



SERVICE MANUAL

Product Type: PLASMA
Chassis: AF-05FD
Manual Series:
Manual Part #:
Model Line:
Product Year: 2005

Model Series:

Z50PX2D

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PRODUCT SAFETY GUIDELINES

IMPORTANT SAFETY NOTICE

This manual was prepared for use only by properly trained audio-visual service technicians.

When servicing this product, under no circumstances should the original design be modified or altered without permission from Zenith Electronics Corporation. All components should be replaced only with types identical to those in the original circuit and their physical location, wiring and lead dress must conform to original layout upon completion of repairs.

CAUTION: Do not attempt to modify this product in any way.
Never perform customized installations without manufacturer's approval.
Unauthorized modifications will not only void the warranty, but may lead to property damage or user injury.

Service work should be performed only after you are thoroughly familiar with these safety checks and servicing guidelines.

GRAPHIC SYMBOLS



The exclamation point within an equilateral triangle is intended to alert the service personnel to important safety information in the service literature.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the service personnel to the presence of noninsulated "dangerous voltage" that may be of sufficient magnitude to constitute a risk of electric shock.



The pictorial representation of a fuse and its rating within an equilateral triangle is intended to convey to the service personnel the following fuse replacement caution notice:

CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ALL FUSES WITH THE SAME TYPE AND RATING AS MARKED NEAR EACH FUSE.

SERVICE INFORMATION

While servicing, use an isolation transformer for protection from AC line shock. After the original service problem has been corrected, make a check of the following:

FIRE AND SHOCK HAZARD

1. Be sure that all components are positioned to avoid a possibility of adjacent component shorts. This is especially important on items transported to and from the repair shop.
2. Verify that all protective devices such as insulators, barriers, covers, shields, strain reliefs, power supply cords, and other hardware have been reinstalled per the original design. Be sure that the safety purpose of the polarized line plug has not been defeated.
3. Soldering must be inspected to discover possible cold solder joints, solder splashes, or sharp solder points. Be certain to remove all loose foreign particles.
4. Check for physical evidence of damage or deterioration to parts and components, for frayed leads or damaged insulation (including the AC cord), and replace if necessary.

5. No lead or component should touch a receiving tube or a resistor rated at 1 watt or more. Lead tension around protruding metal surfaces must be avoided.
6. After reassembly of the set, always perform an AC leakage test on all exposed metallic parts of the cabinet (the channel selector knobs, antenna terminals, handle and screws) to be sure that set is safe to operate without danger of electrical shock. **DO NOT USE A LINE ISOLATION TRANSFORMER DURING THIS TEST.** Use an AC voltmeter having 5000 ohms per volt or more sensitivity in the following manner: Connect a 1500 ohm, 10 watt resistor, paralleled by a .15 mfd 150V AC type capacitor between a known good earth ground water pipe, conduit, etc.) and the exposed metallic parts, one at a time.
Measure the AC voltage across the combination of 1500 ohm resistor and .15 mfd capacitor. Reverse the AC plug by using a non-polarized adaptor and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.75 volts RMS. This corresponds to 0.5 milliamp AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.

TIPS ON PROPER INSTALLATION

1. Never install any receiver in a closed-in recess, cubbyhole, or closely fitting shelf space over, or close to, a heat duct, or in the path of heated air flow.
2. Avoid conditions of high humidity such as: outdoor patio installations where dew is a factor, near steam radiators where steam leakage is a factor, etc.
3. Avoid placement where draperies may obstruct venting. The customer should also avoid the use of decorative scarves or other coverings that might obstruct ventilation.
4. Wall- and shelf-mounted installations using a commercial mounting kit must follow the factory-approved mounting instructions. A product mounted to a shelf or platform must retain its original feet (or the equivalent thickness in spacers) to provide adequate air flow across the bottom. Bolts or screws used for fasteners must not touch any parts or wiring. Perform leakage tests on customized installations.
5. Caution customers against mounting a product on a sloping shelf or in a tilted position, unless the receiver is properly secured.
6. A product on a roll-about cart should be stable in its mounting to the cart. Caution the customer on the hazards of trying to roll a cart with small casters across thresholds or deep pile carpets.
7. Caution customers against using a cart or stand that has not been listed by Underwriters Laboratories, Inc. for use with its specific model of television receiver or generically approved for use with TVs of the same or larger screen size.
8. Caution customers against using extension cords. Explain that a forest of extensions, sprouting from a single outlet, can lead to disastrous consequences to home and family.

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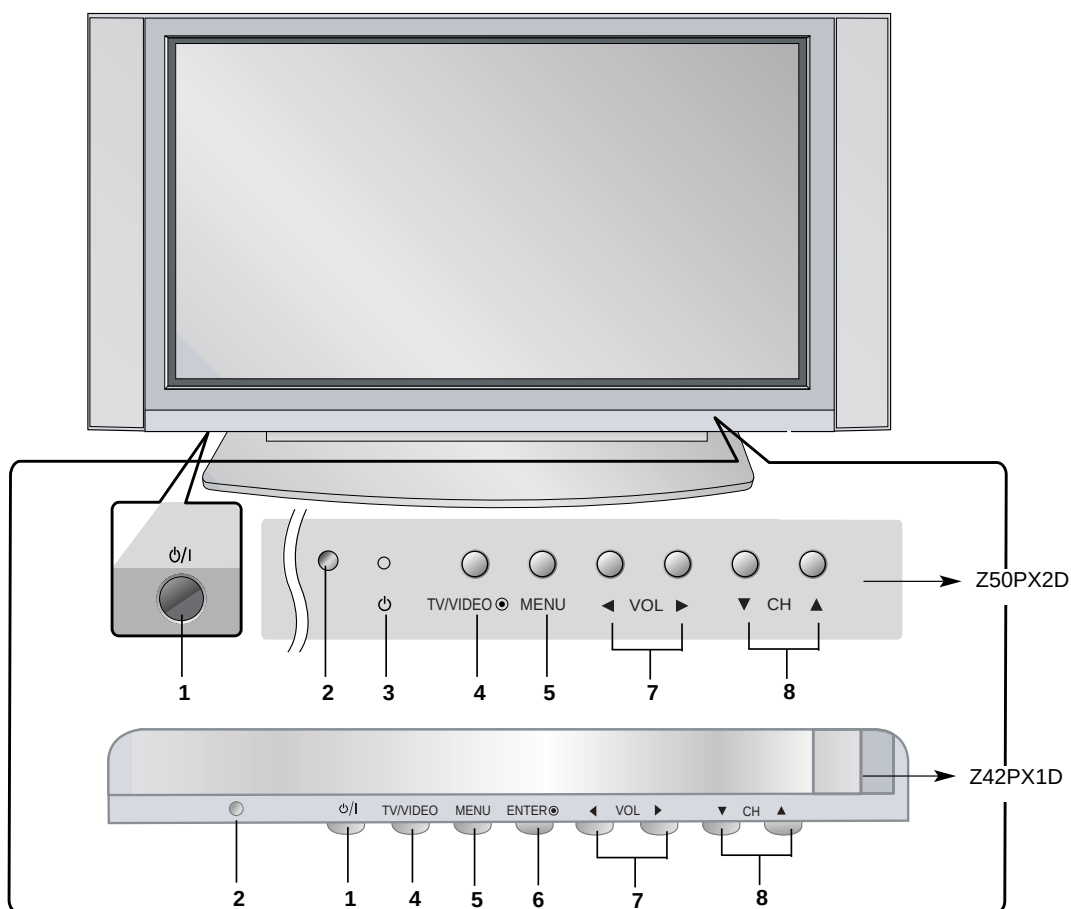
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DESCRIPTION OF CONTROLS

Controls

- This is a simplified representation of front panel.
Here shown may be somewhat different from your TV.

Front Panel Controls



1. POWER Button

2. Remote Control Sensor

3. Power Standby Indicator

-Without CableCARD™: Illuminates red in standby mode, Illuminates green when the TV is turned on.
-Inserting the CableCARD™: Illuminates orange in standby mode, Illuminates green when the TV is turned on.

4. TV/VIDEO Button

5. MENU Button

6. ENTER Button

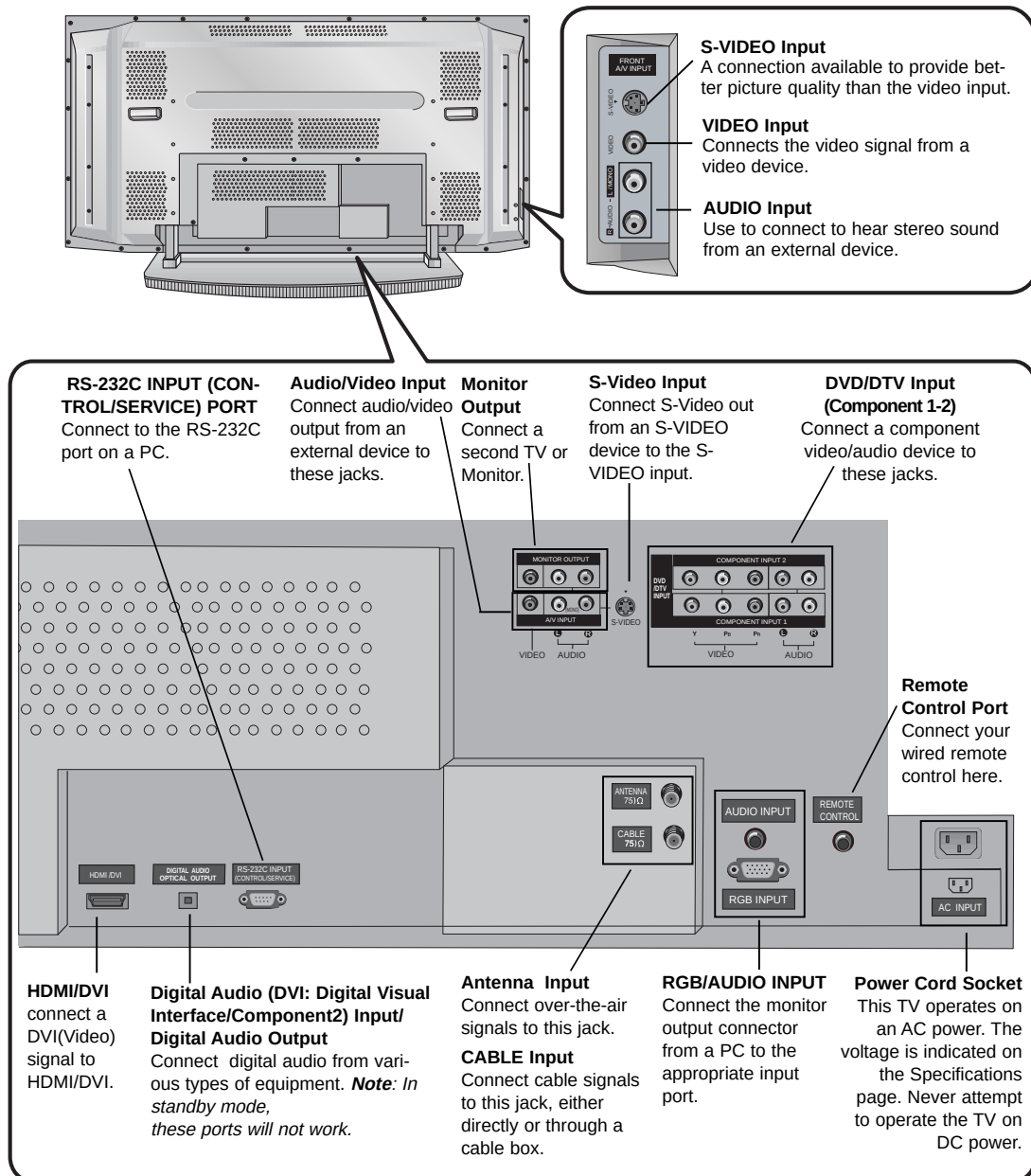
7. VOLUME (◀, ▶) Buttons

8. CHANNEL (▼, ▲) Buttons

DESCRIPTION OF CONTROLS

Connection Options

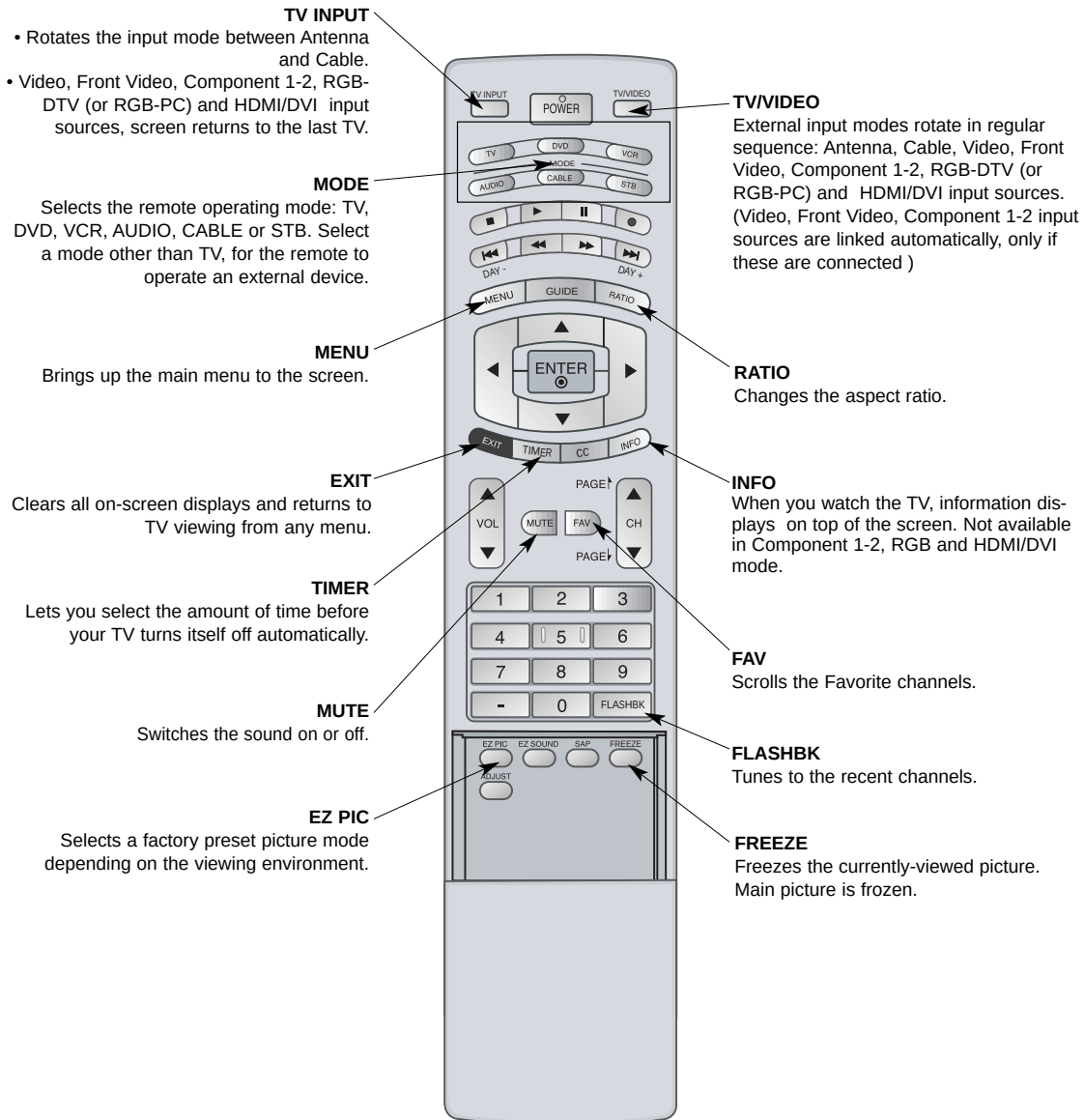
Back Connection Panel



DESCRIPTION OF CONTROLS

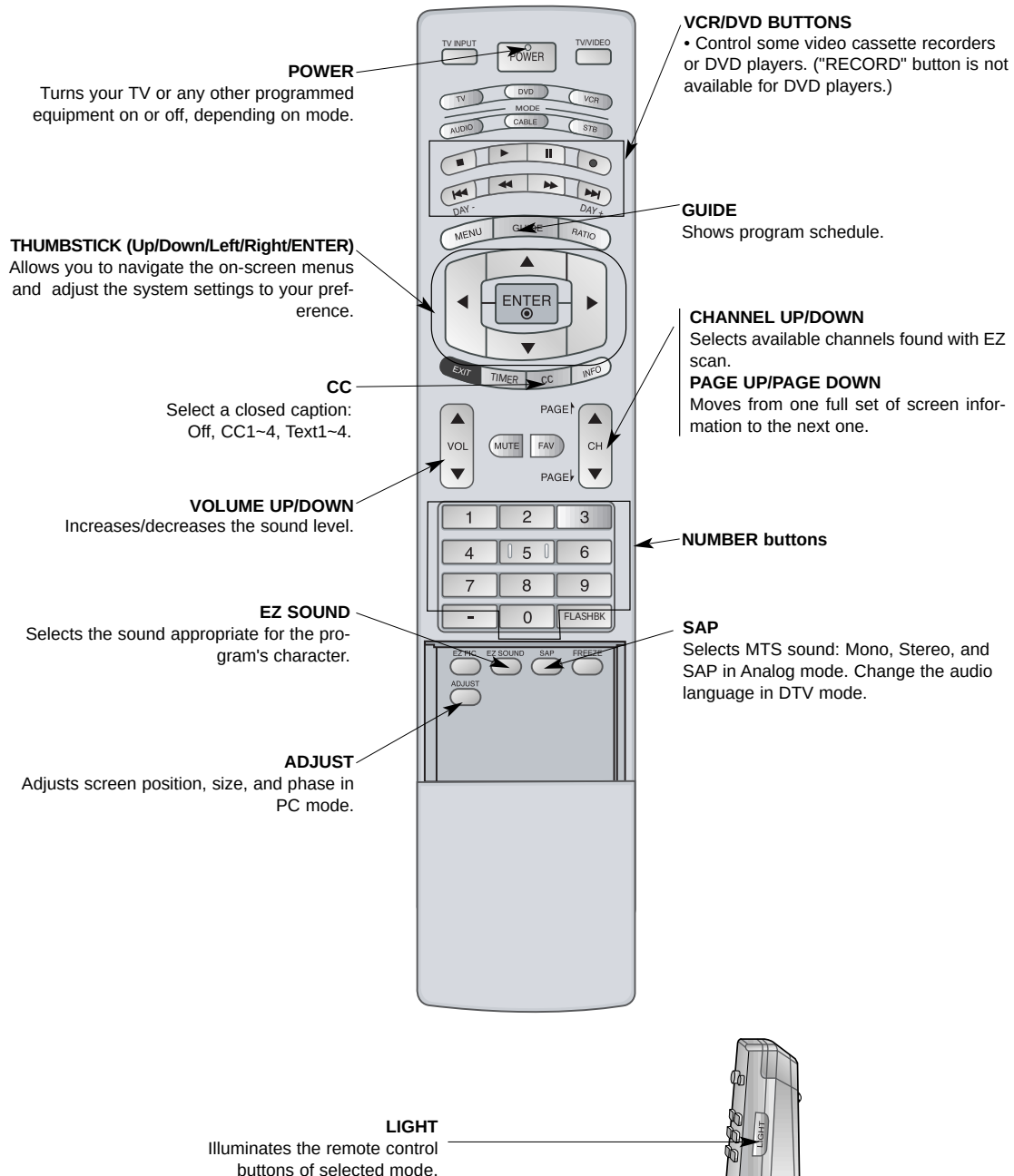
Remote Control Key Functions

- When using the remote control, aim it at the remote control sensor on the TV.



DESCRIPTION OF CONTROLS

Remote Control Key Functions



SPECIFICATIONS

MODELS	Z42PX1D	Z50PX2D
Width (inches / mm)	47.6 / 1210	55 / 1400
Height (inches / mm)	27.6 / 701	32.3 / 821
Depth (inches / mm)	11.6 / 295	12.4 / 315
Weight (pounds / kg)	79 / 35.9	114.8 / 52.05
Resolution	852 x 480 (Dot)	1366 x 768 (Dot)
Power requirement	AC100-240V ~ 50/60Hz	
Television System	NTSC-M, ATSC, 64 & 256 QAM	
Program Coverage	VHF 2 ~ 13, UHF 14 ~ 69, CATV 1 ~ 135, CADTV 1 ~ 135, DTV 2 ~ 69	
External Antenna Impedance	75 Ω	
Operating Temperature Range	32 ~ 104°F (0 ~ 40°C)	
Operating Humidity Range	Less than 80%	

- The specifications shown above may be changed without prior notice for quality improvement.

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions are applied to all of the PDP TV, AF-05FD.

Each PCB Assy must be checked by Check JIG Set before assembly. (Especially, be careful Power PCB Assy which can cause Damage to the PDP Module.)

2. Notes

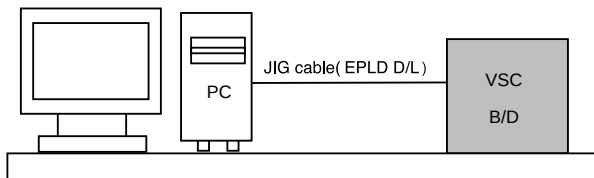
- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test equipment.
- (2) Adjustments must be done in the correct order.
- (3) The adjustments must be performed in the conditions of $25\pm5^{\circ}\text{C}$ of temperature and $65\pm10\%$ of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver be must kept 110V, 60Hz during adjustment.
- (5) The receiver must be operational for about 15 minutes prior to the adjustments.

- 1) After receiving 100% white pattern, the receiver must be operated 15 minutes prior to adjustment. (Or 8. White Pattern condition in EZ - Adjust)
- 2) Enter into White Pattern
 - Pressing POWER ON Key on Service Remote Control (S R/C)
 - Enter the Ez - Adjust by pressing ADJ Key on Service Remote Control (S R/C).
 - Select the 8. White Pattern using CH +/- Key and press the Enter(■) Key.Display the 100% Full White Pattern.

※ The set will display white screen without a signal generator in this mode.

If you turn on a still screen more than 20 minutes (Especially Digital pattern, Cross Hatch Pattern), an afterimage may occur in the black level part of the screen.

3. EPLD Download



<Fig 1> Connection Diagram of EPLD Download

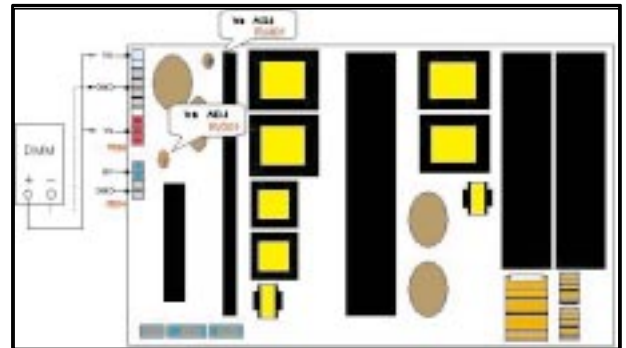
- (1) Test Equipment: PC, Jig for download
- (2) Connect the power of VSC B/D.
- (3) Execute download program(IMPACT) of PC.
- (4) After executing the hot key on the Programmer, click icon
- (5) End after confirming

4. POWER PCB Assy Voltage Adjustment (Va, Vs Voltage Adjustment)

4-1. Test Equipment : D.M.M 1EA

4-2. Connection Diagram for Measuring

Refer to Fig. 2.



<Fig. 2> Connection Diagram of Power Adjustment for the Measuring (Power Board)

4-3. Adjustment

(1) Va Adjustment

- 1) Connect + terminal of D.M.M to Va pin of P805 and connect – terminal to GND pin of P805.
- 2) Adjust RV601 voltage to match that of the label on the Top/Right of the panel. (Deviation : $\pm 0.5\text{V}$)

(2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P805 and connect – terminal to GND pin of P805.
- 2) Adjust RV401 voltage to match that of the label on the Top/Right of the panel. (Deviation : $\pm 0.5\text{V}$)

ADJUSTMENT INSTRUCTIONS

5. EDID(The Extended Display Identification Data)/DDC (Display Data Channel) download

This is the function that enables "Plug and Play".

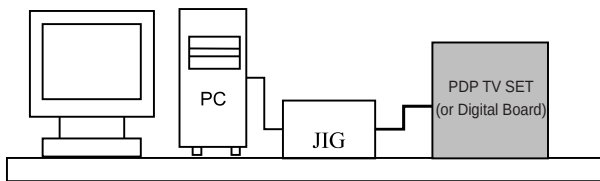
5-1. HDMI EDID Data Input

(1) Required Test Equipment

- 1) Jig for adjusting PC, DDC. (PC serial to D-sub. Connection equipment)
- 2) S/W for writing DDC(EDID data write & read)
- 3) D-Sub cable
- 4) Jig for HDMI Cable connection

(2) Preparation for Adjustments & Setting of Device

- 1) Set devices as below and turn on the PC and JIG.
- 2) Open S/W for writing DDC (EDID data write & read). (operated in DOS mode)



<Fig. 3>

5-2. EDID DATA for AF-05FD

- EDID for HDMI 1 (DDC (Display Data Channel) Data)
EDID table =

0 1 2 3 4 5 6 7 8 9 A B C D E F

```
00| 00 FF FF FF FF FF FF 00 1E 6D 01 00 01 01 01 01
10| 00 0F 01 03 80 73 41 96 0A CF 74 A3 57 4C B0 23
20| 09 48 4C 2F CE 00 31 40 45 40 61 40 01 01 01 01
30| 01 01 01 01 01 01 01 1D 00 72 51 D0 1E 20 6E 28
40| 55 00 C4 8E 21 00 00 1E 01 1D 80 18 71 1C 16 20
50| 58 2C 25 00 C4 8E 21 00 00 9E 00 00 00 FC 00 4C
60| 47 2D 54 56 0A 20 20 20 20 20 20 20 00 00 00 FD
70| 00 3B 3C 1F 2D 08 00 0A 20 20 20 20 20 01 77
80| 02 03 15 F2 46 84 85 03 02 07 06 23 15 07 50 65
90| 03 0C 00 10 00 8C 0A D0 8A 20 E0 2D 10 10 3E 96
A0| 00 C4 8E 21 00 00 18 8C 0A D0 8A 20 E0 2D 10 10
B0| 3E 96 00 13 8E 21 00 00 18 8C 0A A0 14 51 F0 16
C0| 00 26 7C 43 00 C4 8E 21 00 00 98 8C 0A A0 14 51
D0| F0 16 00 26 7C 43 00 13 8E 21 00 00 98 00 00 00
E0| 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0| 00 00 00 00 00 00 00 00 00 00 00 00 00 00 88
```

- EDID DATA for RGB

EDID table =

00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F

```
00| 00 FF FF FF FF FF FF 00 1E 6D 01 01 01 01 01 01
10| 06 0D 01 03 18 5C 34 96 08 CF 72 A3 57 4C B0 23
20| 09 45 5D EF CE 00 31 D9 31 59 45 59 01 01 01 01
30| 01 01 01 01 01 01 40 C3 1E 00 20 41 00 20 30 10 60
40| 13 00 98 08 32 00 00 18 00 00 00 FC 00 4C 47 20
50| 54 56 0A 20 20 20 20 20 20 20 00 00 00 FD 00 30
60| 4C 1E 64 0F 00 0A 20 20 20 20 20 20 00 00 00 00
70| 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C5
```

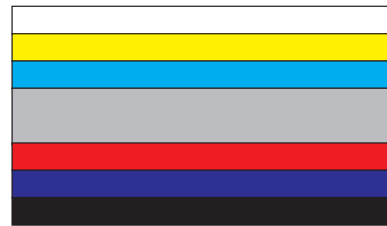
6. AD9883A-Set Adjustment

6-1. Synopsis

AD9883A-Set adjustment to set the black level and the Gain of optimum with an automatic movement from the analog => digital converter.

6-2. Test Equipment

Service R/C, MSPG925FA Pattern Generator(720P The Horizontal 100% Color Bar Pattern output will be possible and the output level will accurately have to be adjusted to 0.7±0.1Vp-p)



<Fig. 4> Adjustment Pattern : 720P/60Hz HozTV31Bar Pattern

6-3. Adjustment

- (1) Select Component1 or Component2 as the input with 100% Horizontal Color Bar Pattern(HozTV31Bar) in 720p Mode and select 'Normal' on screen.
- (2) After receiving signal for at least 1 second, press the ADJ Key on the Service R/C to enter the 'Ez - Adjust' and select the '2. AD9883A-Set'.
Pressing the Enter Key to adjust with automatic movement.
- (3) When the adjustment is over, 'AD9883A Component Success' is displayed. If the adjustment has errors, 'AD9883A Configuration Error' is displayed.
- (4) After the Component AD9883A adjustment is over, convert the RGB-DTV Mode and display Pattern.
When the adjustment is over, 'AD9883A RGB_DTV Success' is displayed. If the adjustment has errors, 'AD9883A Configuration Error' is displayed.
- (5) Readjust after confirming the case Pattern or adjustment condition where the adjustment had errors.
- (6) After adjustment is complete, exit the adjustment mode by pressing the ADJ KEY.

ADJUSTMENT INSTRUCTIONS

7. Adjustment of White Balance

7-1. Required Equipment

- (1) Color analyzer (CA-100 or similar product)
- (2) Automatic adjustor (with automatic adjustment hour necessity and the RS-232C communication being possible)
- (3) Pattern Generator(MSPG-925FA): DVI Output

✳ **RS-232C Command** (Automatic Adjustment)

[42"]

	RS-232C COMMAND			Min	CENTER(DEFAULT)			Max
	Cool	Med	Warm		Cool	Med	Warm	
R Gain	jg	ja	jd	00	C0	C0	C0	ff
G Gain	jh	jb	je	00	91	B3	BD	ff
B Gain	ji	jc	jf	00	4C	95	B7	ff
R Cut					40	40	40	7f
G Cut					40	40	40	7f
B Cut					40	40	40	7f

[50"]

	RS-232C COMMAND			Min	CENTER(DEFAULT)			Max
	Cool	Med	Warm		Cool	Med	Warm	
R Gain	jg	ja	jd	00	b8	c0	c0	ff
G Gain	jh	jb	je	00	bd	b8	96	ff
B Gain	ji	jc	jf	00	c0	b1	54	ff
R Cut					40	40	40	7f
G Cut					40	40	40	7f
B Cut					40	40	40	7f

- (5) Adjust the Hight Light using R Gain/G Gain(Cool).
Adjust the Hight Light using G Gain/B Gain(Medium).
Adjust the Hight Light using G Gain/B Gain(Warm).

- (6) Adjust using Volume +/- KEY.
After adjustment is complete, exit the adjustment mode by pressing the ADJ KEY.

High Level: 216gray

[Cool]

X; 0.278±0.002 Y; 0.279±0.002
Color temperature: 11000°K±1000°K

[Medium]

X; 0.287±0.002 Y; 0.289±0.002
Color temperature: 9300°K±1000°K

[Warm]

X; 0.315±0.002 Y; 0.316±0.002
Color temperature: 6500°K±1000°K

7-3. Adjustment of White Balance

- Operate the Zero-calibration of the CA-100, then attach sensor to PDP module surface when you adjust.
- Manual adjustment is also possible by the following sequence.

- (1) Enter 'Ez - Adjust' by pressing ADJ KEY on the Service Remote Control.
- (2) Select "8. WHITE PATTERN" using CH +/- Key and HEAT RUN at least 30 minutes by pressing the ENTER Key.
- (3) Receive the Window pattern signal from Digital Pattern Generator. (AV Input: connect the 'HDMI')
- (4) After attaching sensor to center of screen, select '5. White-Balance' of 'Ez - Adjust' by pressing the ADJ KEY on the Service R/C. Then enter adjustment mode by pressing the Right KEY (▶) .

ADJUSTMENT INSTRUCTIONS

8. Video(uPD)

8-1. Required Equipment

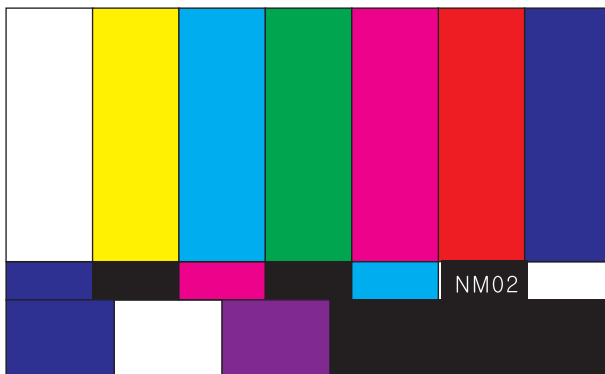
MSPG925FA Pattern Generator-connector with Video Input

8-2. MSG925FA Adjustment

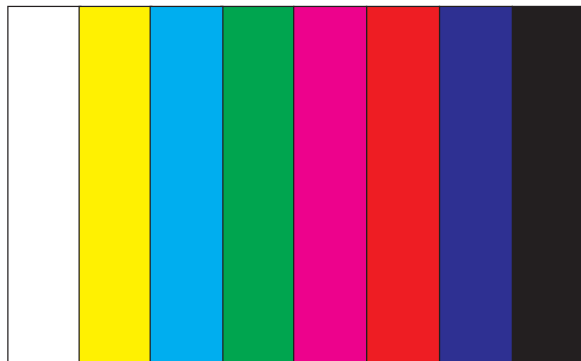
- (1) After select the model, input the #201(NTSC-M).
- (2) Receive the 100% Color Bar Pattern.(Pattern #32)
- (3) Select the Reverse button and select the signal as below figure.

8-3. Adjustment

- (1) After receive signal to Ant input, CVBS output of MSPG925FA to Video and confirm the signal receiving.
- (2) Enter the 'EZ-ADJUST' by pressing the ADJ Key on the Service R/C.
- (3) Select '3. Video(uPD)-Set' and enter the adjustment mode by pressing the right key(▶).
- (4) When enter the adjustment mode, displayed the TV 2CH Screen automatic at picture and appear as below figure.

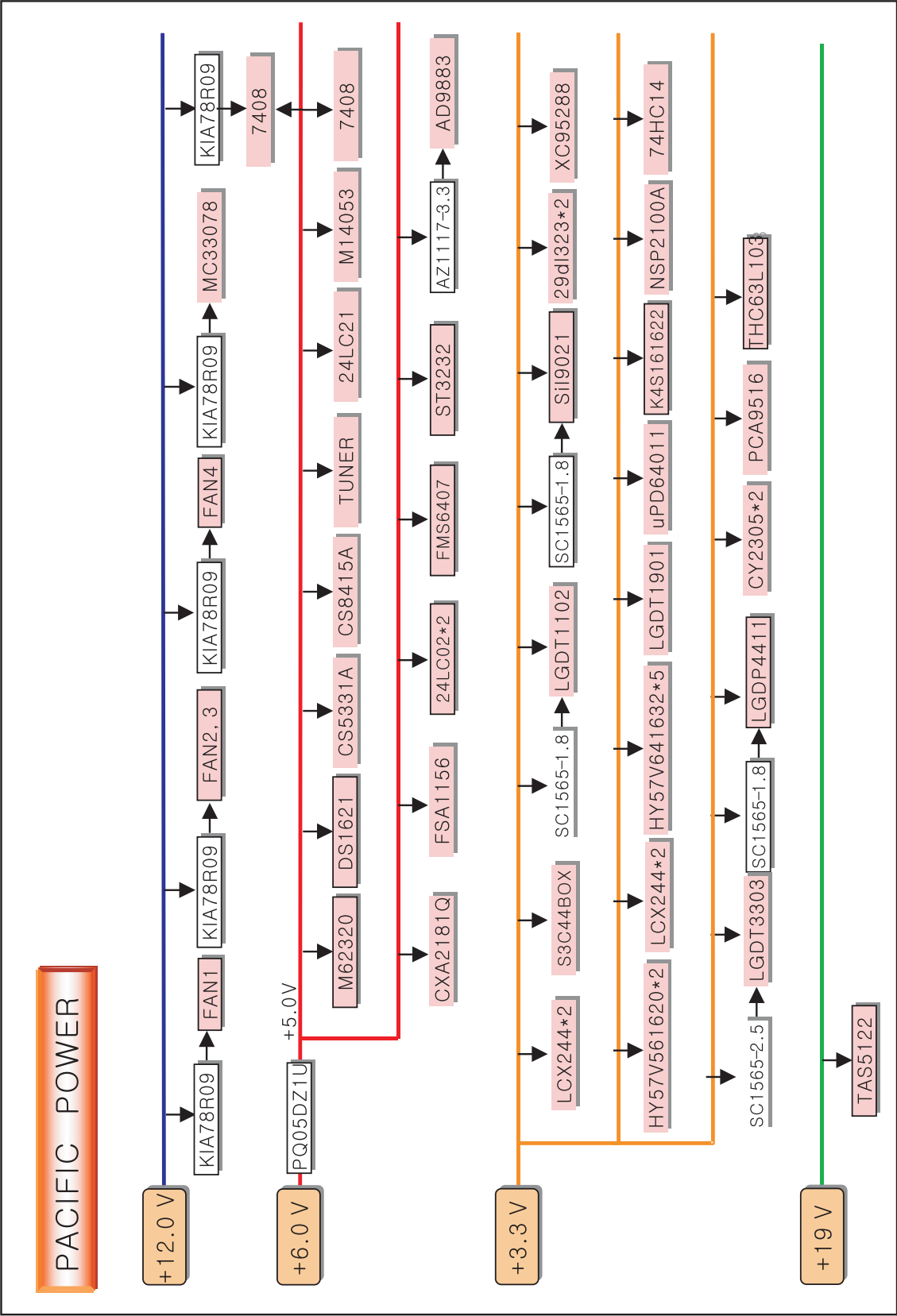


- (5) When the automatic adjustment is over, 'RF Configuration Success' is displayed. If the adjustment has errors, 'Video Configuration Error' is displayed.
- (6) After the RF signal automatic adjustment is over, convert the Video Mode as below figure and adjust with automatic movement the Video Mode.
When the automatic adjustment is over, 'Video Configuration Success' is displayed. If the adjustment has errors, 'Video Configuration Error' is displayed.

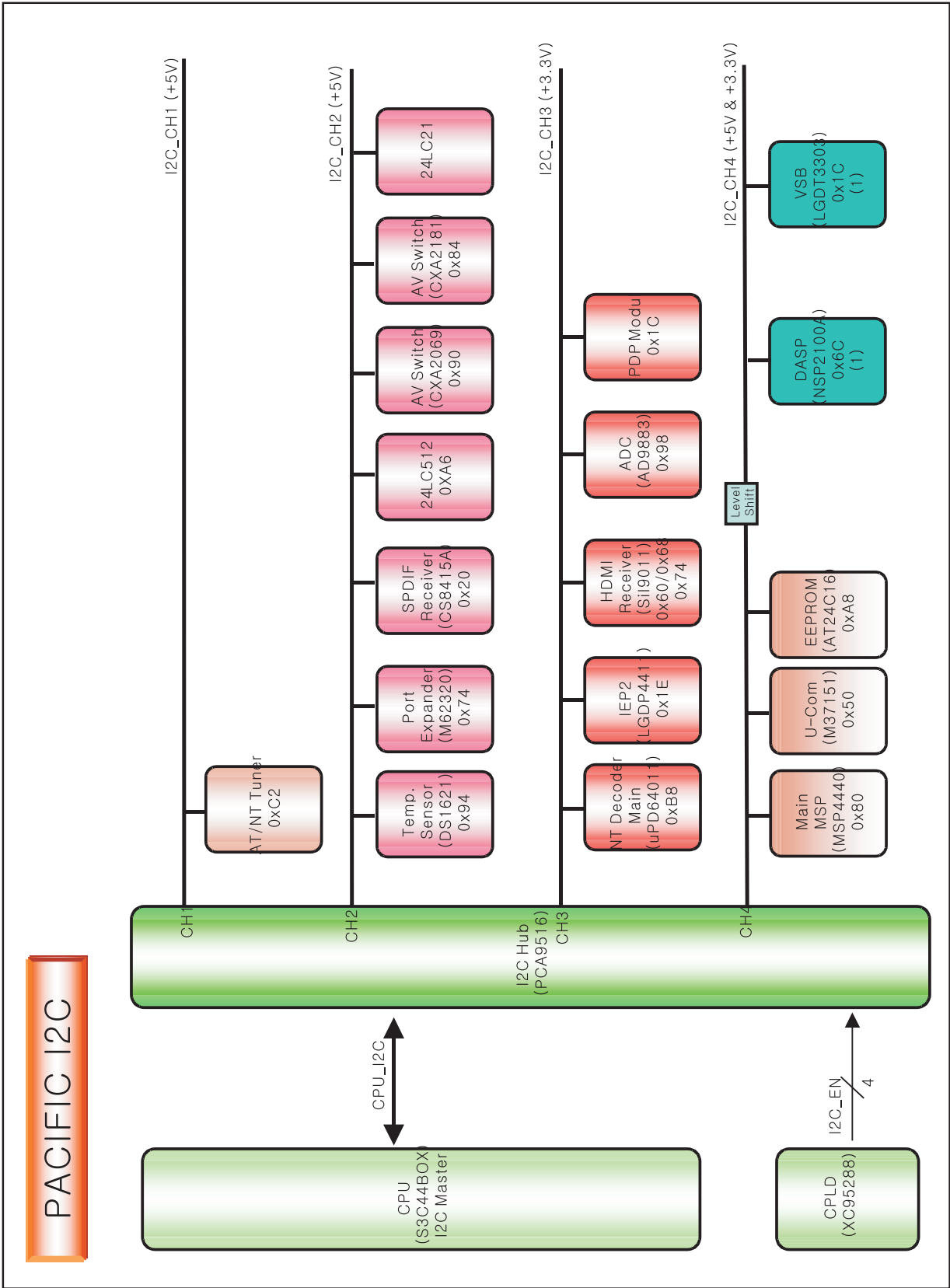




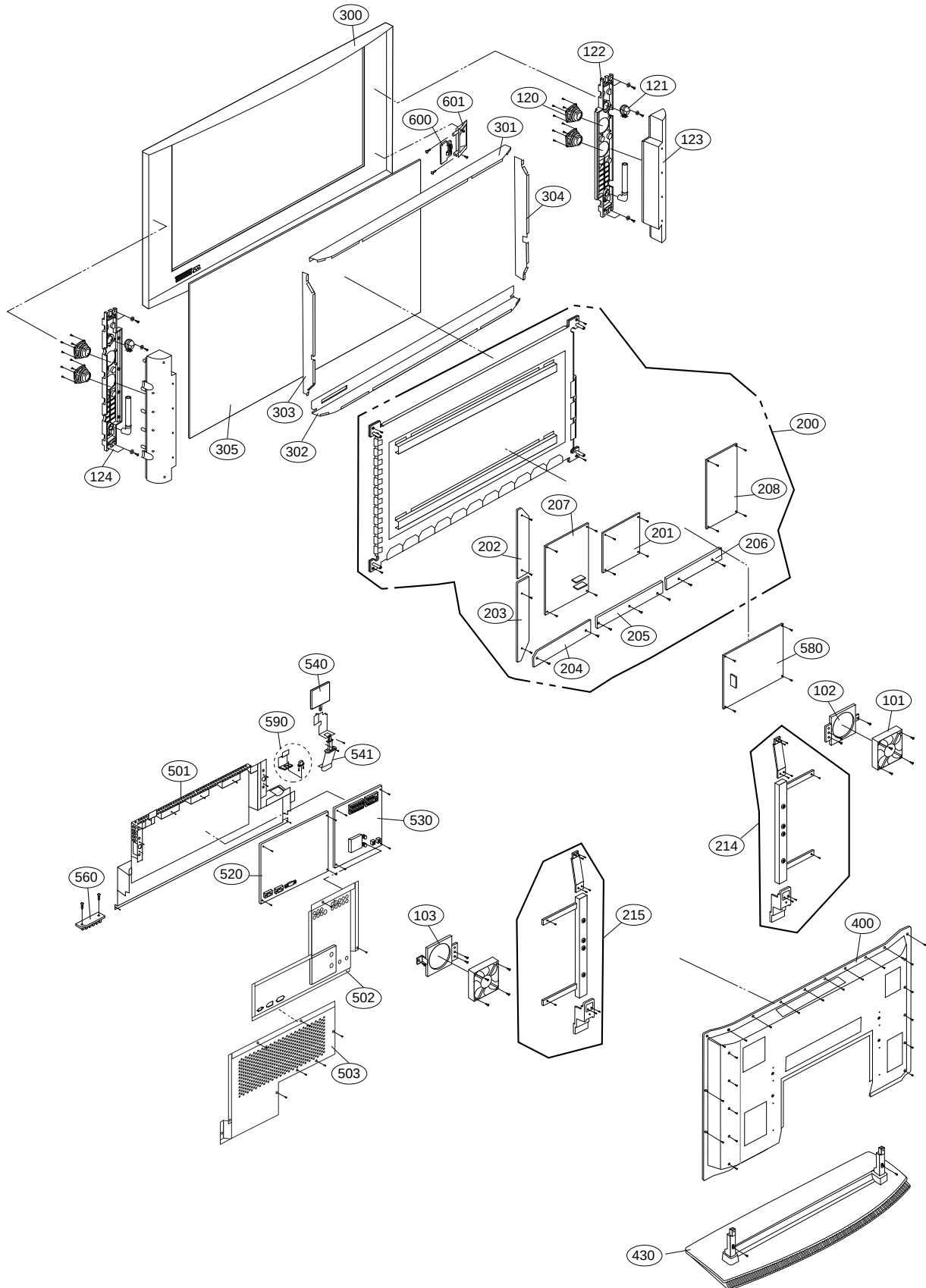
BLOCK DIAGRAM



BLOCK DIAGRAM



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
101	5900V12003B	FAN,DC D12025S SDS 120MM*120MM*25MM 12V/0.2A 1300 5V-13.2V RPM
102	4980V01018A	SUPPORTER,FAN EGI LEFT PDP DN-50PY10
103	4980V01017A	SUPPORTER,FAN EGI RIGHT PDP DN-50PY10
120	6400WTTX01A	SPEAKER,WOOFER N21C-6539-27C 16 OHM 10/15W 78DB OTHERS 56MM*56MM
121	6400TTTX01A	SPEAKER,TWEETER N08D-6560 8 OHM 10/15W 77DB OTHERS 29MM*29MM
122	3110V00351A	CASE,FRONT (R)SPEAKER DN-50PY10 ABS PDP
123	3550V00396A	COVER,DUCT DN-50PY10 ABS PDP
124	3110V00352A	CASE,FRONT (L)SPEAKER DN-50PY10 ABS PDP
200	6348Q-C043E	PDP,50 1365*768 PDP50X30000.DDRSA
201	6871QCH059A	PCB ASSEMBLY,DISPLAY CTRL ASSY 50X3 CTRL LGPCM1224
202	6871QDH088A	PCB ASSEMBLY,DISPLAY YDRV ASSY 50X3 YDRV TOP
203	6871QDH089A	PCB ASSEMBLY,DISPLAY YDRV ASSY 50X3 YDRV BOTTOM
204	6871QLH049A	PCB ASSEMBLY,DISPLAY XRLT ASSY 50X3 X-LEFT(TCP)
205	6871QXH030A	PCB ASSEMBLY,DISPLAY XRCT ASSY _ 50X3 X-CENTER (TCP)
206	6871QRH057A	PCB ASSEMBLY,DISPLAY XRRT ASSY 50X3 X-RIGHT (TCP)
207	6871QYH039A	PCB ASSEMBLY,DISPLAY YSUS ASSY FOR 50X3
208	6871QZH044A	PCB ASSEMBLY,DISPLAY ZSUS ASSY FOR 50X3
214	4980V00D78B	SUPPORTER,SKD 50PX1D-UC VERTICAL ASSY LEFT
215	4980V00D77B	SUPPORTER,50PX1D-UC SKD VERTICAL ASSY RIGHT
300	3091V00678B	CABINET ASSEMBLY,50PX2D-UD NON 3090V00593 LGERS, PHANTOM
301	4980V01112E	SUPPORTER ASSY,AL FILTER TOP 50PX2D-UD C/SKD
302	4980V01113E	SUPPORTER ASSY,AL FILTER BOTTOM 50PX2D-UD C/SKD
303	4980V01114E	SUPPORTER ASSY,EGI FILTER SIDE RIGHT 50PX2D-UD C/SKD
304	4980V01115E	SUPPORTER ASSY,EGI FILTER SIDE LEFT 50PX2D-UD C/SKD
305	5230V00017A	FILTER(MECH),LGM50-01 MITSUI 50 CLASS B GLASS FILTER
400	3809V00463Q	BACK COVER ASSEMBLY,50PX2D-UD NON C TYPE-C/SKD
430	3501V00186H	BOARD ASSEMBLY,STAND 50PX1D-UC NON LGERS SKD
501	3301V00070C	PLATE ASSEMBLY,AV PLATE ASSY. 50PX2D PRESS
502	3301900003A	PLATE ASSEMBLY,REAR 3300V00620 A/V
503	3301900002B	PLATE ASSEMBLY,REAR 3300V00619 MAIN, C/SKD
520	6871VMM903B	PCB ASSEMBLY,MAIN AF-05FD 50PX2D-UD DIGITAL
530	68719SM145A	PCB ASSEMBLY,SUB AF05FD 50PX2D-UD SUSLZBR RS SKD A/V ASSY
540	6871VSMF97A	PCB ASSEMBLY,SUB PSW AF044P POWERSWITCH
541	5020V01068B	BUTTON,POWER 50PX1D-UC ABS 1KEY .
560	6871VSMF18A	PCB ASSEMBLY,SUB CONT AF05FD 50PX2D-UD CONTROLKEY
580	6709V00001A	POWER SUPPLY ASSEMBLY,PDP 50INCH 480W 1H259W SANKEN 50 INCH LOW END PSU
590	31419SF004A	CHASSIS ASSEMBLY,SUB AF05FC 50PX1D-UC AC INET
600	6871VSMT96A	PCB ASSEMBLY,SUB A/V AF05FB DU-50PX41S SIDE A/V
601	4811V00118P	BRACKET ASSEMBLY,SIDE AV 42PX2D-UC AF044A SKD

REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyester
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

RUN DATE : 2005.6.14

LOCA. NO	PART NO	DESCRIPTION
IC		
IC100	0IMMRAL014B	AT24C02N-10SI-2.7 8P
IC100	0IMCRSS016A	S3C44BOX01-EDRO LQFP-160 TRAY CPU
IC1000	0IMCRSH001A	PQ05DZ1U SHARP 5
IC1001	0IMCRSH001A	PQ05DZ1U SHARP 5
IC1002	0ILNR00015A	NSP-2100A 64P DIGITAL AUDIO
IC1003	0IMCRTI028C	TAS5122DCARG4 56P
IC1004	0IMCRMN027D	MSP4440K 80P MULTI SOUND
IC1005	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC1006	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC1007	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P
IC1008	0IMCRFA010A	KA7809R 2P
IC101	0IKE702900G	KIA7029AF SOT-89 TP 2.9V
IC101	0IMCRSO025A	CXA2181Q SONY 48P
IC102	0IPH740800M	74F08D 14P
IC103	0ISO206900A	CXA2069Q QFP64 BK I2C BUS AV S/W
IC103	0IPH741400E	74HC14D 14SOP
IC104	0ISTL00024A	MC14053BDR2G 16P
IC107	0IMMRSS041D	K4S641632H-TL75 54P
IC108	0IMMRSS041D	K4S641632H-TL75 54P
IC110	0IKE704200J	KIA7042AF SOT-89 TP 4.2V
IC1100	0ICTMLG019A	LGDT3303 100P
IC1101	0IPRP00538A	FSA1156P6X-NL 6P
IC111	0IMCRAL006A	AT24C16AN-10SU-2.7 8P
IC200	0IPRP00009A	ICL3232CBNZ 16P RS232
IC200	0IMCRSH001A	PQ05DZ1U SHARP 5
IC201	0IMCRPH026B	PA9516APW PHILIPS 16P
IC201	0IMCRFA010A	KA7809R, FAIRCHILD 2P
IC202	0IMCRAL021A	AT24C512W-10SI-2.7 8P
IC203	0IMCRXL004A	XC95288XL-10TQG144C 144P
IC300	0IPRPFA015A	FMS6410CSX-NL(PB-FREE) 8P
IC301	0IPMGSG018C	LD1086DT15TR 2P
IC302	0IPRPNE008A	UPD64011BGM-8ED-A 160
IC303	0ISS416162D	K4S161622H-UC80 50P
IC304	0IPRPFA016A	FMS6407MTC20X-NL(PB-FREE) 20P
IC305	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P
IC306	0IMCRAD002A	AD9883AKST-110 80P
IC400	0ICTMLG009C	LGDT1102C HD2.3 SBGA-432P
IC401	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC500	0IMMRSS041F	K4S641632H-UC60 54P
IC501	0IMMRSS041F	K4S641632H-UC60 54P
IC502	0IMMRSS041F	K4S641632H-UC60 54P
IC503	0IMMRSS041F	K4S641632H-UC60 54P
IC504	0IMCRCY001A	CY2305SXC-1HT 8P
IC505	0ICTMLG013A	LGDT1901A LG IC 24P
IC600	0IPRPS5005A	SII9011CLU(PB FREE) 128P
IC602	0IMMRAL014B	AT24C02N-10SI-2.7 8P

LOCA. NO	PART NO	DESCRIPTION
IC603	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC700	0IMCRFA013A	74LCX244MTC 20P
IC701	0ICB533100A	CS5331A-KSR 8SOIC TP ADC -
IC702	0IMO330780B	MC33078D 8/SOIC LINEAR +-18V OP AMP
IC703	0IPMGKE032A	KIA78R09F 5PIN
IC704	0ICB841500B	CS8415A-CZR 28P
IC800	0IMI623200B	M62320FP 16P
IC801	0IPRPNS054A	LM75CIMX-3 8P
IC802	0IMCRSJ001B	SC1565IST-2.5TR 2.5V 1.5A 3P SOT-223
IC803	0IMCRSH001A	PQ05DZ1U SHARP 5
IC804	0IPMGKE032A	KIA78R09F 5PIN
IC805	0IPMGKE032A	KIA78R09F 5PIN
IC900	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC902	0ICTMLG018B	LGDP4411 IEP2 LG IC 208P
IC903	0IMCRTH002A	THC63LVD103 64P
IC906	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P
TRANSISTOR		
Q100	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1000	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1001	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1002	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1003	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1004	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1005	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1006	0TR102008AA	KRA102S SOT23 CHIP TR
Q1008	0TR830009BA	BSS83
Q101	0TR102009AG	CHIP KRC102S KEC TP SOT-23
Q101	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q101	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q102	0TR102009AG	CHIP KRC102S KEC TP SOT-23
Q102	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q102	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q103	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q104	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q105	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q106	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q107	0TR830009BA	BSS83
Q107	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q108	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q109	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q110	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1100	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1101	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q111	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q112	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q113	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q114	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
Q115	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1008	0CK102CK56A	1000PF 1608 50V 0.1
Q117	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1009	0CC020CK01A	2PF 1608 50V 0.25 PF
Q118	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C101	0CK104CK56A	0.1UF 1608 50V 10%
Q119	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C101	0CK104DK56A	0.1UF 2012 50V 10%
Q120	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1010	0CC020CK01A	2PF 1608 50V 0.25 PF
Q121	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1011	0CC101CK41A	100PF 1608 50V 5%
Q122	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1012	0CK104CK56A	0.1UF 1608 50V 10%
Q123	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1013	0CE476WH6DC	47UF MVK 25V 20%
Q124	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1014	0CC560CK41A	56PF 1608 50V 5%
Q140	0TR102008AA	KRA102S SOT23 CHIP TR	C1015	0CC560CK41A	56PF 1608 50V 5%
Q141	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1016	0CC560CK41A	56PF 1608 50V 5%
Q300	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1017	0CK105DF64A	1UF 2012 16V 20%
Q301	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1018	0CK104CK56A	0.1UF 1608 50V 10%
Q302	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1019	0CK104CK56A	0.1UF 1608 50V 10%
Q303	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C102	0CC220CK41A	22PF 1608 50V 5%
Q304	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1022	0CE476WH6DC	47UF MVK 25V 20%
Q305	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1023	0CK104CK56A	0.1UF 1608 50V 10%
Q500	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1024	0CK104CK56A	0.1UF 1608 50V 10%
Q501	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1025	0CE476WH6DC	47UF MVK 25V 20%
Q600	0TR830009BA	BSS83	C1026	0CE335WK6D8	3.3UF MVK,RC 50V 20%
Q601	0TR830009BA	BSS83	C1027	0CK104CK56A	0.1UF 1608 50V 10%
Q602	0TR830009BA	BSS83	C1028	0CK103CK56A	0.01UF 1608 50V 10%
Q603	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1029	0CK102CK56A	1000PF 1608 50V 0.1
DIODE			C103	0CC220CK41A	22PF 1608 50V 5%
D100	0DD184009AA	KDS184 TP KEC 85V 300MA	C103	0CE4763F618	47UF SRE,SE 16V 20%
D101	0DD181009AB	KDS181 TP KEC 85V 300MA	C1030	0CK104CK56A	0.1UF 1608 50V 10%
D106	0DD184009AA	KDS184 TP KEC 85V 300MA	C1031	0CK104CK56A	0.1UF 1608 50V 10%
D1100	0DL233309AC	LED,SAM2333	C1032	0CK474CH94A	0.47UF 1608 25V 80%,-20%
D1101	0DL233309AC	LED,SAM2333	C1033	0CK222CK51A	2200PF 1608 50V 10%
D115	0DD184009AA	KDS184 TP KEC 85V 300MA	C1035	0CK474CH94A	0.47UF 1608 25V 80%,-20%
D200	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1038	0CK222CK51A	2200PF 1608 50V 10%
D201	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1040	0CK104CK56A	0.1UF 1608 50V 10%
D202	0DL233309AC	LED,SAM2333	C1042	0CK222CK51A	2200PF 1608 50V 10%
D203	0DL233309AC	LED,SAM2333	C1043	0CK222CK51A	2200PF 1608 50V 10%
D600	0DD184009AA	KDS184 TP KEC 85V 300MA	C1044	0CK103CK56A	0.01UF 1608 50V 10%
IC102	0DD184009AA	KDS184 TP KEC 85V 300MA	C1045	0CK222CK51A	2200PF 1608 50V 10%
LD101	0DL200000CA	LED,SAM5670(DL-2LRG)	C1046	0CC101CK41A	100PF 1608 50V 5%
LED802	0DL233309AC	LED,SAM2333	C1047	0CK222CK51A	2200PF 1608 50V 10%
ZD1000	0DZRM00248A	ZENERS,RLZ8.2B-TE11	C1048	0CK105DF64A	1UF 2012 16V 20%
CAPACITOR			C1049	0CK104CK56A	0.1UF 1608 50V 10%
C100	0CK104CK56A	0.1UF 1608 50V 10%	C105	0CC821CK41A	820PF 1608 50V 5%
C100	0CE476WH6DC	47UF MVK 25V 20%	C1050	0CK222CK51A	2200PF 1608 50V 10%
C1000	0CK104CK56A	0.1UF 1608 50V 10%	C1051	0CK105DF64A	1UF 2012 16V 20%
C1001	0CK104CK56A	0.1UF 1608 50V 10%	C1052	0CK222CK51A	2200PF 1608 50V 10%
C1002	0CK104CK56A	0.1UF 1608 50V 10%	C1053	0CK104CK56A	0.1UF 1608 50V 10%
C1003	0CK104CK56A	0.1UF 1608 50V 10%	C1054	0CK103CK56A	0.01UF 1608 50V 10%
C1004	0CK104CK56A	0.1UF 1608 50V 10%	C1055	0CC471CK41A	470PF 1608 50V 5%
C1005	0CK104CK56A	0.1UF 1608 50V 10%	C1056	0CE335WK6D8	3.3UF MVK,RC 50V 20%
C1006	0CE476WH6DC	47UF MVK 25V 20%	C1057	0CK104CK56A	0.1UF 1608 50V 10%
			C1058	0CE107WF6DC	100UF MVK 16V 20%
			C106	0CK104CK56A	0.1UF 1608 50V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C106	0CE476WH6DC	47UF MVK 25V 20%	C1118	0CK103CK56A	0.01UF 1608 50V 10%
C1062	0CK104CK56A	0.1UF 1608 50V 10%	C112	0CK103CK56A	0.01UF 1608 50V 10%
C1063	0CK104CK56A	0.1UF 1608 50V 10%	C1121	0CK104CK56A	0.1UF 1608 50V 10%
C1064	0CK104CK56A	0.1UF 1608 50V 10%	C1121	0CE105WK6DC	1UF MVK 50V 20%
C1065	0CK104CK56A	0.1UF 1608 50V 10%	C1122	0CE476WH6DC	47UF MVK 25V 20%
C1066	0CK104CK56A	0.1UF 1608 50V 10%	C1123	0CK104CK56A	0.1UF 1608 50V 10%
C1067	0CK103CK56A	0.01UF 1608 50V 10%	C1123	0CE105WK6DC	1UF MVK 50V 20%
C1068	0CK103CK56A	0.01UF 1608 50V 10%	C1124	0CK104CK56A	0.1UF 1608 50V 10%
C1069	0CK104CK56A	0.1UF 1608 50V 10%	C1125	0CK104CK56A	0.1UF 1608 50V 10%
C107	0CK104CK56A	0.1UF 1608 50V 10%	C1126	0CK104CK56A	0.1UF 1608 50V 10%
C1070	0CE108EJK18	1000UF KMG,RD 35V 20%,-20%	C1126	0CK104DK56A	0.1UF 2012 50V 10%
C1072	0CK104CK56A	0.1UF 1608 50V 10%	C1127	0CK104CK56A	0.1UF 1608 50V 10%
C1073	0CK333CK56A	33000PF 1608 50V 10%	C1127	0CK104DK56A	0.1UF 2012 50V 10%
C1074	0CK333CK56A	33000PF 1608 50V 10%	C1128	0CK104CK56A	0.1UF 1608 50V 10%
C1075	0CK333CK56A	33000PF 1608 50V 10%	C1128	0CK104DK56A	0.1UF 2012 50V 10%
C1076	0CK333CK56A	33000PF 1608 50V 10%	C1129	0CK104CK56A	0.1UF 1608 50V 10%
C1077	0CE108EJK18	1000UF KMG,RD 35V 20%,-20%	C1129	0CE225WK6DC	2.2UF MVK,RC 50V 20%
C1078	0CE475WK6DC	4.7UF MVK,RC 50V 20%	C113	0CK103CK56A	0.01UF 1608 50V 10%
C1079	0CE475WK6DC	4.7UF MVK,RC 50V 20%	C1130	0CK104CK56A	0.1UF 1608 50V 10%
C108	0CK104DK56A	0.1UF 2012 50V 10%	C1130	0CK104DK56A	0.1UF 2012 50V 10%
C1080	0CK103CK56A	0.01UF 1608 50V 10%	C1131	0CK104CK56A	0.1UF 1608 50V 10%
C1081	0CK103CK56A	0.01UF 1608 50V 10%	C1132	0CK104DK56A	0.1UF 2012 50V 10%
C1082	0CK103CK56A	0.01UF 1608 50V 10%	C1132	0CE105WK6DC	1UF MVK 50V 20%
C1083	0CK103CK56A	0.01UF 1608 50V 10%	C1133	0CE227SF6DC	220UF MVG 16V 20%
C1084	0CF4741L438	0.47UF D 63V 5%	C1134	0CK104CK56A	0.1UF 1608 50V 10%
C1085	0CF4741L438	0.47UF D 63V 5%	C1135	0CK104CK56A	0.1UF 1608 50V 10%
C1086	0CK104CK56A	0.1UF 1608 50V 10%	C1136	0CK104CK56A	0.1UF 1608 50V 10%
C1087	0CK103CK56A	0.01UF 1608 50V 10%	C1136	0CK104DK56A	0.1UF 2012 50V 10%
C1088	0CK103CK56A	0.01UF 1608 50V 10%	C1137	0CK104CK56A	0.1UF 1608 50V 10%
C1089	0CK103CK56A	0.01UF 1608 50V 10%	C1137	0CK104DK56A	0.1UF 2012 50V 10%
C109	0CK104CK56A	0.1UF 1608 50V 10%	C1138	0CK104CK56A	0.1UF 1608 50V 10%
C1090	0CK103CK56A	0.01UF 1608 50V 10%	C1138	0CK104DK56A	0.1UF 2012 50V 10%
C110	0CK104CK56A	0.1UF 1608 50V 10%	C1139	0CK104CK56A	0.1UF 1608 50V 10%
C1100	0CK103CK56A	0.01UF 1608 50V 10%	C1139	0CK104DK56A	0.1UF 2012 50V 10%
C1103	0CE476WH6DC	47UF MVK 25V 20%	C114	0CK104CK56A	0.1UF 1608 50V 10%
C1104	0CE476WH6DC	47UF MVK 25V 20%	C114	0CK104DK56A	0.1UF 2012 50V 10%
C1104	0CE105WK6DC	1UF MVK 50V 20%	C1140	0CK104CK56A	0.1UF 1608 50V 10%
C1105	0CK103CK56A	0.01UF 1608 50V 10%	C1140	0CK104DK56A	0.1UF 2012 50V 10%
C1106	0CK103CK56A	0.01UF 1608 50V 10%	C1141	0CK104CK56A	0.1UF 1608 50V 10%
C1107	0CK104DK56A	0.1UF 2012 50V 10%	C1141	0CK104DK56A	0.1UF 2012 50V 10%
C1107	0CE476WH6DC	47UF MVK 25V 20%	C1142	0CK104CK56A	0.1UF 1608 50V 10%
C1108	0CK103CK56A	0.01UF 1608 50V 10%	C1143	0CK104CK56A	0.1UF 1608 50V 10%
C1108	0CK104DK56A	0.1UF 2012 50V 10%	C1144	0CK104CK56A	0.1UF 1608 50V 10%
C1109	0CK104CK56A	0.1UF 1608 50V 10%	C1147	0CK104CK56A	0.1UF 1608 50V 10%
C1109	0CK104DK56A	0.1UF 2012 50V 10%	C1148	0CK104CK56A	0.1UF 1608 50V 10%
C111	0CK103CK56A	0.01UF 1608 50V 10%	C1149	0CK104CK56A	0.1UF 1608 50V 10%
C1110	0CK104DK56A	0.1UF 2012 50V 10%	C115	0CK104CK56A	0.1UF 1608 50V 10%
C1111	0CE476WH6DC	47UF MVK 25V 20%	C1150	0CK104CK56A	0.1UF 1608 50V 10%
C1112	0CK104CK56A	0.1UF 1608 50V 10%	C1151	0CK104CK56A	0.1UF 1608 50V 10%
C1115	0CE225WK6DC	2.2UF MVK,RC 50V 20%	C1152	0CK104CK56A	0.1UF 1608 50V 10%
C1117	0CK103CK56A	0.01UF 1608 50V 10%	C1153	0CE105WK6DC	1UF MVK 50V 20%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C1155	0CE105WK6DC	1UF MVK 50V 20%	C135	0CC200CK41A	20PF 1608 50V 5%
C1156	0CE225WK6DC	2.2UF MVK,RC 50V 20%	C136	0CK104CK56A	0.1UF 1608 50V 10%
C1157	0CE225WK6DC	2.2UF MVK,RC 50V 20%	C137	0CK104CK56A	0.1UF 1608 50V 10%
C1158	0CK104DK56A	0.1UF 2012 50V 10%	C138	0CC221CK41A	220PF 1608 50V 5%
C116	0CK104CK56A	0.1UF 1608 50V 10%	C139	0CE476WH6DC	47UF MVK 25V 20%
C118	0CC470CK41A	47PF 1608 50V 5%	C140	0CK102CK56A	1000PF 1608 50V 0.1
C119	0CK104CK56A	0.1UF 1608 50V 10%	C141	0CK103CK56A	0.01UF 1608 50V 10%
C120	0CK104CK56A	0.1UF 1608 50V 10%	C141	0CK104DK56A	0.1UF 2012 50V 10%
C120	0CK105DF64A	1UF 2012 16V 20%	C142	0CK104DK56A	0.1UF 2012 50V 10%
C121	0CE476WH6DC	47UF MVK 25V 20%	C142	0CC561CK41A	560PF 1608 50V 5% NP0 R/TP
C122	0CK104DK56A	0.1UF 2012 50V 10%	C143	0CK104DK56A	0.1UF 2012 50V 10%
C123	0CK104CK56A	0.1UF 1608 50V 10%	C143	0CE107WF6DC	100UF MVK 16V 20%
C124	0CK104CK56A	0.1UF 1608 50V 10%	C144	0CK104DK56A	0.1UF 2012 50V 10%
C125	0CK104CK56A	0.1UF 1608 50V 10%	C144	0CC221CK41A	220PF 1608 50V 5%
C126	0CK104CK56A	0.1UF 1608 50V 10%	C145	0CK104CK56A	0.1UF 1608 50V 10%
C127	0CK104CK56A	0.1UF 1608 50V 10%	C145	0CK104DK56A	0.1UF 2012 50V 10%
C128	0CK104CK56A	0.1UF 1608 50V 10%	C146	0CK104CK56A	0.1UF 1608 50V 10%
C129	0CK104CK56A	0.1UF 1608 50V 10%	C146	0CK104DK56A	0.1UF 2012 50V 10%
C130	0CK104CK56A	0.1UF 1608 50V 10%	C147	0CK104DK56A	0.1UF 2012 50V 10%
C1300	0CK104CK56A	0.1UF 1608 50V 10%	C147	0CE105WK6DC	1UF MVK 50V 20%
C1301	0CK104CK56A	0.1UF 1608 50V 10%	C148	0CK104CK56A	0.1UF 1608 50V 10%
C1302	0CK104CK56A	0.1UF 1608 50V 10%	C148	0CK104DK56A	0.1UF 2012 50V 10%
C1303	0CK104CK56A	0.1UF 1608 50V 10%	C150	0CE105WK6DC	1UF MVK 50V 20%
C1304	0CK104CK56A	0.1UF 1608 50V 10%	C151	0CK104CK56A	0.1UF 1608 50V 10%
C1305	0CK104CK56A	0.1UF 1608 50V 10%	C152	0CE107WF6DC	100UF MVK 16V 20%
C1306	0CK104CK56A	0.1UF 1608 50V 10%	C153	0CK104CK56A	0.1UF 1608 50V 10%
C1308	0CK104CK56A	0.1UF 1608 50V 10%	C153	0CE476WH6DC	47UF MVK 25V 20%
C1309	0CK104CK56A	0.1UF 1608 50V 10%	C155	0CK104DK56A	0.1UF 2012 50V 10%
C131	0CK104DK56A	0.1UF 2012 50V 10%	C156	0CK104CK56A	0.1UF 1608 50V 10%
C1312	0CK104CK56A	0.1UF 1608 50V 10%	C156	0CE476WH6DC	47UF MVK 25V 20%
C1313	0CK104CK56A	0.1UF 1608 50V 10%	C157	0CK104CK56A	0.1UF 1608 50V 10%
C1314	0CK104CK56A	0.1UF 1608 50V 10%	C157	0CK104DK56A	0.1UF 2012 50V 10%
C1315	0CK823CF56A	82NF 1608 16V 10%	C158	0CK104CK56A	0.1UF 1608 50V 10%
C1316	0CK104CK56A	0.1UF 1608 50V 10%	C161	0CE227SF6DC	220UF MVG 16V 20%
C1317	0CK104CK56A	0.1UF 1608 50V 10%	C200	0CK334CF56A	0.33UF 1608 16V 10%
C1318	0CK104CK56A	0.1UF 1608 50V 10%	C201	0CK334CF56A	0.33UF 1608 16V 10%
C1319	0CK822CK56A	8200PF 1608 50V 10%	C202	0CK334CF56A	0.33UF 1608 16V 10%
C1320	0CK104CK56A	0.1UF 1608 50V 10%	C202	0CK104DK56A	0.1UF 2012 50V 10%
C1323	0CK104CK56A	0.1UF 1608 50V 10%	C203	0CK473CK56A	47000PF 1608 50V 10%
C1324	0CK104CK56A	0.1UF 1608 50V 10%	C203	0CE107WF6DC	100UF MVK 16V 20%
C1325	0CK104CK56A	0.1UF 1608 50V 10%	C204	0CK334CF56A	0.33UF 1608 16V 10%
C1326	0CK104CK56A	0.1UF 1608 50V 10%	C205	0CK104CK56A	0.1UF 1608 50V 10%
C1327	0CK104CK56A	0.1UF 1608 50V 10%	C205	0CK104DK56A	0.1UF 2012 50V 10%
C1328	0CK104CK56A	0.1UF 1608 50V 10%	C206	0CK104CK56A	0.1UF 1608 50V 10%
C133	0CE107WF6DC	100UF MVK 16V 20%	C206	0CE107WF6DC	100UF MVK 16V 20%
C1331	0CK104CK56A	0.1UF 1608 50V 10%	C207	0CK104CK56A	0.1UF 1608 50V 10%
C1335	0CC101CK41A	100PF 1608 50V 5%	C207	0CK104DK56A	0.1UF 2012 50V 10%
C1336	0CK104CK56A	0.1UF 1608 50V 10%	C208	0CC221CK41A	220PF 1608 50V 5%
C134	0CC200CK41A	20PF 1608 50V 5%	C208	0CE107WF6DC	100UF MVK 16V 20%
C134	0CE476WH6DC	47UF MVK 25V 20%	C209	0CK104DK56A	0.1UF 2012 50V 10%
C135	0CK104DK56A	0.1UF 2012 50V 10%	C210	0CK104DK56A	0.1UF 2012 50V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C210	0CC221CK41A	220PF 1608 50V 5%	C322	0CK104CK56A	0.1UF 1608 50V 10%
C211	0CK104DK56A	0.1UF 2012 50V 10%	C323	0CK104CK56A	0.1UF 1608 50V 10%
C211	0CC470CK41A	47PF 1608 50V 5%	C325	0CK104CK56A	0.1UF 1608 50V 10%
C212	0CK104CK56A	0.1UF 1608 50V 10%	C326	0CK104CK56A	0.1UF 1608 50V 10%
C214	0CK104CK56A	0.1UF 1608 50V 10%	C328	0CK104CK56A	0.1UF 1608 50V 10%
C215	0CK104CK56A	0.1UF 1608 50V 10%	C329	0CK104CK56A	0.1UF 1608 50V 10%
C215	0CE476WH6DC	47UF MVK 25V 20%	C330	0CK104CK56A	0.1UF 1608 50V 10%
C216	0CE476WH6DC	47UF MVK 25V 20%	C331	0CK104CK56A	0.1UF 1608 50V 10%
C217	0CC101CK41A	100PF 1608 50V 5%	C332	0CK104CK56A	0.1UF 1608 50V 10%
C217	0CE476WH6DC	47UF MVK 25V 20%	C333	0CK104CK56A	0.1UF 1608 50V 10%
C218	0CK104CK56A	0.1UF 1608 50V 10%	C334	0CK104CK56A	0.1UF 1608 50V 10%
C218	0CK104DK56A	0.1UF 2012 50V 10%	C335	0CK104CK56A	0.1UF 1608 50V 10%
C219	0CK104CK56A	0.1UF 1608 50V 10%	C336	0CK104CK56A	0.1UF 1608 50V 10%
C219	0CK104DK56A	0.1UF 2012 50V 10%	C337	0CK104CK56A	0.1UF 1608 50V 10%
C220	0CK104CK56A	0.1UF 1608 50V 10%	C338	0CE107WF6DC	100UF MVK 16V 20%
C220	0CK104DK56A	0.1UF 2012 50V 10%	C339	0CK104CK56A	0.1UF 1608 50V 10%
C221	0CK104CK56A	0.1UF 1608 50V 10%	C340	0CE476WH6DC	47UF MVK 25V 20%
C222	0CK104CK56A	0.1UF 1608 50V 10%	C341	0CK104CK56A	0.1UF 1608 50V 10%
C223	0CK104CK56A	0.1UF 1608 50V 10%	C342	0CK104CK56A	0.1UF 1608 50V 10%
C224	0CK104CK56A	0.1UF 1608 50V 10%	C343	0CK104CK56A	0.1UF 1608 50V 10%
C224	0CE476WH6DC	47UF MVK 25V 20%	C344	0CK104CK56A	0.1UF 1608 50V 10%
C225	0CK104CK56A	0.1UF 1608 50V 10%	C345	0CK104CK56A	0.1UF 1608 50V 10%
C225	0CE476WH6DC	47UF MVK 25V 20%	C346	0CK104CK56A	0.1UF 1608 50V 10%
C226	0CK104CK56A	0.1UF 1608 50V 10%	C348	0CK104CK56A	0.1UF 1608 50V 10%
C226	0CE476WH6DC	47UF MVK 25V 20%	C349	0CK104CK56A	0.1UF 1608 50V 10%
C227	0CK104CK56A	0.1UF 1608 50V 10%	C350	0CK104CK56A	0.1UF 1608 50V 10%
C227	0CK104DK56A	0.1UF 2012 50V 10%	C351	0CK104CK56A	0.1UF 1608 50V 10%
C228	0CK104DK56A	0.1UF 2012 50V 10%	C352	0CK104CK56A	0.1UF 1608 50V 10%
C229	0CK104DK56A	0.1UF 2012 50V 10%	C353	0CK104CK56A	0.1UF 1608 50V 10%
C230	0CE227SF6DC	220UF MVG 16V 20%	C354	0CK104CK56A	0.1UF 1608 50V 10%
C231	0CE227SF6DC	220UF MVG 16V 20%	C355	0CK104CK56A	0.1UF 1608 50V 10%
C300	0CK104CK56A	0.1UF 1608 50V 10%	C356	0CC220CK41A	22PF 1608 50V 5%
C301	0CK104CK56A	0.1UF 1608 50V 10%	C357	0CK104CK56A	0.1UF 1608 50V 10%
C302	0CK104CK56A	0.1UF 1608 50V 10%	C358	0CK104CK56A	0.1UF 1608 50V 10%
C303	0CE476WH6DC	47UF MVK 25V 20%	C359	0CK104CK56A	0.1UF 1608 50V 10%
C304	0CK104CK56A	0.1UF 1608 50V 10%	C360	0CK104CK56A	0.1UF 1608 50V 10%
C306	0CK104CK56A	0.1UF 1608 50V 10%	C361	0CC220CK41A	22PF 1608 50V 5%
C307	0CC100CK11A	10PF 1608 50V 0.5 PF	C363	0CK104CK56A	0.1UF 1608 50V 10%
C308	0CK104CK56A	0.1UF 1608 50V 10%	C364	0CK473CK56A	47000PF 1608 50V 10%
C309	0CK104CK56A	0.1UF 1608 50V 10%	C365	0CK473CK56A	47000PF 1608 50V 10%
C310	0CK104CK56A	0.1UF 1608 50V 10%	C366	0CC221CK41A	220PF 1608 50V 5%
C311	0CK104CK56A	0.1UF 1608 50V 10%	C367	0CC101CK41A	100PF 1608 50V 5%
C312	0CK104CK56A	0.1UF 1608 50V 10%	C368	0CK104CK56A	0.1UF 1608 50V 10%
C313	0CK104CK56A	0.1UF 1608 50V 10%	C369	0CK104CK56A	0.1UF 1608 50V 10%
C314	0CK104CK56A	0.1UF 1608 50V 10%	C370	0CC331CK41A	330PF 1608 50V 5%
C315	0CK104CK56A	0.1UF 1608 50V 10%	C371	0CC151CK41A	150PF 1608 50V 5% NP0 R/TP
C316	0CK104CK56A	0.1UF 1608 50V 10%	C373	0CK104CK56A	0.1UF 1608 50V 10%
C317	0CK104CK56A	0.1UF 1608 50V 10%	C374	0CK104CK56A	0.1UF 1608 50V 10%
C318	0CK104CK56A	0.1UF 1608 50V 10%	C375	0CK104CK56A	0.1UF 1608 50V 10%
C319	0CK104CK56A	0.1UF 1608 50V 10%	C376	0CK104CK56A	0.1UF 1608 50V 10%
C320	0CK104CK56A	0.1UF 1608 50V 10%	C377	0CK104CK56A	0.1UF 1608 50V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
C379	0CK104CK56A	0.1UF 1608 50V 10%
C380	0CK104CK56A	0.1UF 1608 50V 10%
C384	0CK104CK56A	0.1UF 1608 50V 10%
C385	0CK104CK56A	0.1UF 1608 50V 10%
C387	0CC102CK41A	1000PF 1608 50V 5%
C391	0CK473CK56A	47000PF 1608 50V 10%
C392	0CK473CK56A	47000PF 1608 50V 10%
C393	0CK473CK56A	47000PF 1608 50V 10%
C395	0CC471CK41A	470PF 1608 50V 5%
C399	0CK104CK56A	0.1UF 1608 50V 10%
C401	0CK104CK56A	0.1UF 1608 50V 10%
C402	0CK104CK56A	0.1UF 1608 50V 10%
C404	0CK104CK56A	0.1UF 1608 50V 10%
C405	0CK104CK56A	0.1UF 1608 50V 10%
C406	0CK104CK56A	0.1UF 1608 50V 10%
C407	0CK104CK56A	0.1UF 1608 50V 10%
C408	0CK104CK56A	0.1UF 1608 50V 10%
C409	0CK104CK56A	0.1UF 1608 50V 10%
C410	0CK104CK56A	0.1UF 1608 50V 10%
C411	0CK104CK56A	0.1UF 1608 50V 10%
C412	0CK104CK56A	0.1UF 1608 50V 10%
C413	0CK104CK56A	0.1UF 1608 50V 10%
C414	0CK104CK56A	0.1UF 1608 50V 10%
C415	0CK104CK56A	0.1UF 1608 50V 10%
C416	0CK104CK56A	0.1UF 1608 50V 10%
C417	0CK104CK56A	0.1UF 1608 50V 10%
C418	0CK104CK56A	0.1UF 1608 50V 10%
C419	0CK104CK56A	0.1UF 1608 50V 10%
C420	0CK104CK56A	0.1UF 1608 50V 10%
C421	0CK104CK56A	0.1UF 1608 50V 10%
C422	0CK104CK56A	0.1UF 1608 50V 10%
C423	0CK104CK56A	0.1UF 1608 50V 10%
C424	0CK104CK56A	0.1UF 1608 50V 10%
C425	0CK104CK56A	0.1UF 1608 50V 10%
C426	0CK104CK56A	0.1UF 1608 50V 10%
C427	0CK104CK56A	0.1UF 1608 50V 10%
C428	0CK104CK56A	0.1UF 1608 50V 10%
C429	0CK104CK56A	0.1UF 1608 50V 10%
C430	0CK104CK56A	0.1UF 1608 50V 10%
C431	0CK104CK56A	0.1UF 1608 50V 10%
C432	0CK104CK56A	0.1UF 1608 50V 10%
C433	0CK104CK56A	0.1UF 1608 50V 10%
C434	0CK104CK56A	0.1UF 1608 50V 10%
C435	0CK104CK56A	0.1UF 1608 50V 10%
C436	0CK104CK56A	0.1UF 1608 50V 10%
C437	0CK104CK56A	0.1UF 1608 50V 10%
C438	0CK104CK56A	0.1UF 1608 50V 10%
C439	0CK104CK56A	0.1UF 1608 50V 10%
C440	0CK104CK56A	0.1UF 1608 50V 10%
C441	0CK104CK56A	0.1UF 1608 50V 10%
C442	0CK104CK56A	0.1UF 1608 50V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C509	0CK104CK56A	0.1UF 1608 50V 10%	C619	0CK102CK56A	1000PF 1608 50V 0.1
C510	0CK104CK56A	0.1UF 1608 50V 10%	C620	0CK102CK56A	1000PF 1608 50V 0.1
C511	0CK104CK56A	0.1UF 1608 50V 10%	C621	0CK102CK56A	1000PF 1608 50V 0.1
C512	0CK104CK56A	0.1UF 1608 50V 10%	C622	0CK102CK56A	1000PF 1608 50V 0.1
C513	0CK104CK56A	0.1UF 1608 50V 10%	C623	0CK102CK56A	1000PF 1608 50V 0.1
C514	0CK104CK56A	0.1UF 1608 50V 10%	C624	0CK102CK56A	1000PF 1608 50V 0.1
C515	0CK104CK56A	0.1UF 1608 50V 10%	C626	0CK102CK56A	1000PF 1608 50V 0.1
C516	0CK104CK56A	0.1UF 1608 50V 10%	C628	0CK104CK56A	0.1UF 1608 50V 10%
C517	0CK104CK56A	0.1UF 1608 50V 10%	C631	0CK104CK56A	0.1UF 1608 50V 10%
C518	0CK104CK56A	0.1UF 1608 50V 10%	C632	0CC180CK41A	18PF 1608 50V 5%
C519	0CK104CK56A	0.1UF 1608 50V 10%	C633	0CC180CK41A	18PF 1608 50V 5%
C520	0CK104CK56A	0.1UF 1608 50V 10%	C634	0CK102CK56A	1000PF 1608 50V 0.1
C521	0CK104CK56A	0.1UF 1608 50V 10%	C635	0CK102CK56A	1000PF 1608 50V 0.1
C522	0CK104CK56A	0.1UF 1608 50V 10%	C636	0CK102CK56A	1000PF 1608 50V 0.1
C523	0CK104CK56A	0.1UF 1608 50V 10%	C637	0CK104CK56A	0.1UF 1608 50V 10%
C524	0CK104CK56A	0.1UF 1608 50V 10%	C638	0CK104CK56A	0.1UF 1608 50V 10%
C525	0CK104CK56A	0.1UF 1608 50V 10%	C639	0CK102CK56A	1000PF 1608 50V 0.1
C526	0CK104CK56A	0.1UF 1608 50V 10%	C640	0CK104CK56A	0.1UF 1608 50V 10%
C527	0CK104CK56A	0.1UF 1608 50V 10%	C641	0CK104CK56A	0.1UF 1608 50V 10%
C529	0CK104CK56A	0.1UF 1608 50V 10%	C643	0CK103CK56A	0.01UF 1608 50V 10%
C531	0CK104CK56A	0.1UF 1608 50V 10%	C647	0CK104CK56A	0.1UF 1608 50V 10%
C532	0CK104CK56A	0.1UF 1608 50V 10%	C648	0CK102CK56A	1000PF 1608 50V 0.1
C533	0CK104CK56A	0.1UF 1608 50V 10%	C649	0CK102CK56A	1000PF 1608 50V 0.1
C534	0CK104CK56A	0.1UF 1608 50V 10%	C650	0CK102CK56A	1000PF 1608 50V 0.1
C536	0CK104CK56A	0.1UF 1608 50V 10%	C651	0CK102CK56A	1000PF 1608 50V 0.1
C537	0CC100CK11A	10PF 1608 50V 0.5 PF	C652	0CK104CK56A	0.1UF 1608 50V 10%
C540	0CC560CK41A	56PF 1608 50V 5%	C653	0CK104CK56A	0.1UF 1608 50V 10%
C541	0CC560CK41A	56PF 1608 50V 5%	C655	0CK102CK56A	1000PF 1608 50V 0.1
C544	0CK104CK56A	0.1UF 1608 50V 10%	C656	0CK104CK56A	0.1UF 1608 50V 10%
C545	0CC560CK41A	56PF 1608 50V 5%	C660	0CK104CK56A	0.1UF 1608 50V 10%
C546	0CC560CK41A	56PF 1608 50V 5%	C700	0CK103CK56A	0.01UF 1608 50V 10%
C547	0CC560CK41A	56PF 1608 50V 5%	C703	0CC470CK41A	47PF 1608 50V 5%
C548	0CC560CK41A	56PF 1608 50V 5%	C704	0CK104CK56A	0.1UF 1608 50V 10%
C600	0CK104CK56A	0.1UF 1608 50V 10%	C705	0CE107WF6DC	100UF MVK 16V 20%
C602	0CK104CK56A	0.1UF 1608 50V 10%	C706	0CK104CK56A	0.1UF 1608 50V 10%
C603	0CK104CK56A	0.1UF 1608 50V 10%	C707	0CK104CK56A	0.1UF 1608 50V 10%
C604	0CK104CK56A	0.1UF 1608 50V 10%	C708	0CK104CK56A	0.1UF 1608 50V 10%
C605	0CK104CK56A	0.1UF 1608 50V 10%	C709	0CK104CK56A	0.1UF 1608 50V 10%
C606	0CK104CK56A	0.1UF 1608 50V 10%	C710	0CE107WF6DC	100UF MVK 16V 20%
C607	0CK104CK56A	0.1UF 1608 50V 10%	C711	0CC470CK41A	47PF 1608 50V 5%
C608	0CK104CK56A	0.1UF 1608 50V 10%	C714	0CK103CK56A	0.01UF 1608 50V 10%
C609	0CK104CK56A	0.1UF 1608 50V 10%	C715	0CK104CK56A	0.1UF 1608 50V 10%
C610	0CK104CK56A	0.1UF 1608 50V 10%	C716	0CE476WH6DC	47UF MVK 25V 20%
C611	0CK102CK56A	1000PF 1608 50V 0.1	C717	0CK104CK56A	0.1UF 1608 50V 10%
C612	0CK102CK56A	1000PF 1608 50V 0.1	C718	0CE476WH6DC	47UF MVK 25V 20%
C613	0CK102CK56A	1000PF 1608 50V 0.1	C719	0CK472CK56A	4700PF 1608 50V 10%
C614	0CK102CK56A	1000PF 1608 50V 0.1	C721	0CK103CK56A	0.01UF 1608 50V 10%
C615	0CK102CK56A	1000PF 1608 50V 0.1	C722	0CK104CK56A	0.1UF 1608 50V 10%
C616	0CK102CK56A	1000PF 1608 50V 0.1	C723	0CK104CK56A	0.1UF 1608 50V 10%
C617	0CK102CK56A	1000PF 1608 50V 0.1	C724	0CK103CK56A	0.01UF 1608 50V 10%
C618	0CK102CK56A	1000PF 1608 50V 0.1	C725	0CK104CK56A	0.1UF 1608 50V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C728	0CK103CK56A	0.01UF 1608 50V 10%	C911	0CE476WH6DC	47UF MVK 25V 20%
C729	0CK103CK56A	0.01UF 1608 50V 10%	C913	0CK104CK56A	0.1UF 1608 50V 10%
C730	0CK104CK56A	0.1UF 1608 50V 10%	C914	0CK104CK56A	0.1UF 1608 50V 10%
C800	0CE105WK6DC	1UF MVK 50V 20%	C915	0CK104CK56A	0.1UF 1608 50V 10%
C801	0CK104CK56A	0.1UF 1608 50V 10%	C916	0CK104CK56A	0.1UF 1608 50V 10%
C802	0CK104CK56A	0.1UF 1608 50V 10%	C917	0CK104CK56A	0.1UF 1608 50V 10%
C803	0CK104CK56A	0.1UF 1608 50V 10%	C918	0CK104CK56A	0.1UF 1608 50V 10%
C804	0CE477WF6DC	470UF MVK 16V 20%	C919	0CK104CK56A	0.1UF 1608 50V 10%
C804	0CE227SF6DC	220UF MVG 16V 20%	C920	0CK104CK56A	0.1UF 1608 50V 10%
C805	0CE477WF6DC	470UF MVK 16V 20%	C921	0CK106EF56A	10UF 3216 16V 10%
C806	0CE477WF6DC	470UF MVK 16V 20%	C922	0CK104CK56A	0.1UF 1608 50V 10%
C807	0CE477WF6DC	470UF MVK 16V 20%	C923	0CK104CK56A	0.1UF 1608 50V 10%
C808	0CE477WF6DC	470UF MVK 16V 20%	C924	0CK104CK56A	0.1UF 1608 50V 10%
C809	0CE477WF6DC	470UF MVK 16V 20%	C925	0CK102CK56A	1000PF 1608 50V 0.1
C811	0CK104CK56A	0.1UF 1608 50V 10%	C926	0CK104CK56A	0.1UF 1608 50V 10%
C812	0CK104CK56A	0.1UF 1608 50V 10%	C927	0CK102CK56A	1000PF 1608 50V 0.1
C813	0CE477WF6DC	470UF MVK 16V 20%	C928	0CK104CK56A	0.1UF 1608 50V 10%
C813	0CE107WF6DC	100UF MVK 16V 20%	C929	0CK104CK56A	0.1UF 1608 50V 10%
C814	0CE477WF6DC	470UF MVK 16V 20%	C931	0CK104CK56A	0.1UF 1608 50V 10%
C814	0CE107WF6DC	100UF MVK 16V 20%	C933	0CK104CK56A	0.1UF 1608 50V 10%
C815	0CK104CK56A	0.1UF 1608 50V 10%	C934	0CK104CK56A	0.1UF 1608 50V 10%
C816	0CK104CK56A	0.1UF 1608 50V 10%	C936	0CK104CK56A	0.1UF 1608 50V 10%
C817	0CE476SF6DC	47UF MVG 16V 20%	C937	0CK104CK56A	0.1UF 1608 50V 10%
C818	0CE476SF6DC	47UF MVG 16V 20%	C938	0CK104CK56A	0.1UF 1608 50V 10%
C819	0CK104CK56A	0.1UF 1608 50V 10%	C939	0CK104CK56A	0.1UF 1608 50V 10%
C820	0CK104CK56A	0.1UF 1608 50V 10%	C940	0CK104CK56A	0.1UF 1608 50V 10%
C821	0CK104CK56A	0.1UF 1608 50V 10%	C941	0CK104CK56A	0.1UF 1608 50V 10%
C822	0CE477WF6DC	470UF MVK 16V 20%	C942	0CK104CK56A	0.1UF 1608 50V 10%
C822	0CE107WF6DC	100UF MVK 16V 20%	C952	0CK104CK56A	0.1UF 1608 50V 10%
C823	0CK104CK56A	0.1UF 1608 50V 10%	C958	0CK104CK56A	0.1UF 1608 50V 10%
C824	0CE477WF6DC	470UF MVK 16V 20%	C961	0CK104CK56A	0.1UF 1608 50V 10%
C824	0CE107WF6DC	100UF MVK 16V 20%	CC100	0CK104CK56A	0.1UF 1608 50V 10%
C825	0CK104CK56A	0.1UF 1608 50V 10%	CC101	0CK104CK56A	0.1UF 1608 50V 10%
C826	0CK104CK56A	0.1UF 1608 50V 10%	CC102	0CK104CK56A	0.1UF 1608 50V 10%
C827	0CE476SF6DC	47UF MVG 16V 20%	CC103	0CE476WH6DC	47UF MVK 25V 20%
C828	0CE476WH6DC	47UF MVK 25V 20%	CC104	0CE476WH6DC	47UF MVK 25V 20%
C829	0CK104CK56A	0.1UF 1608 50V 10%	CC105	0CE476WH6DC	47UF MVK 25V 20%
C830	0CK104CK56A	0.1UF 1608 50V 10%	CC106	0CK334CF56A	0.33UF 1608 16V 10%
C831	0CE476VH6DC	47UF MV 25V 20%	CC107	0CK334CF56A	0.33UF 1608 16V 10%
C832	0CE476SF6DC	47UF MVG 16V 20%	CC108	0CK104CK56A	0.1UF 1608 50V 10%
C900	0CK104CK56A	0.1UF 1608 50V 10%	CC109	0CK104CK56A	0.1UF 1608 50V 10%
C901	0CE476WH6DC	47UF MVK 25V 20%	CC111	0CE477EK618	470UF KMG 50V 20%
C902	0CE476WH6DC	47UF MVK 25V 20%	CC112	0CE477WF6DC	470UF MVK 16V 20%
C903	0CK104CK56A	0.1UF 1608 50V 10%	CC113	0CE477WF6DC	470UF MVK 16V 20%
C904	0CK104CK56A	0.1UF 1608 50V 10%	CC115	0CK104CK56A	0.1UF 1608 50V 10%
C905	0CK103CK56A	0.01UF 1608 50V 10%	CC116	0CE477EK618	470UF KMG 50V 20%
C906	0CE476WH6DC	47UF MVK 25V 20%	CC117	0CE477WF6DC	470UF MVK 16V 20%
C907	0CK104CK56A	0.1UF 1608 50V 10%	CC118	0CE477WF6DC	470UF MVK 16V 20%
C908	0CK104CK56A	0.1UF 1608 50V 10%	CC119	0CE477WF6DC	470UF MVK 16V 20%
C909	0CK104CK56A	0.1UF 1608 50V 10%	CC119	0CE107WF6DC	100UF MVK 16V 20%
C910	0CE476WH6DC	47UF MVK 25V 20%	CC120	0CK104CK56A	0.1UF 1608 50V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
CC121	0CK104CK56A	0.1UF 1608 50V 10%
CC122	0CK104CK56A	0.1UF 1608 50V 10%
CC123	0CK104CK56A	0.1UF 1608 50V 10%
CC124	0CK104CK56A	0.1UF 1608 50V 10%
CC125	0CK104CK56A	0.1UF 1608 50V 10%
CC126	0CE107WF6DC	100UF MVK 16V 20%
CC127	0CE107WF6DC	100UF MVK 16V 20%
CC128	0CE107WF6DC	100UF MVK 16V 20%
CC131	0CK104CK56A	0.1UF 1608 50V 10%
CC133	0CK104CK56A	0.1UF 1608 50V 10%
CC134	0CK104CK56A	0.1UF 1608 50V 10%
CC135	0CK103CK56A	0.01UF 1608 50V 10%
CC137	0CK103CK56A	0.01UF 1608 50V 10%
CC138	0CK103CK56A	0.01UF 1608 50V 10%
CC139	0CE107WF6DC	100UF MVK 16V 20%
CC140	0CK104CK56A	0.1UF 1608 50V 10%
CC143	0CE476WH6DC	47UF MVK 25V 20%
CC144	0CE476WH6DC	47UF MVK 25V 20%
CC145	0CE107WF6DC	100UF MVK 16V 20%
CC147	0CK104CK56A	0.1UF 1608 50V 10%
CC151	0CK104CK56A	0.1UF 1608 50V 10%
CC156	0CK103CK56A	0.01UF 1608 50V 10%
CC158	0CK104CK56A	0.1UF 1608 50V 10%
CC161	0CE476WH6DC	47UF MVK 25V 20%
CC163	0CE476WH6DC	47UF MVK 25V 20%
CC164	0CK104CK56A	0.1UF 1608 50V 10%
CC166	0CE107WF6DC	100UF MVK 16V 20%
CC167	0CK104CK56A	0.1UF 1608 50V 10%
CC168	0CK104CK56A	0.1UF 1608 50V 10%
CC169	0CE477WF6DC	470UF MVK 16V 20%
CC169	0CE476WH6DC	47UF MVK 25V 20%
CC170	0CK103CK56A	0.01UF 1608 50V 10%
CC171	0CE476WH6DC	47UF MVK 25V 20%
CC172	0CK104CK56A	0.1UF 1608 50V 10%
CC173	0CE476WH6DC	47UF MVK 25V 20%
R353	0CK104CK56A	0.1UF 1608 50V 10%
R354	0CK104CK56A	0.1UF 1608 50V 10%
R355	0CK104CK56A	0.1UF 1608 50V 10%
COIL		
L1013	6140VB0004B	COIL,CHOKE 26UH
L1014	6140VB0004B	COIL,CHOKE 26UH
L1015	6140VB0004B	COIL,CHOKE 26UH
L1025	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L1026	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L1027	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L1028	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L207	6140VB0004B	COIL,CHOKE 26UH
L802	6140VB0004B	COIL,CHOKE 26UH

LOCA. NO	PART NO	DESCRIPTION
L803	6140VB0004B	COIL,CHOKE 26UH
CONNECTOR		
C10	6631V25032J	CONNECTOR ASSEMBLY,3P 2.5MM 500MM
C11	6631V25051B	CONNECTOR ASSEMBLY,4P 2.5MM 150MM
C12	6631V25083C	CONNECTOR ASSEMBLY,7P 2.5MM 200MM
C13	6631V25084C	CONNECTOR ASSEMBLY,12P 2.5MM 200MM
C14	387-G03E	CONNECTOR ASSEMBLY,3P 2.5MM 300MM
C15	6631V00045B	CONNECTOR ASSEMBLY,10P SPECIAL 150MM
C16	6631V25032E	CONNECTOR ASSEMBLY,3P 2.5MM 300MM
C17	6631V25032G	CONNECTOR ASSEMBLY,3P 2.5MM 400MM
C18	6631V25083C	CONNECTOR ASSEMBLY,7P 2.5MM 200MM
C19	6631V25084C	CONNECTOR ASSEMBLY,12P 2.5MM 200MM
C20	6631V39015E	CONNECTOR ASSEMBLY,4P 3.96MM 300MM
C21	6631V39016E	CONNECTOR ASSEMBLY,10P 3.96MM 300MM
C3	387-J12K	CONNECTOR ASSEMBLY,12P 2.5MM 600MM
C4	6631V00045D	CONNECTOR ASSEMBLY,10P 2.5MM 250MM
C5	6631V10003C	CONNECTOR ASSEMBLY,25P 1.0MM 50MM
C6	6631V10004Z	CONNECTOR ASSEMBLY,31P 1.0MM 50MM
C7	6631V12047L	CONNECTOR ASSEMBLY,13P 1.25MM 700MM
C8	6631V25032E	CONNECTOR ASSEMBLY,3P 2.5MM 300MM
C9	6631V25032G	CONNECTOR ASSEMBLY,3P 2.5MM 400MM
JK101	6630G70016A	CONNECTOR,D-SUB 15P 2.29MM RGB
JK200	6630G70017A	CONNECTOR,D-SUB 9P 2.54MM RS232
JACK		
ANT1	6612J00042G	JACK,RCA UCT-EX-063
ANT2	6612J00042G	JACK,RCA UCT-EX-063
JK100	6612BBBHN4A	JACK,DIN TOTX179
JK100	6612F00099A	JACK,PHONE PEJ024-01 7P 10MM
JK101	6613V00026A	JACK ASSEMBLY,UJB-03-28A
JK102	6612J10012A	JACK,RCA UJB-05-02C
JK103	6612J10012A	JACK,RCA UJB-05-02C
JK104	6612J00062N	JACK,RCA PMJ030-02 6P
JK105	6612F00099A	JACK,PHONE PEJ024-01 7P 10MM
JK600	6612B00015B	JACK,DIN DC1R019WDH JAE 0.5MM
RESISTOR		
AR100	0RRZVTA001C	4.7K OHM 1 / 16 W 1608 5%
AR1100	0RRZVTA001C	4.7K OHM 1 / 16 W 1608 5%
AR1101	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1102	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR300	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR301	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR302	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR303	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR600	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR601	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR602	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR603	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR604	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%

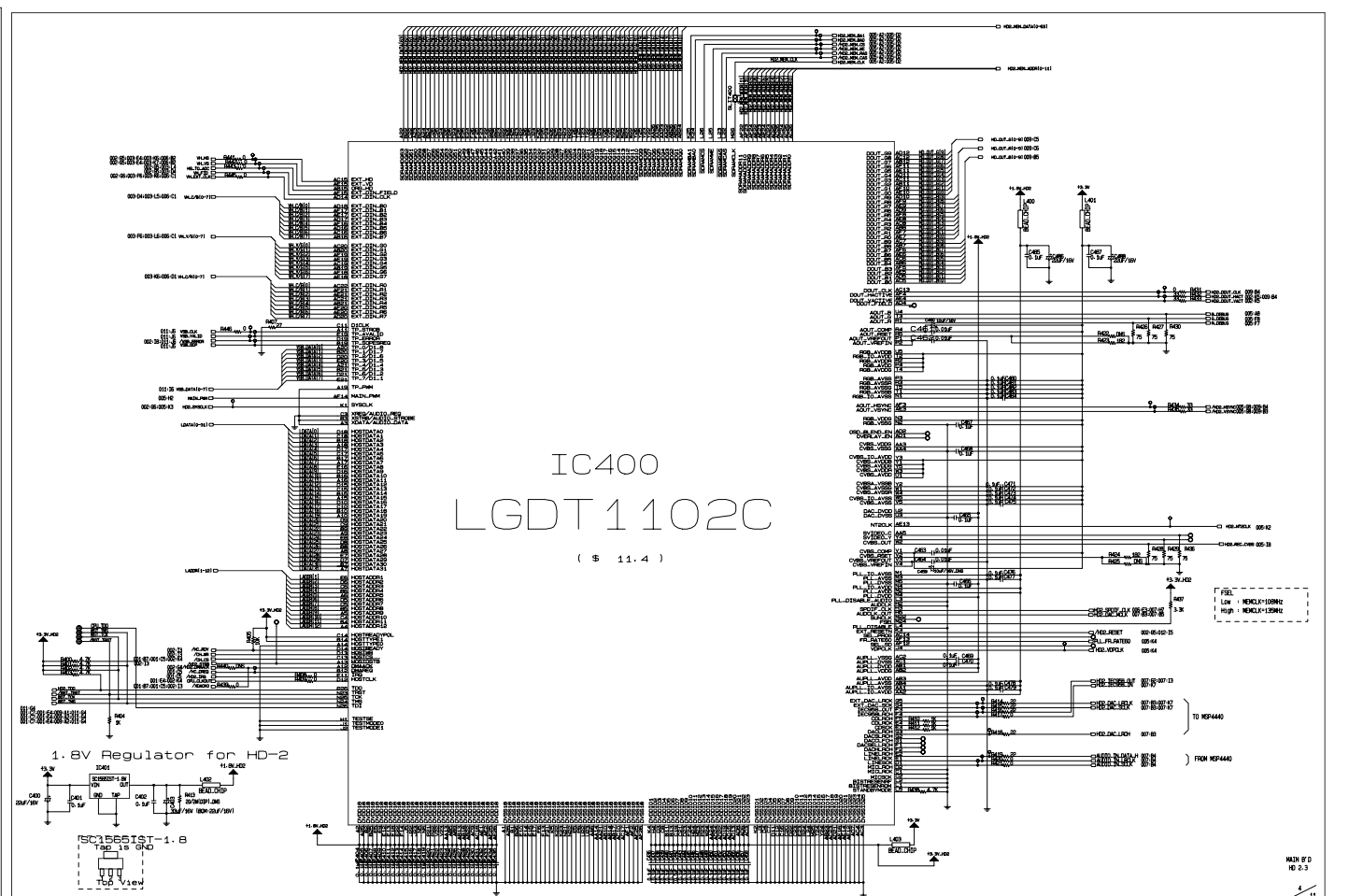
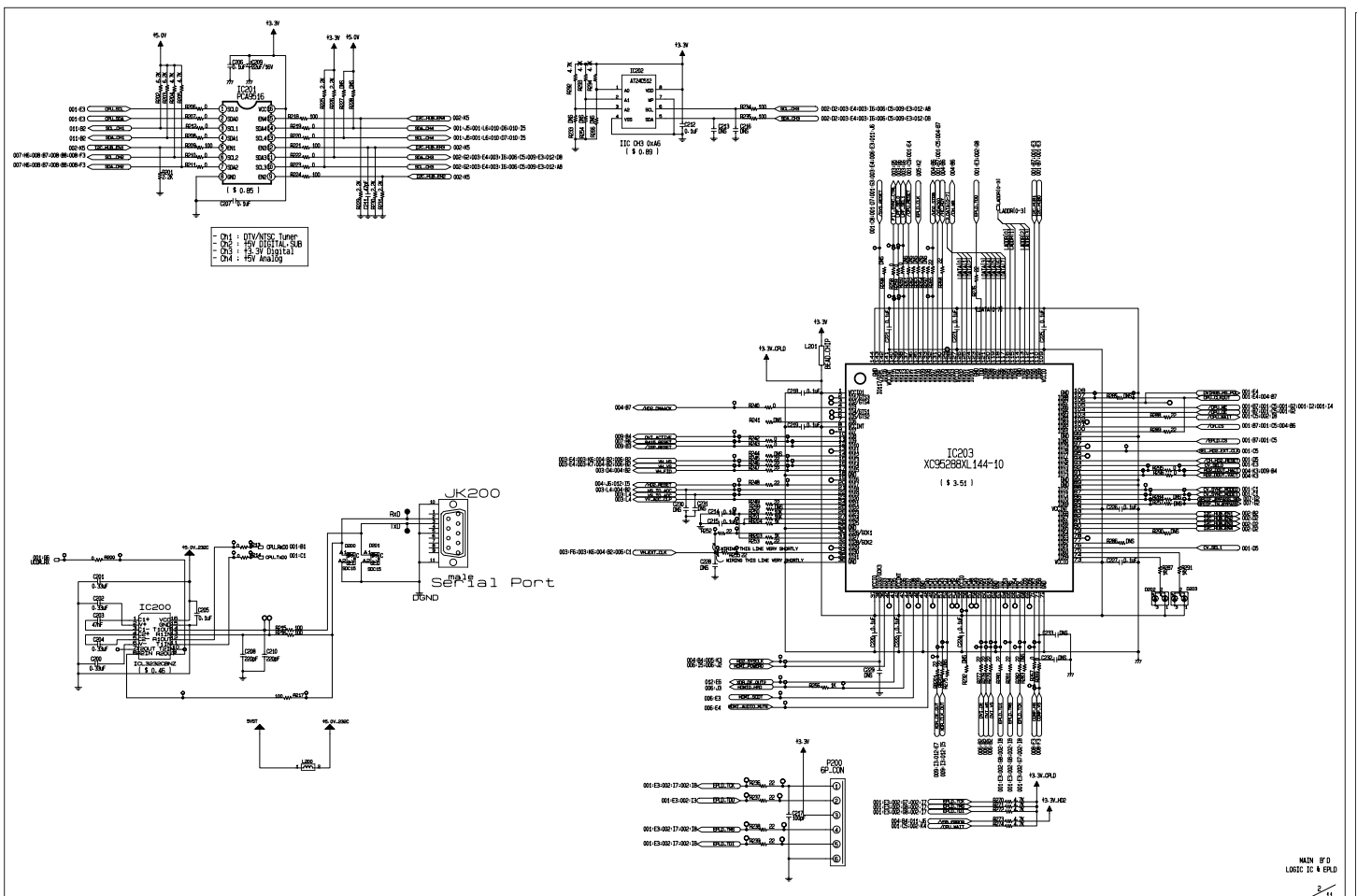
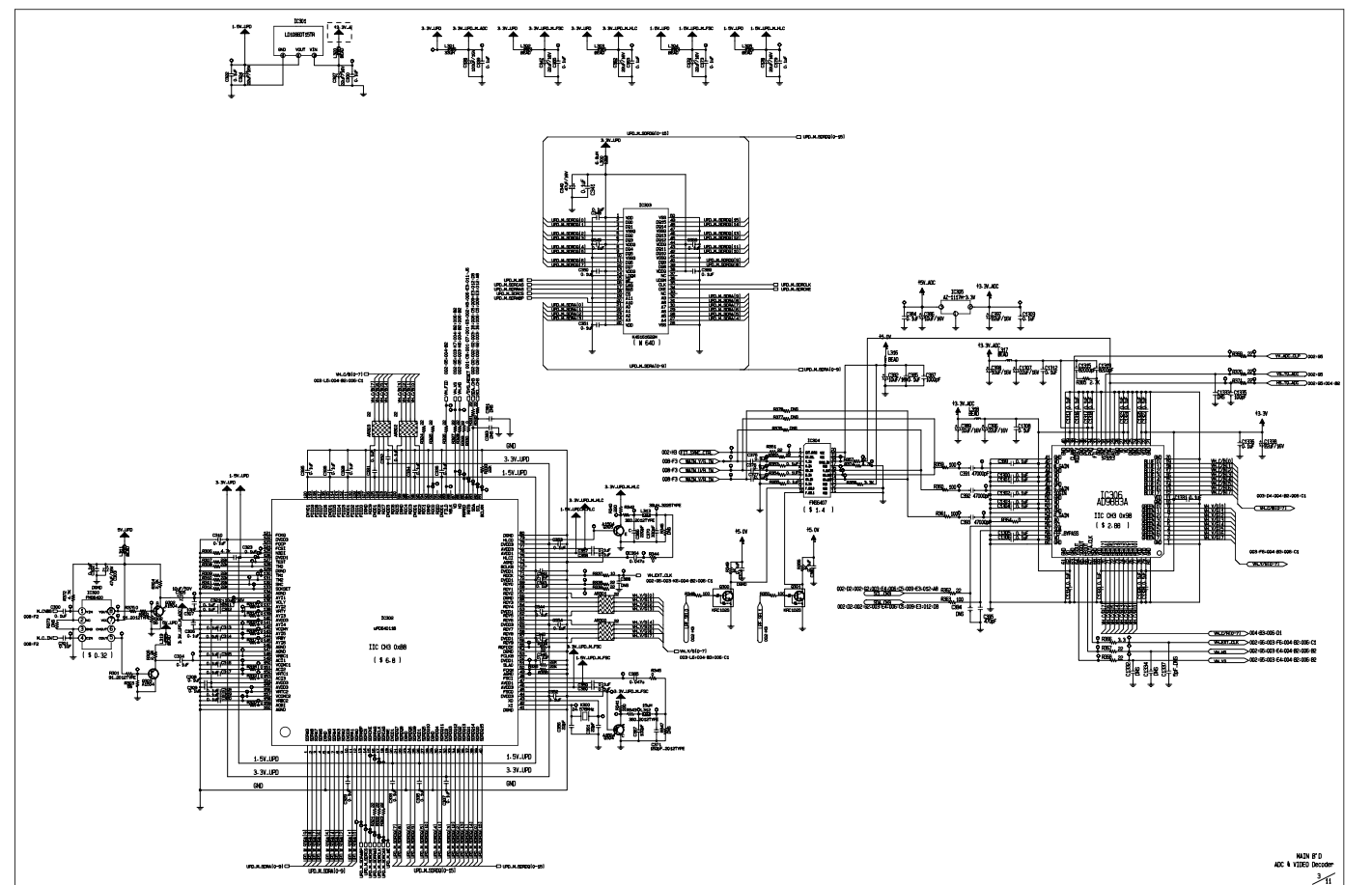
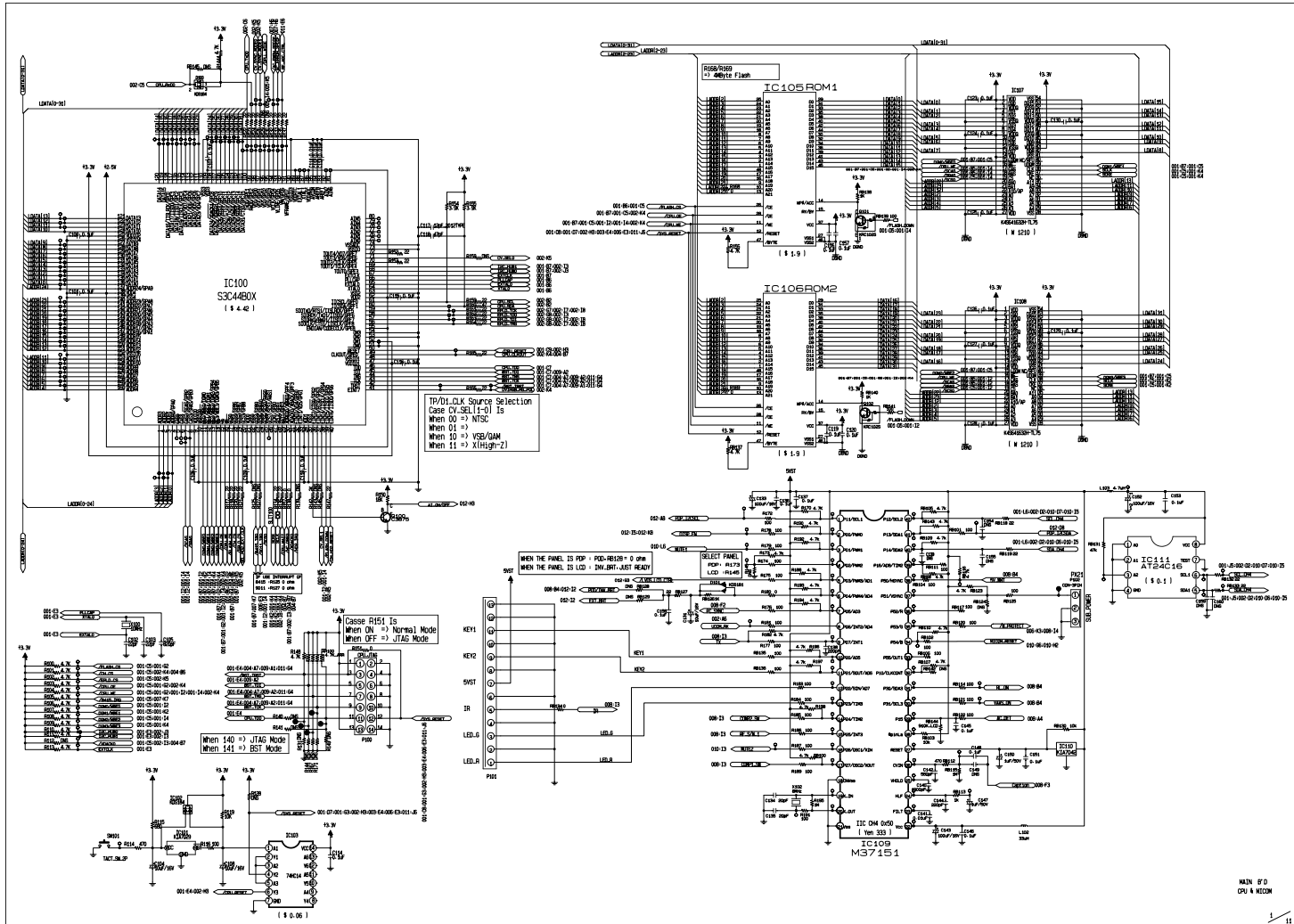
REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
AR605	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1010	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR900	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1011	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR901	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1018	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR902	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L102	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR903	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1021	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR904	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1022	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR905	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1023	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR906	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1024	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR907	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L103	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR908	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1032	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR909	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1033	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
AR910	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L105	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR911	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L106	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR912	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L107	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
R126	0RN1002F409	10K OHM 1/6 W 1.00%	L1102	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
R821	0RD0222A609	22 OHM 1/2 W(7.0) 5.00%	L1104	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
SWITCH			L1107	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
S1	6600VM2006C	SWITCH,PUSH SDDF3PATP	L200	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
SW101	140-315A	SWITCH,TACT SKHV17910B	L200	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW101	140-313A	SWITCH,TACT 2LEAD 100G	L201	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
SW102	140-315A	SWITCH,TACT SKHV17910B	L201	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW103	140-315A	SWITCH,TACT SKHV17910B	L202	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW105	140-315A	SWITCH,TACT SKHV17910B	L203	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW106	140-315A	SWITCH,TACT SKHV17910B	L204	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW107	140-315A	SWITCH,TACT SKHV17910B	L205	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
FILTER & CRYSTAL			L206	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F800	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L302	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F801	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L303	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F802	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L304	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F804	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L305	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F805	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L311	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F806	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L316	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F807	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L317	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F808	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L318	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F809	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L319	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F810	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L320	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F811	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L400	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F812	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L401	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F813	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L402	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F814	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L403	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F815	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L500	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F816	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L501	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
L1000	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A	L503	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
L1003	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A	L600	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
L1004	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A	L601	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
L1005	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A	L602	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
L1006	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A	L603	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
L1007	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A	L604	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
L101	6210VC0005A	FILTER,EMC BK2125 HS 750	L606	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
			L607	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
			L800	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A

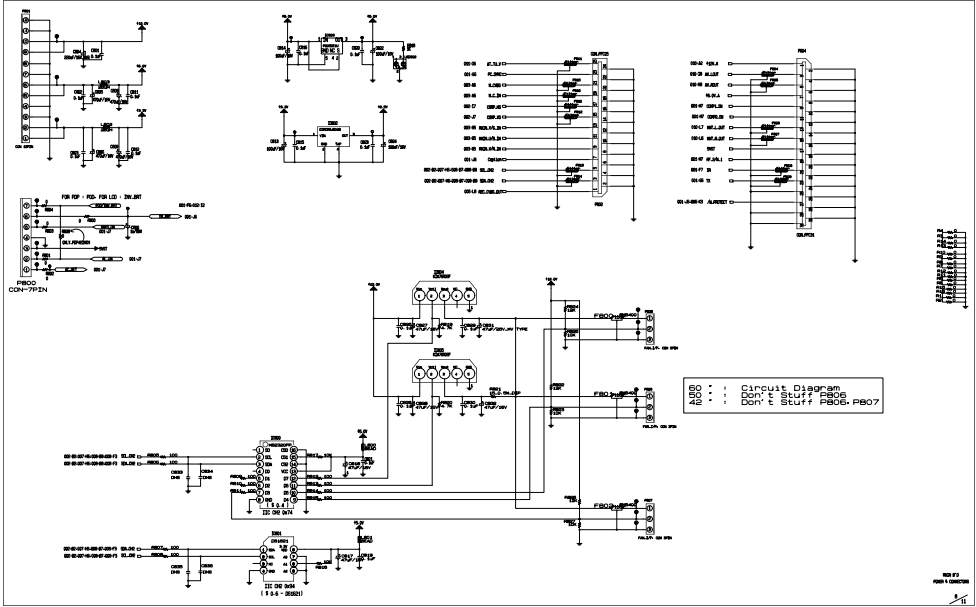
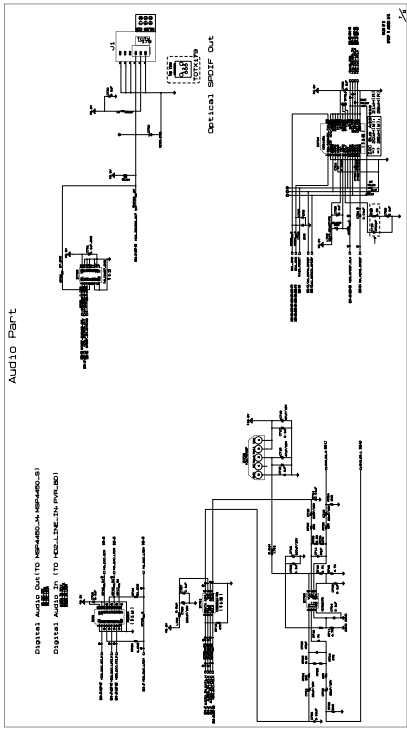
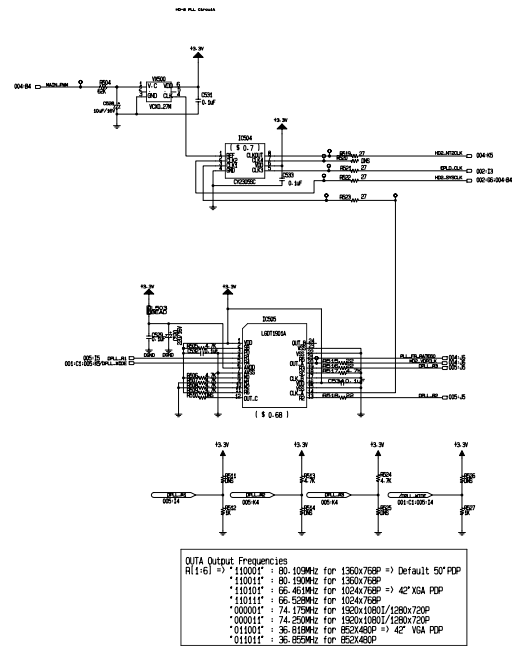
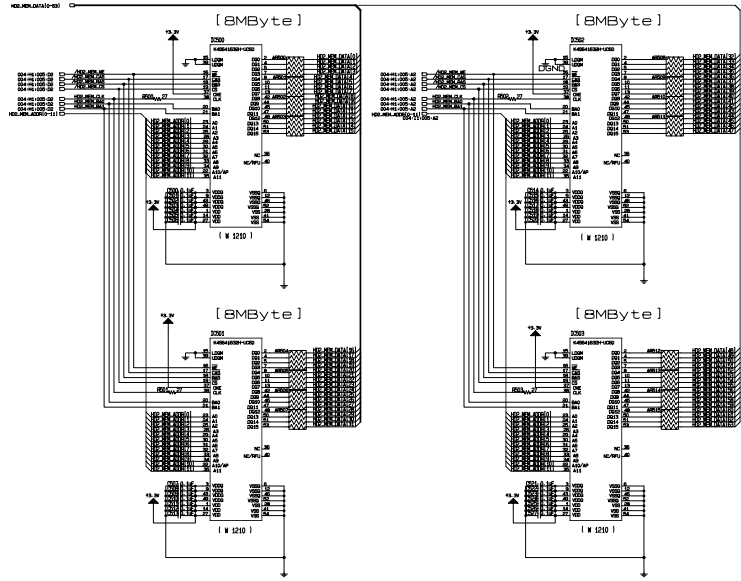
REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
L801	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L900	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L901	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L902	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L903	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L904	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L905	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L906	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L910	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
L911	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A			
X100	6212BA2002C	RESONATOR,CERAMIC CSALA2M69G4ZF01-B0			
X100	6212AB2015E	RESONATOR,CRYSTAL HC-49/SM 10.0MHZ			
X1000	6202VDT002H	RESONATOR,CRYSTAL SX-1 18.432000MHZ			
X101	6212AB2015A	RESONATOR,CRYSTAL HC-49/SM4H 4MHZ			
X102	6202VDT002D	RESONATOR,CRYSTAL SX-1SMD 8.0MHZ			
X300	6212AB2806A	RESONATOR,CRYSTAL SX-1 24.576MHZ			
X600	6212AB2845A	RESONATOR,CRYSTAL ABL5-27.000MHZ			
MISCELLANEOUS					
C1	6850J00005G	CABLE,DVI LVDS UL20276 AWG30 300MM			
C2	6851V00022D	CABLE,COAXIAL(250MM),UL1365#26 VW-1			
IC105	6927V1306AD	SOFT WARE,2.00.1V E656 PDP AF05FD			
IC106	6927V1307AD	SOFT WARE,2.00.1V 2168 PDP AF05FD			
IC109	692791017AA	SOFT WARE,1.00V EC6C PDP AF05FD			
PA101	6712000002B	REMOTE CONTROLLER RECEIVER,38KHZ			
SW200	6634D00010B	ADAPTER,RF TASA-H301P 75 OHM			
TU1100	6700AN0002C	TUNER,TDVS-H702P			
VX500	6204B60001B	OSCILLATOR,27MHZ +/- 100 PPM 3.3V			
X1100	6204B47985K	OSCILLATOR,BMS-873R 25MHZ			
ACCESSORIES					
A1	3828VA0528M	MANUAL,AF05FD ZENITH			
A2	6710V00151J	REMOTE CONTROLLER,AF05FD 50PX2D-UD			
A3	6410VUH005C	POWER CORD,BP-301 2800MM V1625 IVORY			
A4	6850TD9007E	CABLE,D-SUB UL20276-9C(5.8MM) DT L1800			
A5	6851V00019A	CABLE,COAXIAL RF CONN 4AC208A0 3M			
A7	4972V00178A	FIXER,WALL NON ASSY PDP SET			

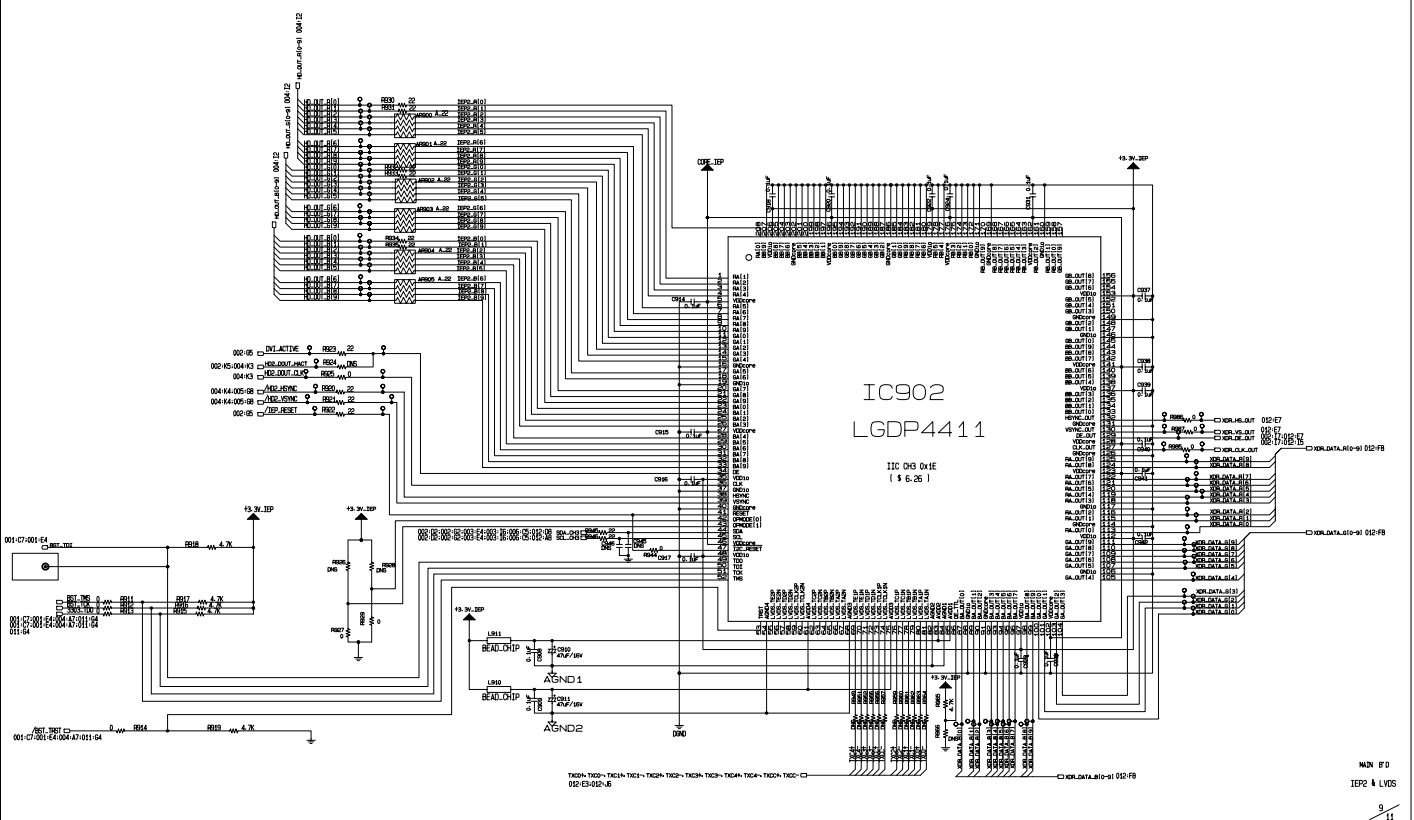
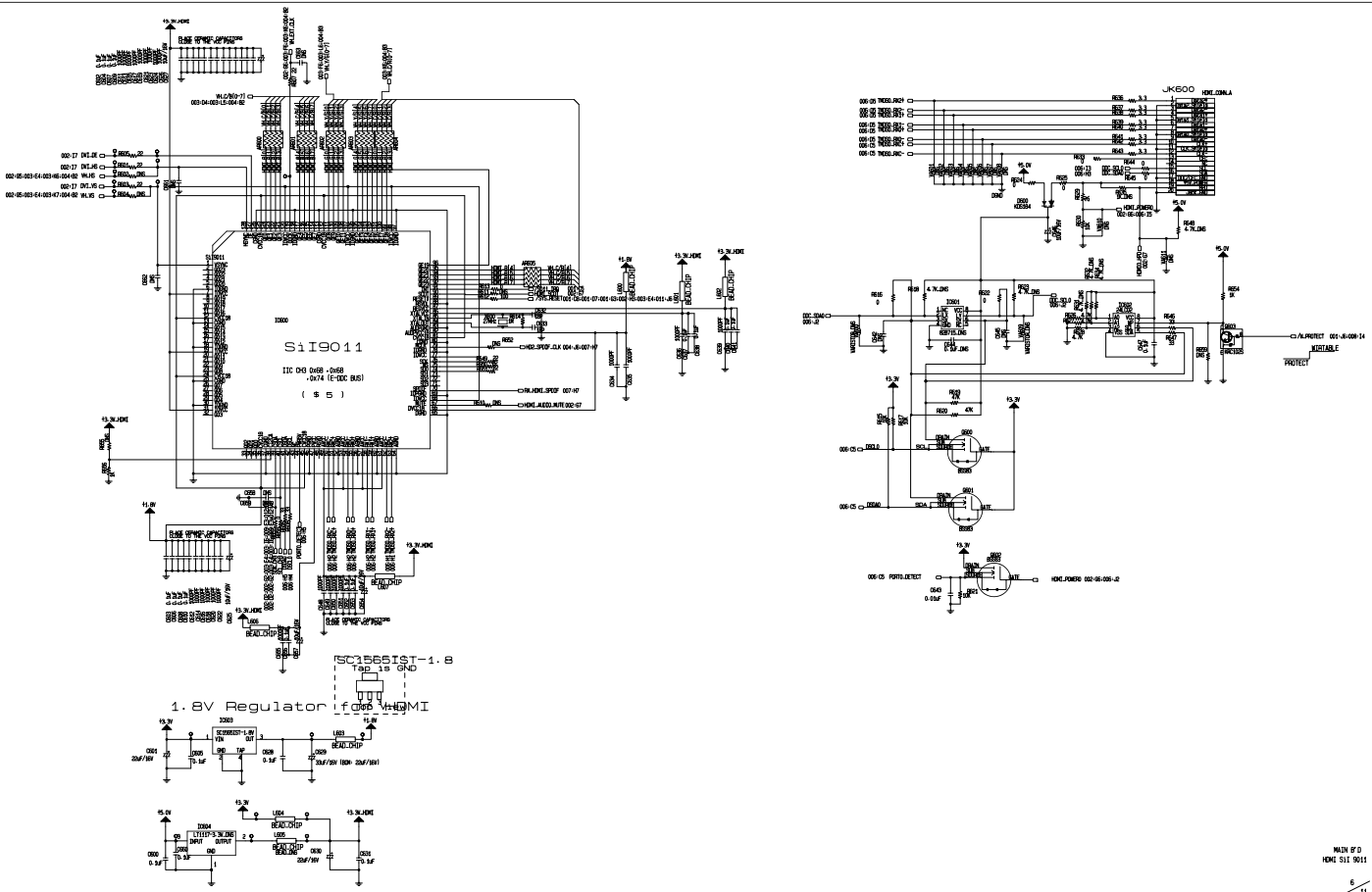
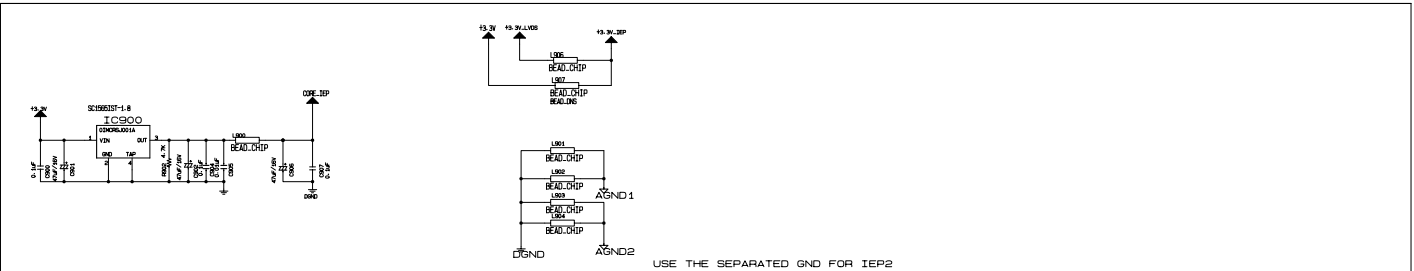
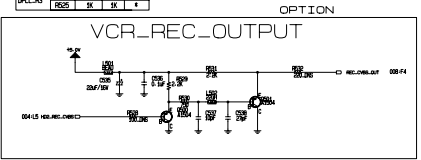
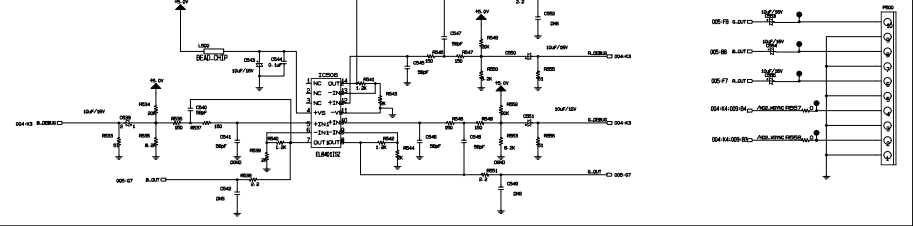
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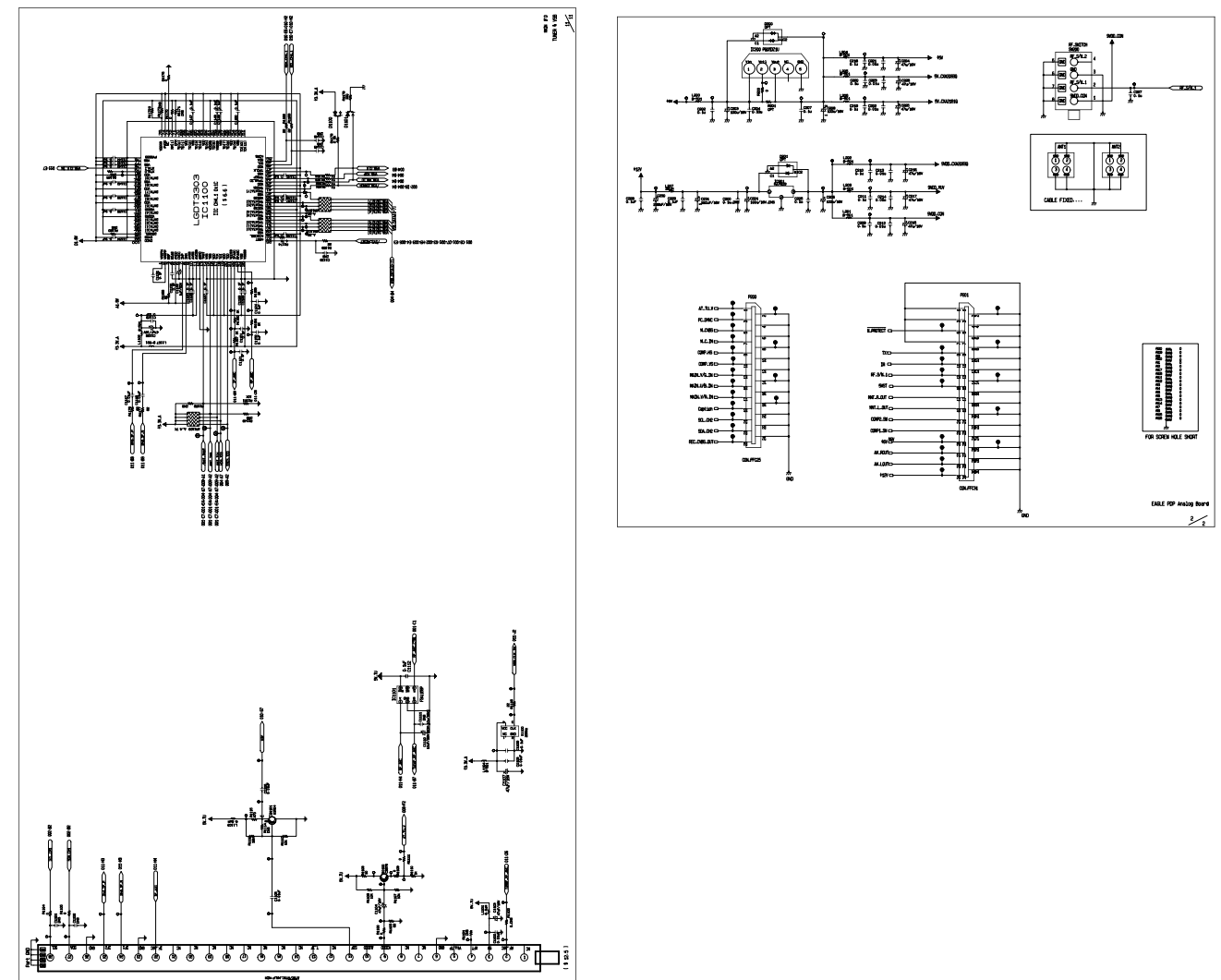
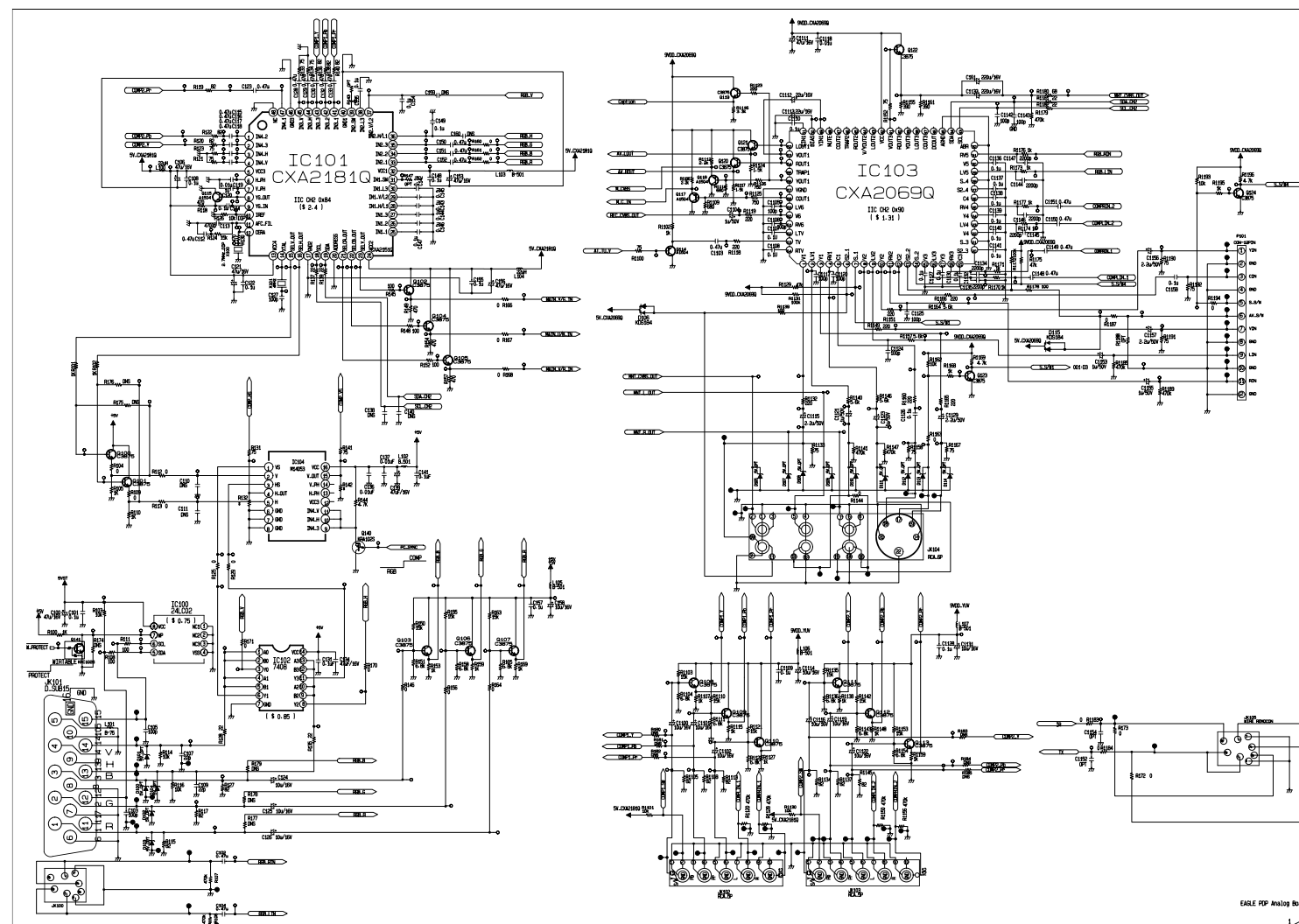
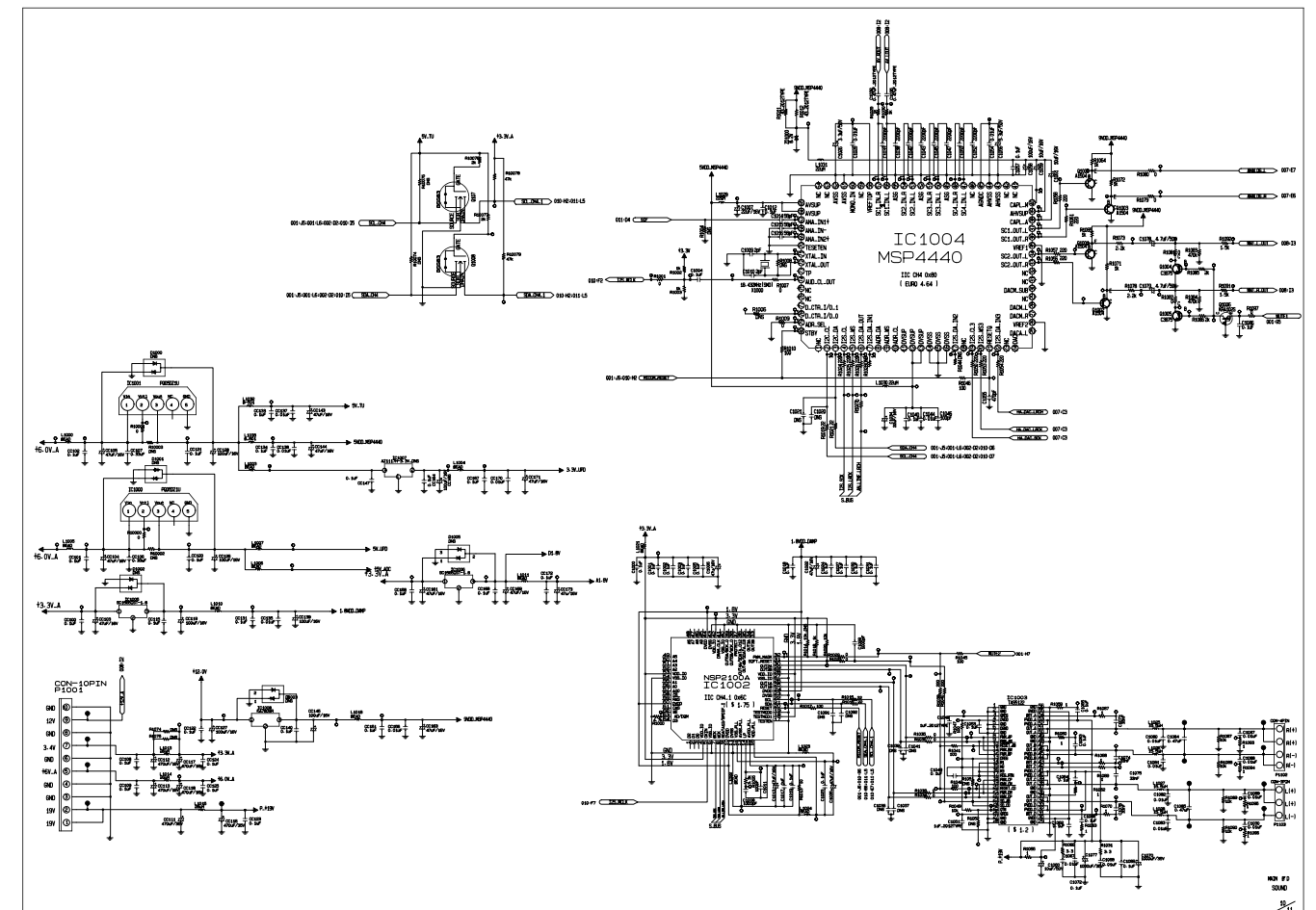
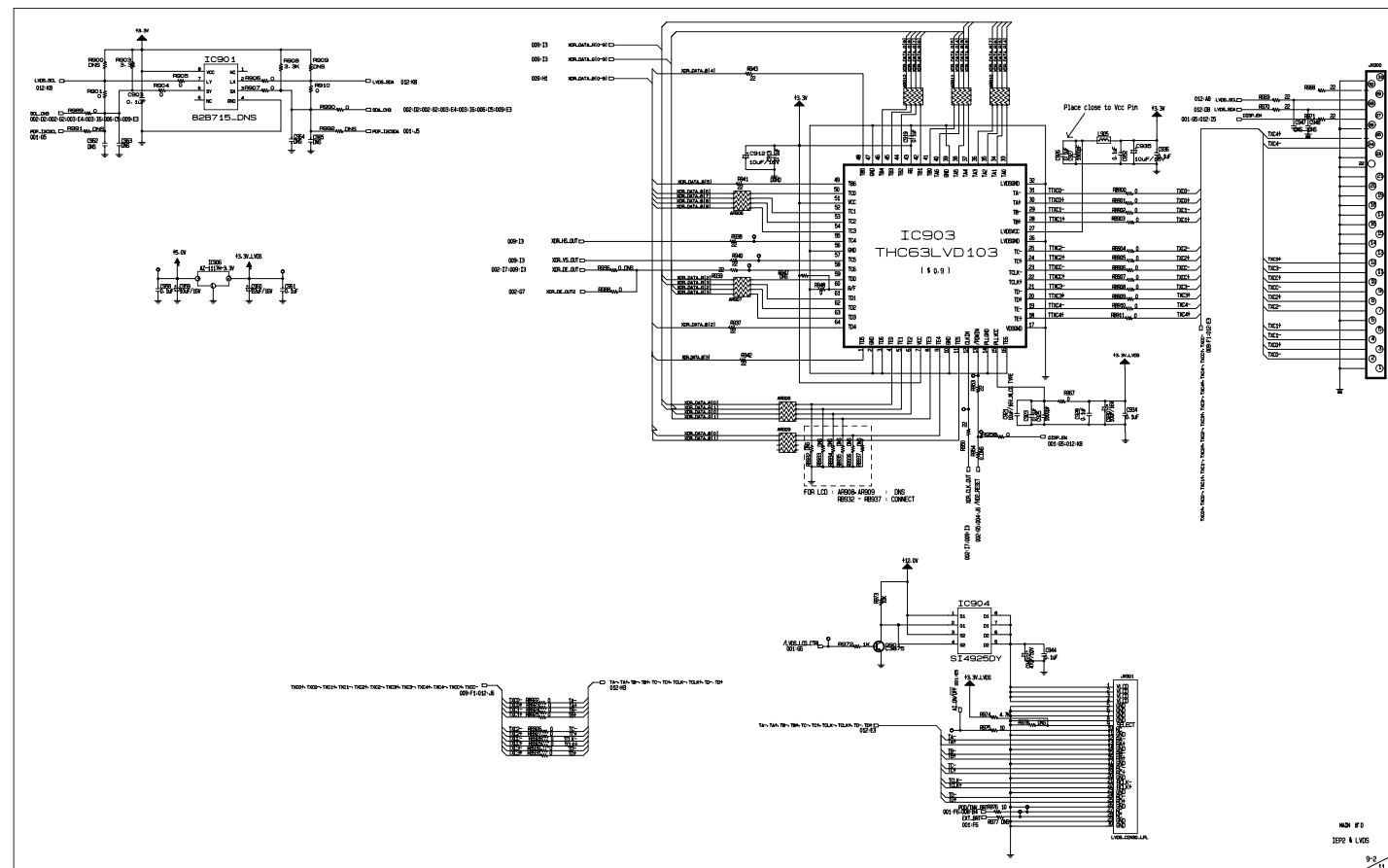


Video Part



Debug Only





DIGITAL(TOP)

