
277		A	IC		IC023	8-759-541-25	IC Analog SW, M52758FP SSOP36	160-52758FP	
278		A	IC		IC024	8-759-426-55	IC CMOS, 74HC4066 SO-14	160-HC4066T	
279		A	IC		IC025	8-759-661-55	IC, EEPROM 24C21BT-SN SOIC	160-024021T	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
280		A	IC		IC027	Pending	IC Regulator, SI9181-33 3.3V TSSOP-8	160-918133T	
281		A	IC		IC028	Pending	IC Regulator, SI9181-33 3.3V TSSOP-8	160-918133T	
282		A	IC		IC029	Pending	IC Regulator, LX8117-00CST Adj. SOT223	160-811700T	
283		A	IC		IC030	Pending	IC Regulator, SI9181-33 3.3V TSSOP-8	160-918133T	
284		A	IC		IC031	8-759-661-55	IC, EEPROM 24C21BT-SN SOIC	160-024021T	
285		A	IC		IC032	8-759-011-65	IC, 74HC4053 SOIC-16	160-HC4053T	
286		A	IC		IC033	8-759-582-37	IC Regulator, PQ2TZ15	160-PQ2TZ15	
287		A	IC		IC034	8-759-011-65	IC, 74HC4053 SOIC-16	160-HC4053T	
288		A	COIL		L001	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
289		A	COIL		L002	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
290		A	COIL		L003	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
291		A	COIL		L004	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
292		A	COIL		L005	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
293		A	COIL		L006	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
294		A	COIL		L007	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
295		A	COIL		L008	1-400-044-11	SELMAC, STC104B	280-STC104B	
296		A	COIL		L009	1-469-975-11	INDUCTOR-SMD 15UH CSN105B-150M	141-3L105150	
297		A	COIL		L010	1-469-975-11	INDUCTOR-SMD 15UH CSN105B-150M	141-3L105150	
298		A	COIL		L011	1-400-044-11	SELMAC, STC104B	280-STC104B	
299		A	COIL		L012	1-400-044-11	SELMAC, STC104B	280-STC104B	
300		A	COIL		L013	Pending	INDUCTOR-SMD 68UH CSN105B-680M	141-3L105680	
301		A	COIL		L014	1-400-044-11	SELMAC, STC104B	280-STC104B	
302		A	COIL		L015	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
303		A	COIL		L016	1-469-977-11	RES, CHIP +-5% 0R 1206	100-CR00JT08	
304		A	COIL		L017	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
305		A	COIL		L018	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
306		A	COIL		L020	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
307		A	COIL		L021	1-414-183-11	INDUCTOR-SMD 10UH CSN043B-100M	141-3L043100	
308		A	COIL		L022	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
309		A	COIL		L023	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
310		A	COIL		L024	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
311		A	COIL		L025	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
312		A	COIL		L026	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
313		A	COIL		L027	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
314		A	COIL		L028	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
315		A	COIL		L030	1-469-977-11	RES, CHIP +-5% 1R 1206	100-C109JT08	
316		A	COIL		L031	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
317		A	COIL		L032	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
318		A	COIL		L033	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
319		A	COIL		L034	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
320		A	COIL		L035	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
321		A	COIL		L036	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
322		A	COIL		L037	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
323		A	COIL		L038	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
324		A	COIL		L039	1-469-977-11	FERRITE BEAD HCB3216K-501T30	143-NG3216501	
325		A	COIL		L040	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
326		A	COIL		L041	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
327		A	COIL		L042	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
328		A	COIL		L043	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
329		A	COIL		L044	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
330		A	COIL		L045	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
331		A	COIL		L046	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
332		A	COIL		L047	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
333		A	COIL		L048	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
334		A	COIL		L049	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
335		A	COIL		L050	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
336		A	COIL		L051	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
337		A	COIL		L052	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
338		A	COIL		L053	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
339		A	COIL		L054	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
340		A	COIL		L055	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
341		A	COIL		L056	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
342		A	COIL		L058	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
343		A	COIL		L059	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
344		A	COIL		L061	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
345		A	COIL		L062	Pending	FERRITE BEAD, FCM1608K-301T03	143-B1608301	
346		A	COIL		L063	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
347		A	COIL		L064	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
348		A	TRANSISTOR		Q001	8-729-054-61	TRS,SST3904 T-116 SOT-23	170-SST3904	
349		A	TRANSISTOR		Q002	8-729-054-62	MOSFET-N,SI4808DY SO-8	160-SI4808DY	
350		A	TRANSISTOR		Q003	8-729-054-62	MOSFET-N,SI4808DY SO-8	160-SI4808DY	
351		A	TRANSISTOR		Q004	8-729-054-61	TRS,SST3904 T-116 SOT-23	170-SST3904	
352		A	TRANSISTOR		Q005	8-729-054-60	TRS,SST3906 T-116 SOT-23	170-SST3906	
353		A	TRANSISTOR		Q006	8-729-054-61	TRS,SST3904 T-116 SOT-23	170-SST3904	
354		A	TRANSISTOR		Q007	8-729-054-61	TRS,SST3904 T-116 SOT-23	170-SST3904	
355		A	TRANSISTOR		Q008	Pending	MOSFET DUAL-N SI1902DL	160-190200T	
356		A	RESISTOR		R001	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
357		A	RESISTOR		R002	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
358		A	RESISTOR		R003	1-216-825-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
359		A	RESISTOR		R004	1-216-825-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
360		A	RESISTOR		R005	1-216-825-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
361		A	RESISTOR		R006	1-216-825-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
362		A	RESISTOR		R007	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
363		A	RESISTOR		R009	1-216-809-11	FERRITE BEAD, FCM1608K-221T5	143-B1608221	
364		A	RESISTOR		R010	1-216-809-11	FERRITE BEAD, FCM1608K-221T5	143-B1608221	
365		A	RESISTOR		R011	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
366		A	RESISTOR		R012	1-216-624-11	RES,CHIP +-5% 75R 0603	100-C750JT16	
367		A	RESISTOR		R013	1-216-624-11	RES,CHIP +-5% 75R 0603	100-C750JT16	
368		A	RESISTOR		R014	1-216-624-11	RES,CHIP +-5% 75R 0603	100-C750JT16	
369		A	RESISTOR		R015	1-216-624-11	RES,CHIP +-5% 75R 0603	100-C750JT16	
370		A	RESISTOR		R016	1-216-624-11	RES,CHIP +-5% 75R 0603	100-C750JT16	
371		A	RESISTOR		R017	1-216-624-11	RES,CHIP +-5% 75R 0603	100-C750JT16	
372		A	RESISTOR		R018	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
373		A	RESISTOR		R020	1-216-841-11	RES,CHIP +-5% 47K 0603	100-C473JT16	
374		A	RESISTOR		R021	1-216-841-11	RES,CHIP +-5% 47K 0603	100-C473JT16	
375		A	RESISTOR		R024	1-216-821-11	RES,CHIP +-5% 1K 0603	100-C102JT16	
376		A	RESISTOR		R025	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
377		A	RESISTOR		R026	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
378		A	RESISTOR		R027	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
379		A	RESISTOR		R031	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
380		A	RESISTOR		R032	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
381		A	RESISTOR		R034	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
382		A	RESISTOR		R035	1-216-825-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
383		A	RESISTOR		R036	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
384		A	RESISTOR		R037	1-216-825-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
385		A	RESISTOR		R038	Pending	CHIP-R 330R 1/16W-T J 0603	100-C331JT16	
386		A	RESISTOR		R039	1-216-850-11	RES,CHIP +-5% 270K 0603	100-C274JT16	
387		A	RESISTOR		R040	1-216-850-11	RES,CHIP +-5% 270K 0603	100-C274JT16	
388		A	RESISTOR		R041	1-216-850-11	RES,CHIP +-5% 270K 0603	100-C274JT16	
389		A	RESISTOR		R042	1-216-821-11	RES,CHIP +-5% 1K 0603	100-C102JT16	
390		A	RESISTOR		R043	1-216-821-11	RES,CHIP +-5% 1K 0603	100-C102JT16	
391		A	RESISTOR		R044	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
392		A	RESISTOR		R045	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
393		A	RESISTOR		R046	1-216-850-11	RES,CHIP +-5% 270K 0603	100-C274JT16	
394		A	RESISTOR		R047	1-216-817-11	RES,CHIP +-5% 470R 0603	100-C471JT16	
395		A	RESISTOR		R048	1-216-811-11	RES,CHIP +-5% 150R 0603	100-C151JT16	
396		A	RESISTOR		R049	1-244-284-11	RES, CHIP +-5% 0.045R 1206	100-C457JT08	
397		A	RESISTOR		R050	1-244-284-11	RES, CHIP +-5% 0.045R 1206	100-C457JT08	
398		A	RESISTOR		R051	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
399		A	RESISTOR		R052	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
400		A	RESISTOR		R053	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
401		A	RESISTOR		R055	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
402		A	RESISTOR		R058	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
403		A	RESISTOR		R059	1-216-821-11	RES,CHIP +-5% 1K 0603	100-C102JT16	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
404		A	RESISTOR		R060	1-216-821-11	RES,CHIP +-5% 1K 0603	100-C102JT16	
405		A	RESISTOR		R061	1-216-835-11	RES,CHIP +-5% 15K 0603	100-C153JT16	
406		A	RESISTOR		R062	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
407		A	RESISTOR		R063	1-216-821-11	RES,CHIP +-5% 1K 0603	100-C102JT16	
408		A	RESISTOR		R064	1-216-624-11	RES,CHIP +-5% 75R 0603	100-C750JT16	
409		A	RESISTOR		R066	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
410		A	RESISTOR		R067	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
411		A	RESISTOR		R069	1-216-835-11	RES,CHIP +-5% 15K 0603	100-C153JT16	
412		A	RESISTOR		R071	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
413		A	RESISTOR		R072	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
414		A	RESISTOR		R074	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
415		A	RESISTOR		R075	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
416		A	RESISTOR		R078	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
417		A	RESISTOR		R079	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
418		A	RESISTOR		R081	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
419		A	RESISTOR		R082	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
420		A	RESISTOR		R085	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
421		A	RESISTOR		R086	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
422		A	RESISTOR		R088	1-216-830-11	RES,CHIP +-5% 5.6K 0603	100-C562JT16	
423		A	RESISTOR		R090	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
424		A	RESISTOR		R091	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
425		A	RESISTOR		R093	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
426		A	RESISTOR		R094	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
427		A	RESISTOR		R095	1-216-821-11	RES,CHIP +-1% 1K 0603	100-C1001IT16	
428		A	RESISTOR		R096	1-216-825-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
429		A	RESISTOR		R097	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
430		A	RESISTOR		R098	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
431		A	RESISTOR		R101	Pending	RES,CHIP +-1% 931R 0603	100-C9310IT16	
432		A	RESISTOR		R102	1-216-810-11	RES,CHIP +-1% 121R 0603	100-C1210IT16	
433		A	RESISTOR		R105	1-216-803-11	RES,CHIP +-5% 33R 0603	100-C330JT16	
434		A	RESISTOR		R107	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
435		A	RESISTOR		R108	1-216-803-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
436		A	RESISTOR		R109	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
437		A	RESISTOR		R110	1-216-803-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
438		A	RESISTOR		R111	1-216-850-11	RES,CHIP +-5% 270K 0603	100-C274JT16	
439		A	RESISTOR		R113	1-216-295-00	RES, CHIP +-5% 0R 0805	100-CR00JT10	
440		A	RESISTOR		R115	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
441		A	RESISTOR		R116	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
442		A	RESISTOR		R118	Pending	RES,CHIP +-1% 8.45K 0603	100-C8451IT16	
443		A	RESISTOR		R122	1-216-841-11	RES,CHIP +-5% 47K 0603	100-C473JT16	
444		A	RESISTOR		R123	1-216-821-11	RES,CHIP +-1% 1K 0603	100-C1001IT16	
445		A	RESISTOR		R124	1-216-817-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
446		A	RESISTOR		R125	1-216-817-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
447		A	RESISTOR		R126	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
448		A	RESISTOR		R127	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
449		A	RESISTOR		R128	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
450		A	RESISTOR		R129	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
451		A	RESISTOR		R131	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
452		A	RESISTOR		R132	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
453		A	RESISTOR		R133	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
454		A	RESISTOR		R134	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
455		A	RESISTOR		R135	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
456		A	RESISTOR		R136	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
457		A	RESISTOR		R137	1-216-864-11	RES, CHIP +-5% 0R 0603	100-CR00JT16	
458		A	RESISTOR		R138	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
459		A	RESISTOR		R139	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
460		A	RESISTOR		R140	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
461		A	RESISTOR		R141	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
462		A	RESISTOR		R142	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
463		A	RESISTOR		R143	1-216-803-11	RES,CHIP +-5% 33R 0603	100-C330JT16	
464		A	RESISTOR		R144	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
465		A	RESISTOR		R145	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
466		A	RESISTOR		R146	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
467		A	RESISTOR		R147	1-216-817-11	RES,CHIP +-5% 2.2K 0603	100-C222JT16	
468		A	RESISTOR		R148	1-216-817-11	RES,CHIP +-5% 470R 0603	100-C471JT16	
469		A	RESISTOR		R149	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
470		A	RESISTOR		R150	1-216-841-11	RES,CHIP +-5% 47K 0603	100-C473JT16	
471		A	RESISTOR		R151	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
472		A	RESISTOR		R152	1-216-833-11	RES,CHIP +-5% 10K 0603	100-C103JT16	
473		A	RESISTOR		R154	1-216-829-11	RES,CHIP +-5% 4.7K 0603	100-C472JT16	
474		A	RESISTOR		R156	1-216-809-11	RES,CHIP +-5% 100R 0603	100-C101JT16	
475		A	RESISTOR		R158	1-216-864-11	RES,CHIP +-5% 0R 0603	100-CR00JT16	
476		A	RESISTOR		R159	1-216-857-11	RES,CHIP +-5% 1M 0603	100-C105JT16	
477		A	RESISTOR		R160	1-216-850-11	RES,CHIP +-5% 270K 0603	100-C274JT16	
478		A	RESISTOR		RP001	1-233-415-11	RN, CHIP ARRAY 10K ISO 8P4R 1206	166-010103T	
479		A	RESISTOR		RP002	1-233-415-11	RN, CHIP ARRAY 10K ISO 8P4R 1206	166-010103T	
480		A	RESISTOR		RP003	1-233-415-11	RN, CHIP ARRAY 10K ISO 8P4R 1206	166-010103T	
481		A	RESISTOR		RP004	1-233-415-11	RN, CHIP ARRAY 10K ISO 8P4R 1206	166-010103T	
482		A	SWITCH		SW001	Pending	SLIDE SW IP2T SK22H09G9	202-K2209G9	
483		A	COIL		T001	Pending	COMMON MODE CHOKE 10UH/3A	142-B7050930	
484		A	CRYSTAL		X001	Pending	CRYSTAL 24.000MHZ HC-49/S	131-24000001	
485		A	CRYSTAL		X002	1-795-093-11	CRYSTAL 11.0592MHZ HC-49/S	131-11059201	
486		H	CONNECTOR		CN801	Pending	CONN, 12P 2.0mm JST:B12B-PH-K	197-B12BPHK	
487		H	DIODE		D801	8-719-083-12	LED-CHIP BI-COLOR 11-22VYSYGC/S530-A2	153-1122UYSY2	
488		H	DIODE		D802	Pending	LED-CHIP AMB 19-215UYC/S530-A2	153-19215UYC2	
489		H	DIODE		D803	Pending	LED-CHIP AMB 19-215UYC/S530-A2	153-19215UYC2	
490		H	SWITCH		S801	1-571-404-11	TACT SW H:5.0mm TSSB-2	202-HJTSSB2	
491		H	SWITCH		S802	1-571-404-11	TACT SW H:5.0mm TSSB-2	202-HJTSSB2	
492		H	SWITCH		S803	1-571-404-11	TACT SW H:5.0mm TSSB-2	202-HJTSSB2	
493		H	SWITCH		S804	1-571-404-11	TACT SW H:5.0mm TSSB-2	202-HJTSSB2	
494		H	SWITCH		S805	1-571-404-11	TACT SW H:5.0mm TSSB-2	202-HJTSSB2	
495		H	SWITCH		S806	1-571-404-11	TACT SW H:5.0mm TSSB-2	202-HJTSSB2	
496		H	SWITCH		S807	1-571-404-11	TACT SW H:5.0mm TSSB-2	202-HJTSSB2	

No.	#	Board	Type	! / *	Ref. No.	Part No.	Description	Remarks	Defference
497		J	CAPACITOR		C701	1-126-791-11	CAP- EC 10UFZ 16V SS 4*7 L/L	120-10616SS	
498		J	CAPACITOR		C702	1-126-791-11	CAP- EC 10UFZ 16V SS 4*7 L/L	120-10616SS	
499		J	CONNECTOR		CN701	1-815-345-12	PHONE JACK GREEN SCJ-0348P0	203-348P0CS2G	
500		J	CONNECTOR		CN702	Pending	CONN, 5P 2.0mm JST:B5B-PH-K	197-B5BPHK	
501		J	CONNECTOR		CN703	Pending	CONN, 4P 2.0mm JST:S4B-PH-K	197-S4BPHK	
502		J	RESISTOR		R701	1-215-401-12	R/C 150 1/6W J T26	100-151	
503		J	RESISTOR		R702	1-215-401-12	R/C 150 1/6W J T26	100-151	