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PLASMA TV

SERVICE MANUAL

CHASSIS : AF-05FB

MODEL : 42PX5D 42PX5D-UB

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety related characteristics. These parts are identified by \triangle in the Schematic Diagram and Replacement Parts List. It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X RADIATION, Shock, Fire, or other Hazards. Do not modify the original design without permission of manufacturer.

General Guidance

An **Isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the same specified type.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm meter to the AC plug prongs tied together and touch other ohm meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

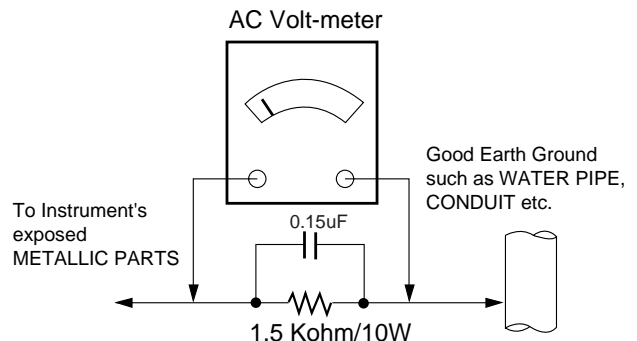
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.

In case any measurement is out of the limits sepcified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



CANADA: LG Electronics Canada, Inc. 550 Matheson
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P.O.Box 240007, 201 James Record Road Huntsville,
AL 35824
Digital TV Hotline 1-800-243-0000

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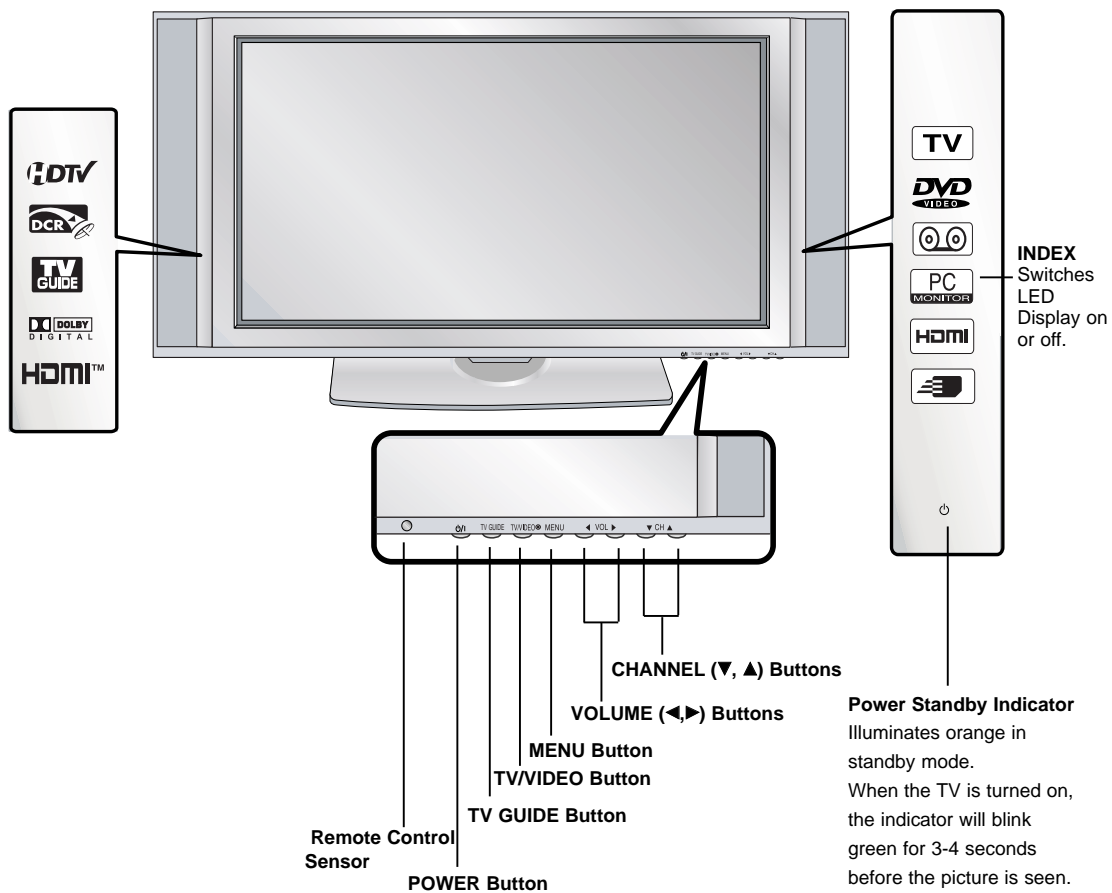
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DESCRIPTION OF CONTROLS

Controls

- This is a simplified representation of a front panel.
- Here shown may be somewhat different from your TV.
- Here shown may be somewhat different from index window position of 42PX5D model.

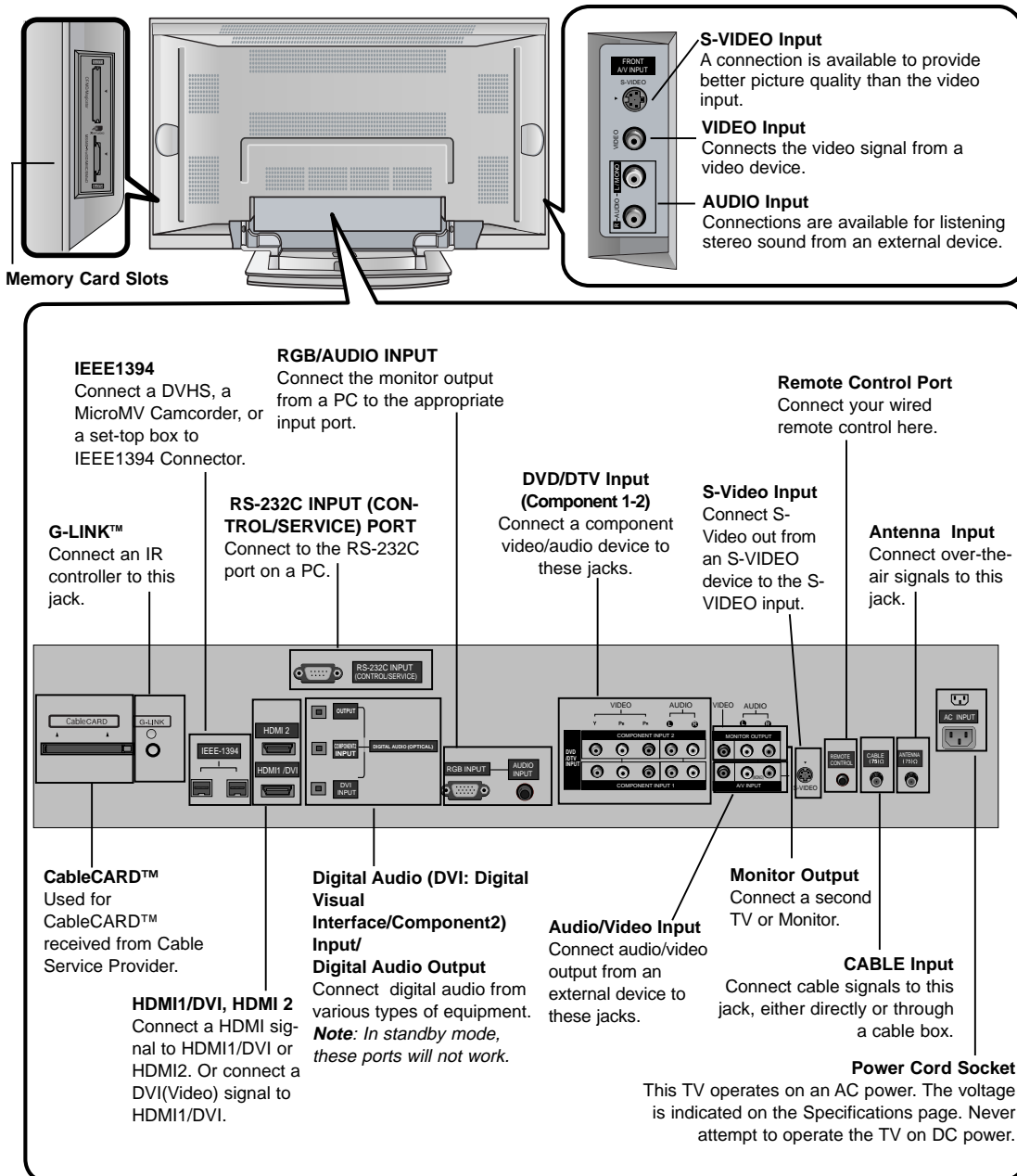
Front Panel Controls



DESCRIPTION OF CONTROLS

Connection Options

Back Connection Panel

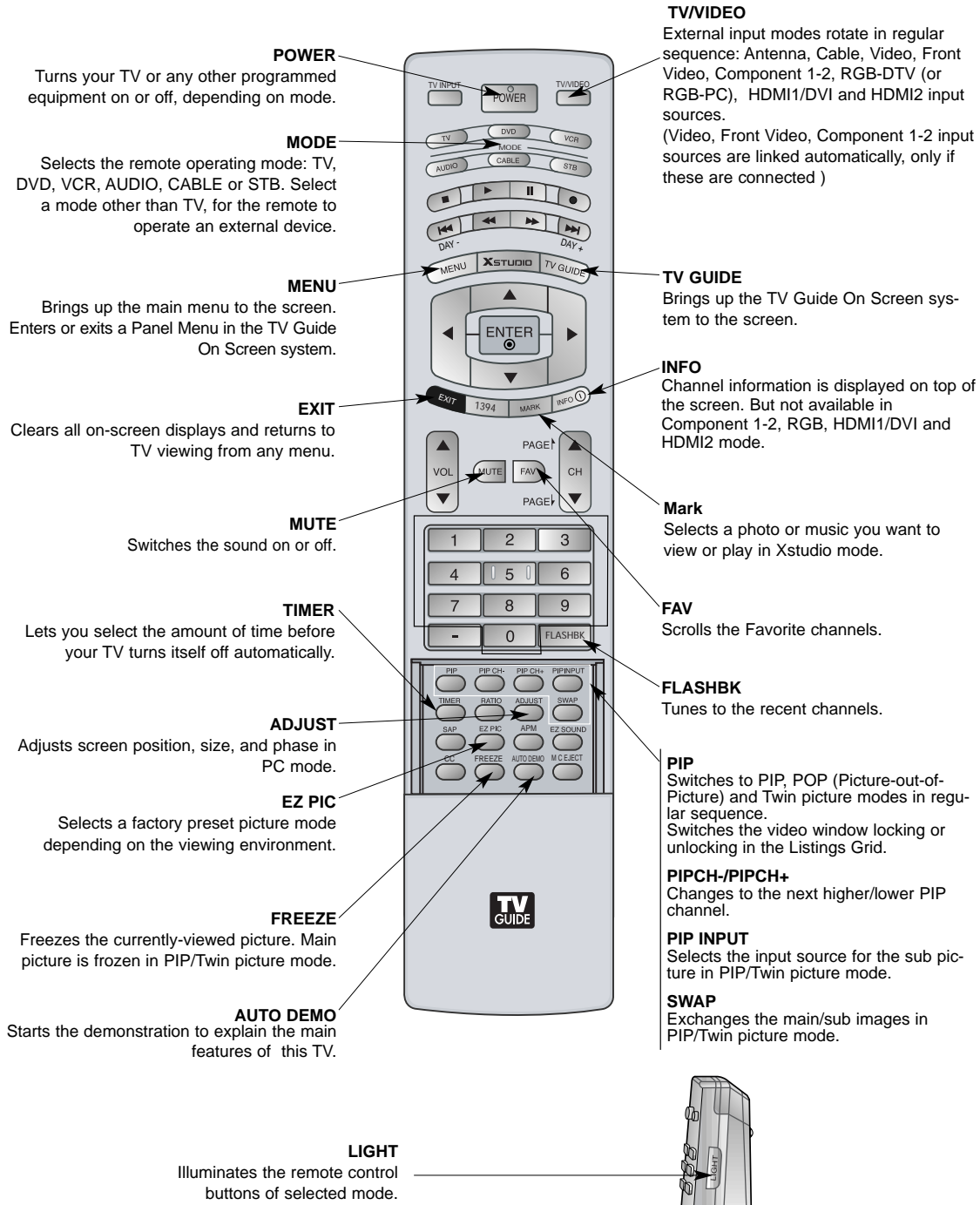


Note: After removing the cover, you can insert the CableCARD™ or connect to the G-LINK jack.

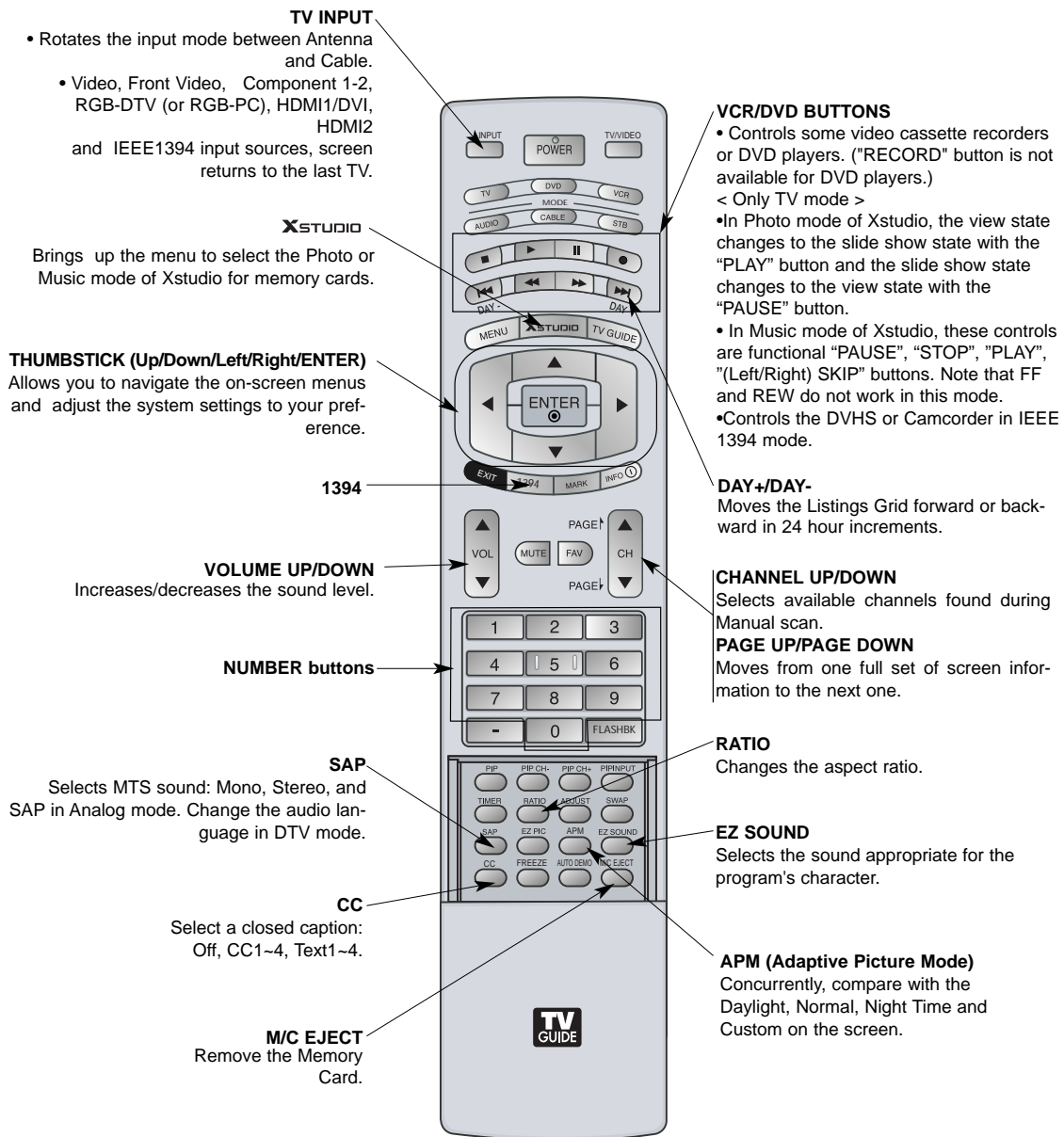
DESCRIPTION OF CONTROLS

Remote Control Key Functions

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



DESCRIPTION OF CONTROLS



SPECIFICATIONS

MODELS	42PX4D-UB / 42PX5D-UB
Width (inches / mm)	49.3 / 1252
Height (inches / mm)	27.8 / 705.5
Depth (inches / mm)	11.3 / 286.7
Weight (pounds / kg)	85.3 / 38.7
Resolution	1024x768 (Dot)
Power requirement	AC100-240V ~ 50/60Hz
Television System	NTSC-M, ATSC
Program Coverage	VHF 2 ~ 13, UHF 14 ~ 69, DTV 2 ~ 69, CATV 1 ~ 135, CADTV 1 ~ 135.
External Antenna Impedance	75 Ω
Color	16,770,000 (256 steps of each R, G and B)
Operating Temperature Range	32 ~ 104°F (0 ~ 40°C)
Operating Humidity Range	Less than 80%
Maximum Elevation	6561 feet (2000m)

- 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-05FB.

2. Notes

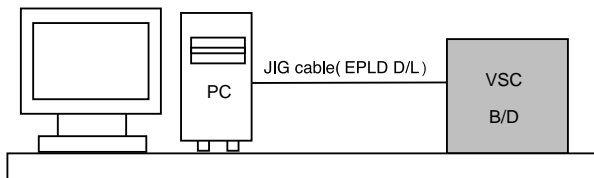
- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test equipment.
- (2) Adjustments must be done in the correct order.
- (3) The adjustments must be performed in the circumstance of $25\pm5^{\circ}\text{C}$ 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 when adjusting.
- (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 prior to adjustment. (Or 7. White Pattern condition in EZ - Adjust)
- 2) Enter into White Pattern
 - Press POWER ON Key on the Service Remote Control (S R/C)
 - Enter the Ez - Adjust by pressing ADJ Key on the Service Remote Control (S R/C).
 - Select the 7. White Pattern using CH +/- Key and press the Enter(■) Key.Display the 100% Full White Pattern.

* Set is activated HEAT-RUN without signal generator in this mode.

If you turn on a still screen more than 20 minutes (Especially Digital pattern(13 CH), Cross Hatch Pattern), an afterimage may occur in the black level part of the screen.

3. EPLD Download



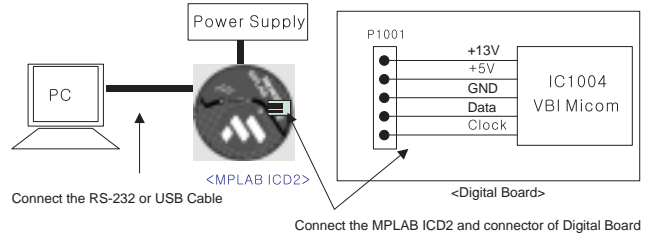
<Fig 1> Connection Diagram of EPLD Download

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

4. Gemstar VBI Micom Download

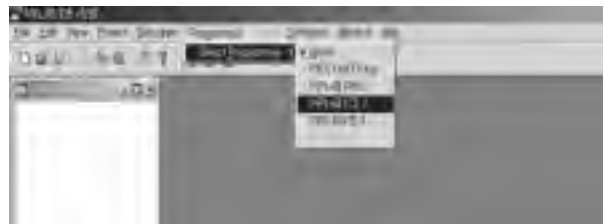
4-1. Preparation for Adjustment

- (1) As shown below, connect the MPLAB ICD2 equipment, PC and Digital Connector.
- (2) Turn on the MPLAB ICD2 POWER Supply.
- (3) After turn on the PC and MONITOR, select the 'MPLAB IDE' from the screen.

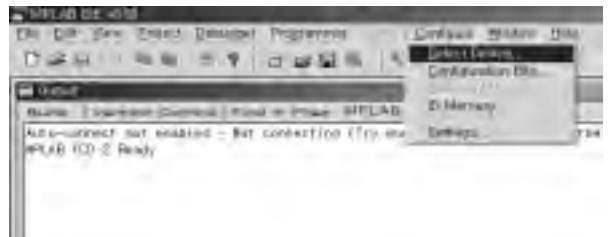


4-2. Adjustment Sequence

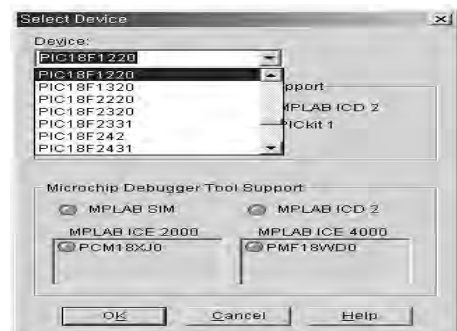
- (1) When the program is executed, select the MPLAB ICD2 from Programmer -> Select Programmer .



- (2) Select "Configure -> Select Device".



- (3) When the "Select Device" window appears, select the PIC18F1220 from "Device" and press OK.



ADJUSTMENT INSTRUCTIONS

- (4) Select "Programmer -> Connect".



When connected with the Micom, the display message on the Output window appears as below.

```
Connecting to MPLAB ICD 2
...Connected
Setting Vdd source to MPLAB ICD 2
Target Device PIC18F1220 found, revision = 0x4
...Reading ICD Product ID
Running ICD Self Test
...Passed
MPLAB ICD 2 Ready
```

- (5) Select "File -> Import", select the Work HEX file and open.



- (6) Select "Programmer -> Program".



- (7) Download is executed and about 5 seconds later, the "Programming succeeded" message is displayed on the Output window and the Download process is ended.

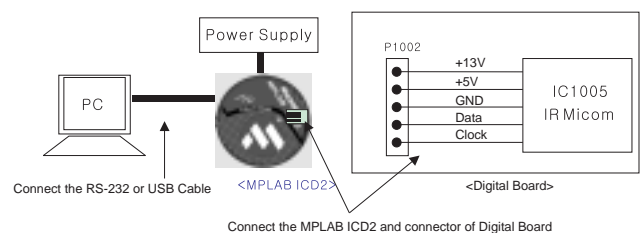
- (8) The execution of process (6) is convenient when using the short-cut icon.



5. Gemstar IR Micom Download

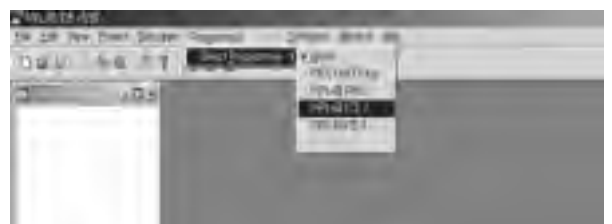
5-1. Preparation for Adjustment

- (1) As shown below, connect the MPLAB ICD2 equipment, PC and Digital Connector.
- (2) Turn on the MPLAB ICD2 POWER Supply.
- (3) After turn on the PC and MONITOR, select the 'MPLAB IDE' from the screen.



5-2. Adjustment Sequence

- (1) When the program is executed, select the MPLAB ICD2 from "Programmer -> Select Programmer".

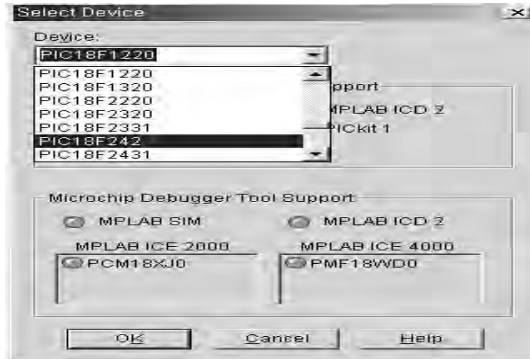


- (2) Select "Configure -> Select Device".



ADJUSTMENT INSTRUCTIONS

- (3) When the "Select Device" window appears, select the PIC18F242 from "Device" and press OK.



- (4) Select "Programmer -> Connect".



When connect with the Micom, the display message on the Output window appears as below.

```
Connecting to MPLAB ICD 2
...Connected
Setting Vdd source to MPLAB ICD 2
Target Device PIC18F242 found, revision = 0x7
...Reading ICD Product ID
Running ICD Self Test
...Passed
MPLAB ICD 2 Ready
```

- (5) Select "File -> Import", select the Work HEX file and open.

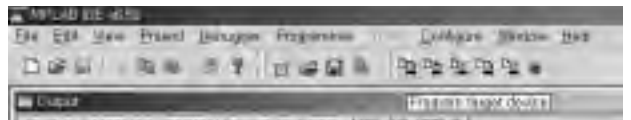


- (6) Select "Programmer -> Program".



- (7) Download is executed and about 3 seconds later, the "Programming succeeded" message is displayed on the Output window and the Download process is ended.

- (8) The execution of process (6) is convenient when using the short-cut icon.



6. POD Certificate Download & IEEE1394(DTCP) Download

6-1. Preparation for Adjustment

- (1) Connect the MEMORY JIG and PC.
- (2) Turn on the JIG MAIN POWER SWITCH.
- (3) After turn on the PC and MONITOR, execute the 'Certificate Downloader v1.4' from the screen.

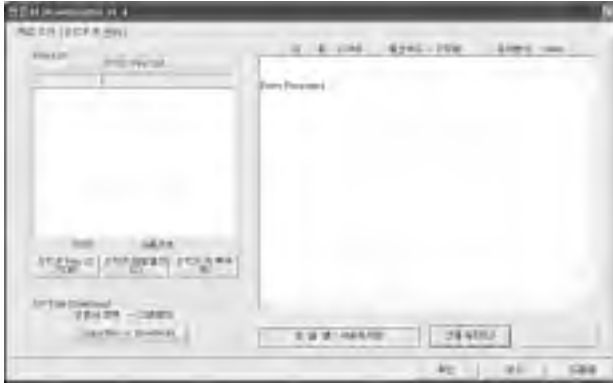
6-2. Adjustment Sequence

- (1) After open the 'Certificate Downloader v1.4', enter Connection set and set the as same below.
The port settings are determined by each PC's setup.



ADJUSTMENT INSTRUCTIONS

- (2) Select 'Connection' and SET connected to RS-232C.
- (3) After clicking "Enter", confirm that "Enter Password:" appears.



- (4) Click the "OpenFile - Download" button from CP Data Download, 'select the Private Key' appears and click ENTER.



- (5) After clicking ENTER, the 'opens Private key' window appears and select the Private key applied to the SET. The Private Key file name is on the Label of the Digital Board.

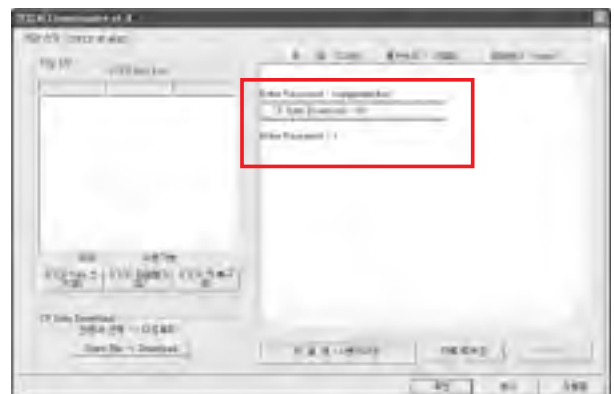


- (6) When the Dialog window appears, click OK and the write work will begin.



- (7) When completed, click 'CP Data Download: OK'

※ When 'CP Data Download: OK' does not appear, certificate has not Download correctly.
SET is rebooted and certificate Download work must be repeated.

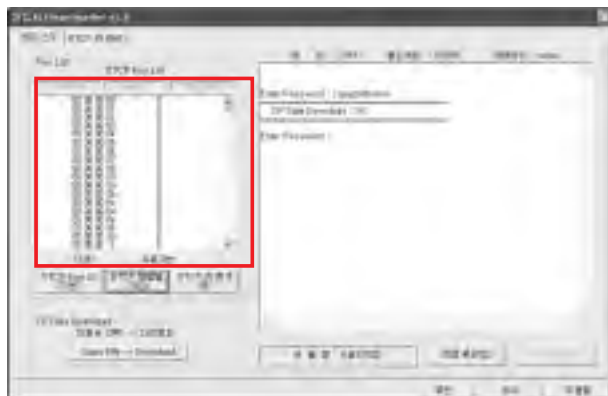


- (8) Now, you may begin IEEE1394 (DTCP) Download work. Select the "DTCP.dat" file by pressing the 'DTCP File Open' button.



ADJUSTMENT INSTRUCTIONS

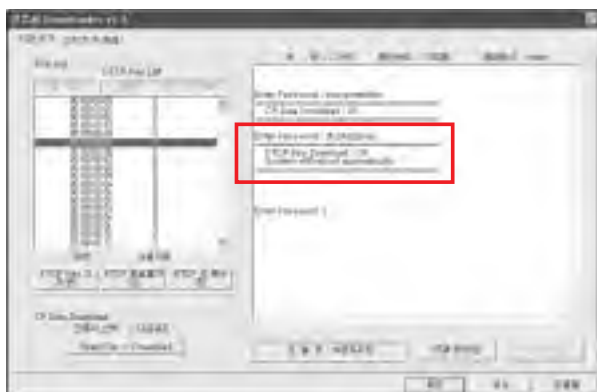
- (9) After opening the 'DTCP.dat' file, confirm the key list in the DTCP Key List window.



- (10) Select the desired item of DTCP key List.
When pressing 'DTCP key writing' button, the Progress window will appear.



- (11) When completed, "DTCP key Download: OK" will display in the Terminal window and the SET will reboot automatically.



- ※ When process (11) malfunctions, it is not Download.
DTCP Download process start again from (8).

7. Gemstar Operation Confirmation

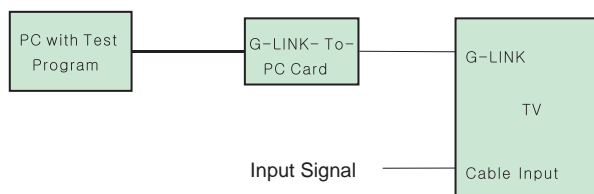
7-1. Required Test Equipment

- (1) PC with Factory Test Program
- (2) G-LINK-To-PC Card (Serial GLINK(CN1202))
- (3) VBI Inserter (Norpak TES3) - Guide Data Discharge Equipment

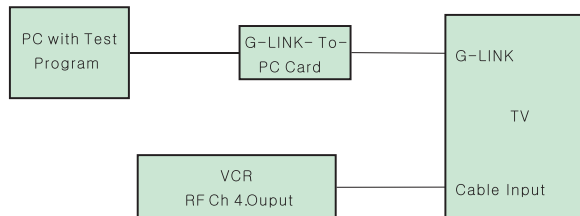
- ※ In case of without the VBI Inserter(TES3), a VCR may be used.

7-2. Preparation for Adjustments

- (1) In case of with VBI Inserter(TES3): Signal uses Cable input and set as below.



- (2) In case of without VBI Inserter(TES3): VCR uses Cable input and set as below.

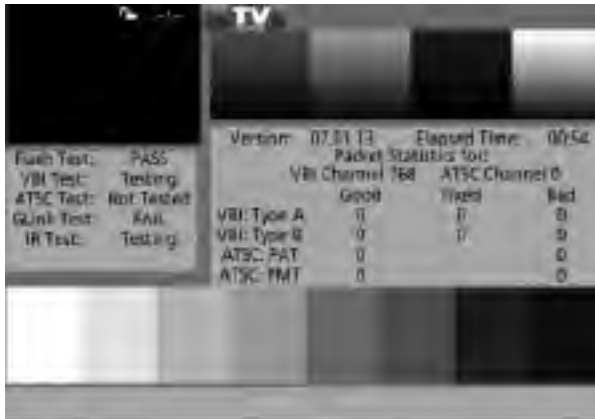


- ※ Factory Test S/W must be set to "GlinkTo PC Card" ON.

7-3. Adjustment Confirmation Work

- (1) Turn on the TV and run Factory Test Program of PC.
- ※ Program only needs to run once, regardless of set quantity.
- (2) Enter the EZ adjust menu by pressing Adjust on the Service Remote Control (S R/C).
- (3) Go to number 1 Gemstar and press Enter.
- (4) TV set screen will appear as shown.

ADJUSTMENT INSTRUCTIONS

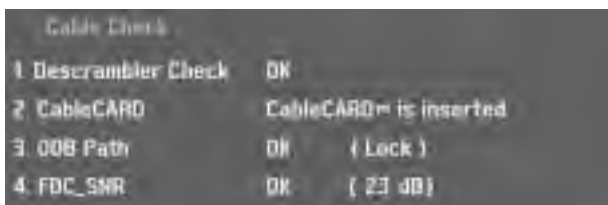


- (5) Confirm that VBI Test, Glink Test and IR Test PASS from the screen.

8. Cable Operation Confirmation

- (1) Confirm that the Cable Card is inserted in the slot.
- (2) Enter the EZ adjust menu by pressing Adjust on the Service Remote Control (S R/C).
- (3) Go to number 2 Cable Check and press the Right key (►) .
- (4) Confirm items below..

Name	Normal	Defective
Descrambler Check	OK	Not OK
CableCARD	CableCARD™ is inserted.	CableCARD™ is removed.
OOB Path	OK(Lock)	Not OK(Unlock)
FDC_SNR	OK(20dB above)	Not OK(20dB under)
Video Signal	Normal Screen	Black Screen (No Picture)



ADJUSTMENT INSTRUCTIONS

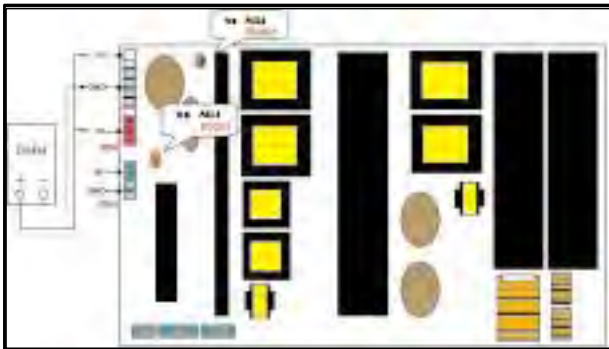
Each PCB Assy must be checked by Check JIG Set before assembly. (Especially, be careful Power PCB Assy which can cause Damage to the PDP Module.)

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

9-1. Test Equipment : D.M.M 1EA

9-2. Connection Diagram for Measuring

Refer to Fig 1.



<Fig. 1> Connection Diagram of Power Adjustment for Measuring (Power Board): 50"

9-3. Adjustment (50")

(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 RV501 voltage to match that of the label on the Top/Right of the panel. (Deviation : $\pm 0.5V$)

(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 : $\pm 0.5V$)

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

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

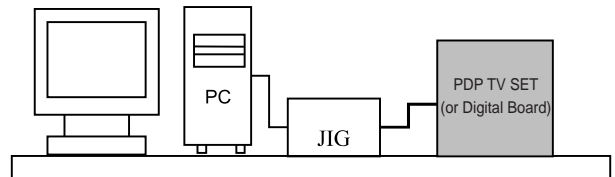
10-1. HDMI EDID Data Input

(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. 2>

10-2. EDID DATA for AF-05FB

- 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	20	00	00	FD
70		00	3B	3C	1F	2D	08	00	0A	20	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	00
F0		00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	88

ADJUSTMENT INSTRUCTIONS

• 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 20 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 20 01 77
80| 02 03 15 F2 46 84 85 03 02 07 06 23 15 07 50 65
90| 03 0C 00 20 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 78
    
```

• 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 C5
    
```

11. AD9883A-Set Adjustment

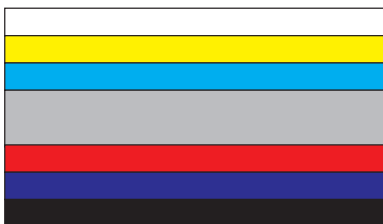
11-1. Synopsis

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

11-2. Test Equipment

Service R/C, 801GF(802B, 802F, 802R) or MSPG925FA Pattern Generator

(720P The Horizontal 100% Color Bar Pattern output will be possible and the output level will accurately have to be revised with 0.7±0.1Vp-p)



<Fig. 3> Adjustment Pattern : 720P/60Hz HozTV30Bar Pattern

11-3. Adjustment

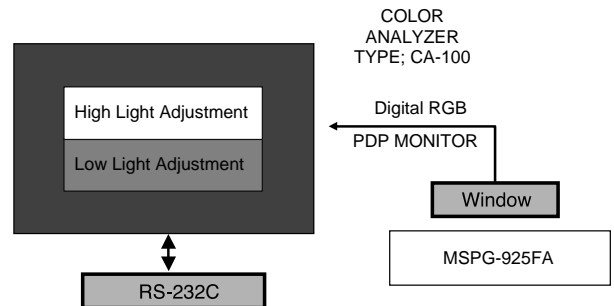
- (1) Select Component1 or Component2 as the input with 100% Horizontal Color Bar Pattern(HozTV30Bar) in 720p Mode and select 'Normal' in screen.
- (2) After receiving signal for at least 1 second, press the ADJ Key on the Service R/C to enter the 'Ez - Adjust' and select the '1. AD9883A-Set'.
Pressing the + Key to adjust with automatic movement.
- (3) When the adjustment is over, 'End Of AD9883A Adjust' is displayed. If the adjustment has errors, 'AD9883A Configuration Error' is displayed.
- (4) Readjust after confirming the case Pattern or adjustment condition where the adjustment errors.
- (5) After adjustment is complete, exit the adjustment mode by pressing the ADJ KEY.

12. Adjustment of White Balance

12-1. 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

12-2. Connection Diagram of Equipment for Measuring (Automatic Adjustment)



<Fig. 4> Connection Diagram of Automatic Adjustment

* RS-232C Command (Automatic Adjustment)

	RS-232C Command [CMD ID DATA]	MIN	CENTER (DEFAULT)		MAX
			50"	60"	
R Gain	kv00xx	00	7f	7f	ff
G Gain	kw00xx	00	87	87	ff
B Gain	k\$00xx	00	7f	7f	ff
R Cut		00	3f	3f	7f
G Cut		00	32	32	7f
B Cut		00	49	49	7f

ADJUSTMENT INSTRUCTIONS

12-3. 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 "7. 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 (▶) .
 - (5) Adjust the Hight Light using R Gain/B Gain/B Gain and adjust the Low Light using R Cut/G Cut/B Cut.
 - (6) Adjust using Volume +/- KEY.

[DU-42PX41X]

(R-Gain: 127 R-Cut: 63 Fix.)

High Level: 150gray

Low Level: 60gray

High X; 0.285±0.003 Y; 0.285±0.002

Low X; 0.285±0.004 Y; 0.285±0.004

Color temperature: 9,800°K±500°K

[DU-50PX41]

(G-Gain: 127 R-Cut: 63 Fix.)

High Level: 150gray

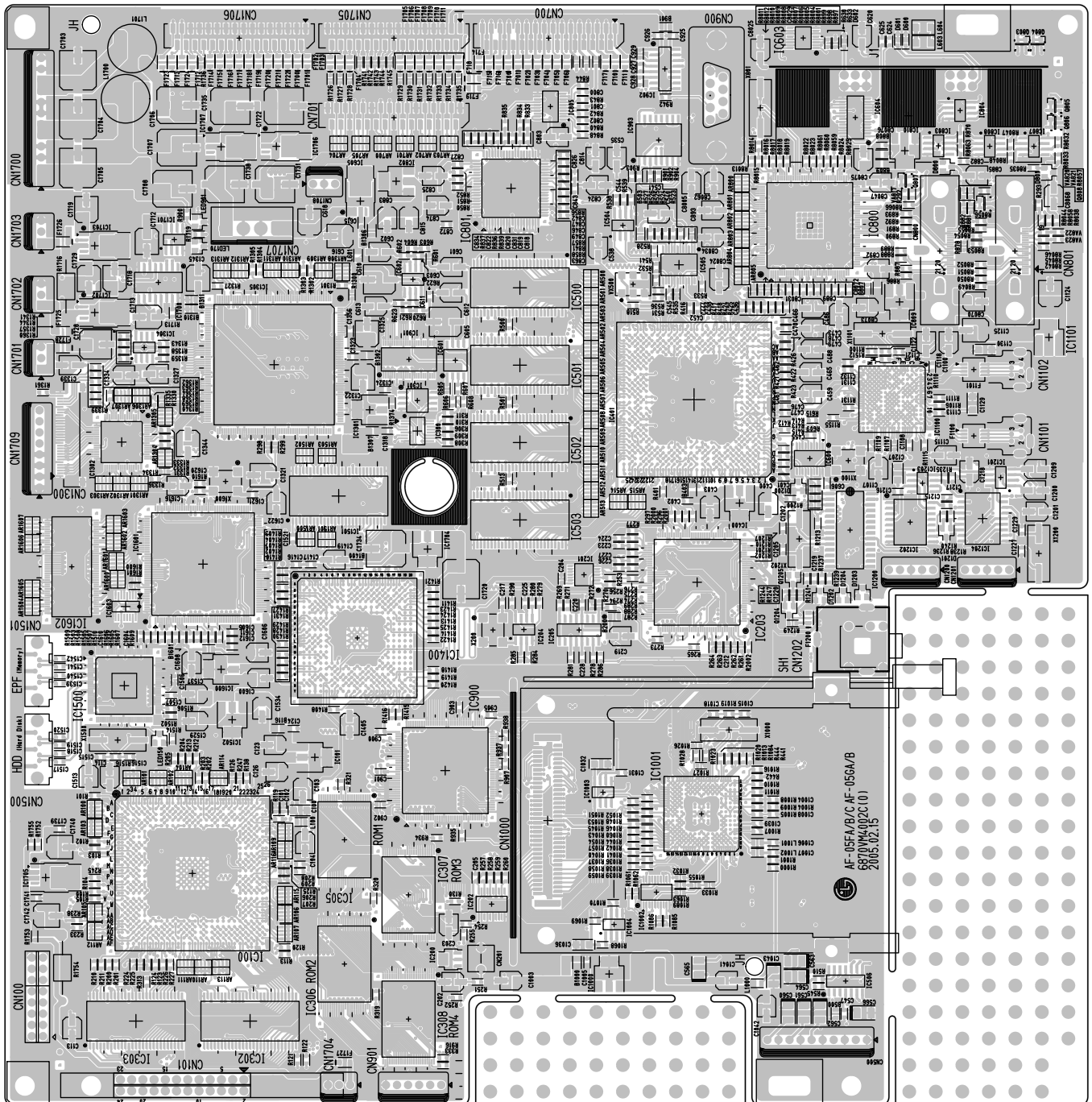
Low Level: 60gray

High X; 0.285±0.003 Y; 0.285±0.002

Low X; 0.285±0.004 Y; 0.285±0.004

Color temperature: 9,800°K±500°K

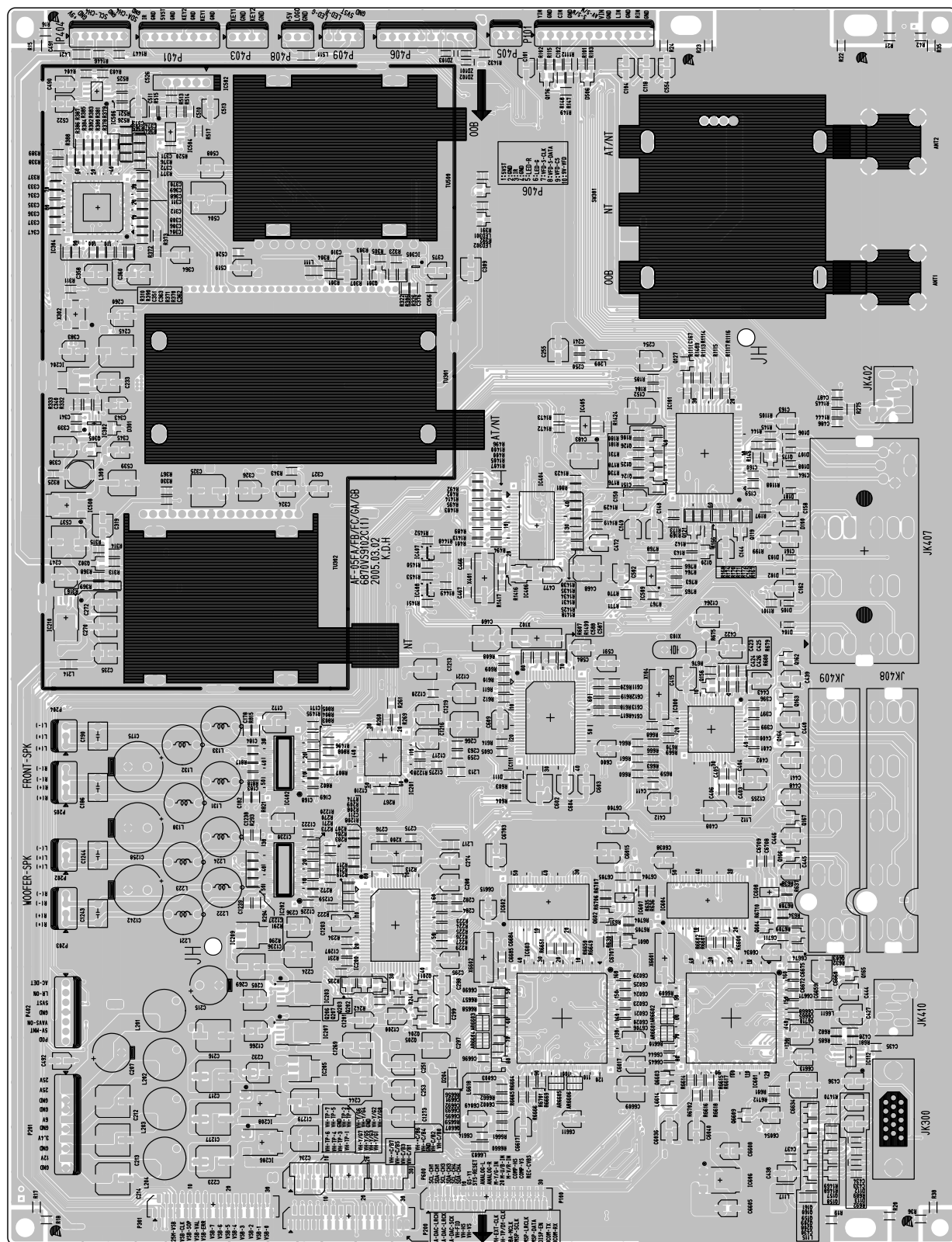
MAIN DIGITAL(TOP)



MAIN DIGITAL(BOTTOM)



MAIN ANALOG(TOP)

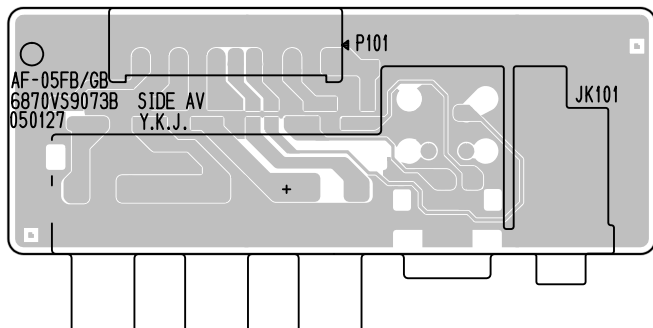


MAIN ANALOG(BOTTOM)

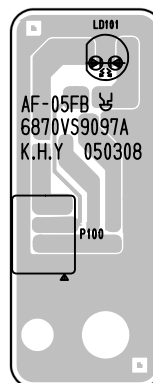


PRINTED CIRCUIT BOARD

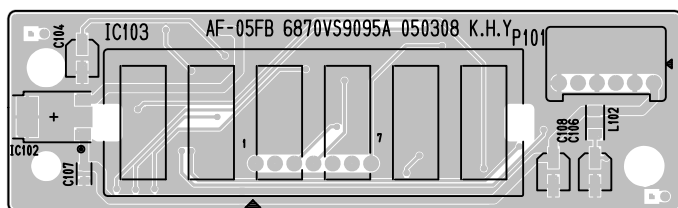
SIDE A/V



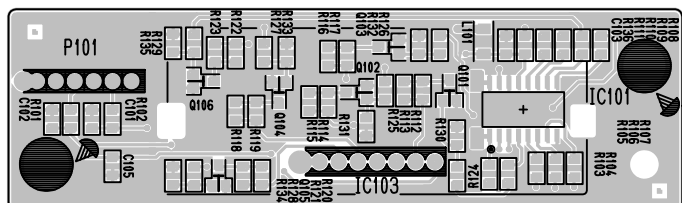
POWER LED(TOP)



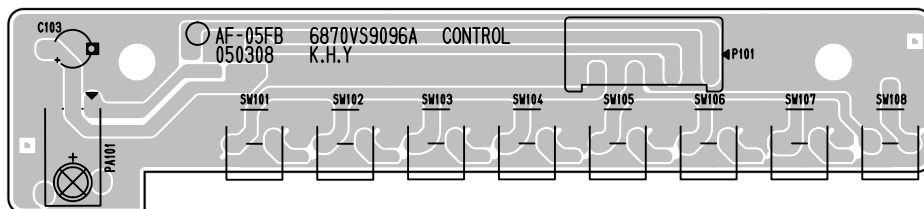
INDEX(TOP)



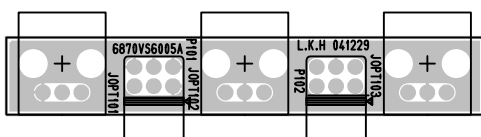
INDEX(BOTTOM)



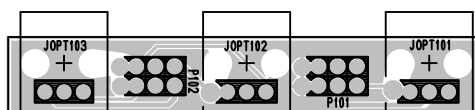
CONTROL



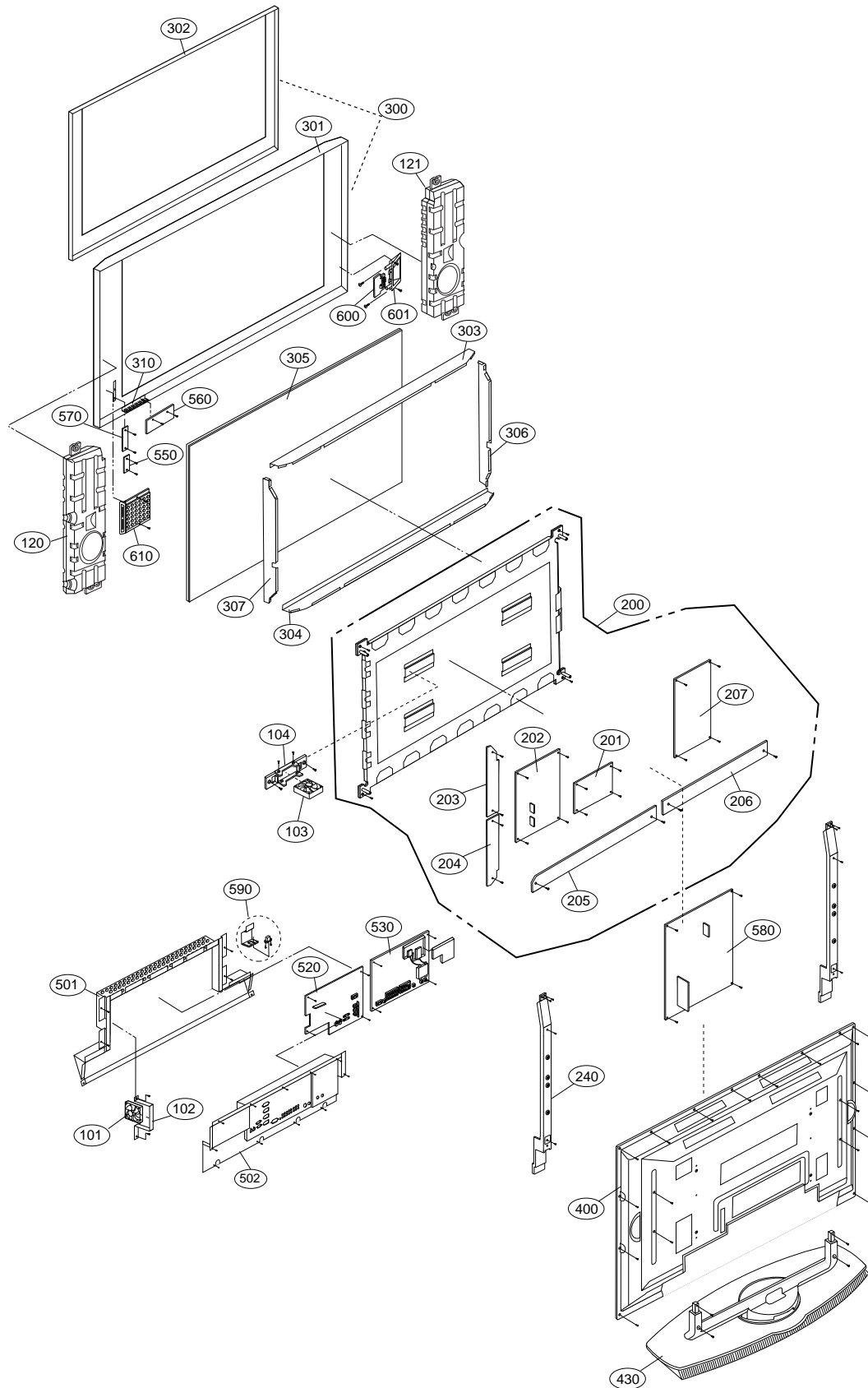
SPDIF(TOP)



SPDIF(BOTTOM)



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
101	5900V04010A	FAN,DC EFB0412LD-W147 DELTA 40*40*20 12V/0 05A 5000RPM 7.0-13.8VDC L=100MM
102	4980V00327B	SUPPORTER,FAN EGI 40*40*20,50PY20 PRESS
103	5900V06008B	FAN,DC G6015S12B2-RG DONGYANG 60*60*15 7V 1900RPM 6/12V L=500MM
104	4980V00D43B	SUPPORTER,FAN SECC(EGI) MZ-42PM10 PRESS
120	6401VD0024A	SPEAKER ASSEMBLY,FULL RANGE(R) NON RZ-42PX40 R
121	6401VD0025A	SPEAKER ASSEMBLY,FULL RANGE(L) NON RZ-42PX40 L
200	6348Q-E074Z	PDP,42 1024*768 PDP42X20022.AKLGG
	6348Q-E091U	PDP,42 1024*768 PDP42X20022.DDRSA C/SKD
201	6871QCH060B	PCB ASSEMBLY,DISPLAY CTRL ASSY 42X2AI CTRL LGDP4024 MCM REV.
202	6871QYH042B	PCB ASSEMBLY,DISPLAY YSUS ASSY 42HD 42X2A
203	6871QDH090B	PCB ASSEMBLY,DISPLAY YDRV ASSY 42HD 42X2A YDRV TOP
204	6871QDH091B	PCB ASSEMBLY,DISPLAY YDRV ASSY 42HD 42X2A YDRV BTM
205	6871QLH037A	PCB ASSEMBLY,DISPLAY XRLT ASSY 42X2 X-LEFT(TCP)
206	6871QRH043A	PCB ASSEMBLY,DISPLAY XRRT ASSY 42X2 X-RIGHT (TCP)
207	6871QZH047B	PCB ASSEMBLY,DISPLAY ZSUS ASSY 42HD 4X2A
240	4980V00C84A	SUPPORTER ASSY,AL RZ-42PX40
	4980V00C84B	SUPPORTER ASSY,AL 42PX40X C/SKD
300	3091V00775A	CABINET ASSEMBLY,DU-42PX5 NON AF05FB 2PIECE
	3091V00775H	CABINET ASSEMBLY,42PX5D-UB NON NON 2PIECE C/SKD
301	3090V00660A	CABINET,42PX5 (2PIECE) PDP NON
302	3211V00193A	FRAME ASSEMBLY,FRONT 42PX5 NON
303	4980V01128B	SUPPORTER ASSY,AL DU-42PX41XS 0.8T TOP
	4980V01128C	SUPPORTER ASSY,AL 42PX4D-UB 0.8T TOP C/SKD
304	4980V01130B	SUPPORTER ASSY,AL DU-42PX41XS 0.8T BOTTOM
	4980V01130C	SUPPORTER ASSY,AL 42PX4D-UB 0.8T BOTTOM C/SKD
305	3790V00709C	FILTER(MECH),LGM42-09 MITSUI 42"
	3790V00709B	FILTER(MECH),LGM42-01 MITSUI 42 ETCHING MESH GLASS FILTER *LGECI
306	4980V01134B	SUPPORTER ASSY,AL 42PX4D-UB 0.8T LEFT
	4980V01134C	SUPPORTER ASSY,AL 42PX4D-UB 0.8T LEFT C/SKD
307	4980V01132B	SUPPORTER ASSY,AL 42PX4D-UB 0.8T RIGHT
	4980V01132C	SUPPORTER ASSY,AL 42PX4D-UB 0.8T RIGHT C/SKD
310	5020V01022A	BUTTON,CONTROL RZ-42PX40 ABS, AF-303S 8KEY NON
	5020V01022B	BUTTON,CONTROL DU-42PX51X ABS, AF-303S 8KEY TITAN GRAY
400	3809V00513D	BACK COVER ASSEMBLY,DU-42PX41X NON DARK TITAN BLACK
	3809V00513S	BACK COVER ASSEMBLY,42PX4D-UB(DU-42PX41X) NON EPF,LGERS SKD
430	3501V00216A	BOARD ASSEMBLY,AP-42DX41 NON WITHOUT PACKING
	3501V00216B	BOARD ASSEMBLY,AP-42DX41 NON C/SKD
501	3301V00055B	PLATE ASSEMBLY,AV 3301V00053B 3301V00054A DU-42PX41X ASSY
502	3301V00066C	PLATE ASSEMBLY,AV 3300V00496C 3300V00498A DI COVER
520	6871VMMZX8A	PCB ASSEMBLY,MAIN AF-05FB 42PX5D-UB DIGITAL
530	6871VSMT91A	PCB ASSEMBLY,SUB TUNER AF05FB DU-42PX41X ANALOG
550	6871VSMS59A	PCB ASSEMBLY,SUB LED AF05FB DU-42PX51X LEDM/I
	68719SF006A	PCB ASSEMBLY,SUB PAKING AF05FB 42/50PX5D-UB SUSLLBR POWER LED
560	6871VSMS58A	PCB ASSEMBLY,SUB CONT AF05FB DU-42PX51X CONTROLM/I
	68719SF004A	PCB ASSEMBLY,SUB PAKING AF05FB 42/50PX5D-UB SUSLLBR LOCAL KEY
570	6871VSMS53A	PCB ASSEMBLY,SUB LED AF05FB DU-42PX51X INDEXM/I
	68719SF005A	PCB ASSEMBLY,SUB PAKING AF05FB 42/50PX5D-UB SUSLLBR INDEX
580	6709V00003A	POWER SUPPLY ASSEMBLY,420W 1H255W SANKEN 42INCH DCR PSU
590	3141VSN422A	CHASSIS ASSEMBLY,SUB MF056A AC INET ASSY
	31419SF014A	CHASSIS ASSEMBLY,SUB AF05FB 42PX5D-UB SKD AC INET
600	6871VSMT96A	PCB ASSEMBLY,SUB A/V AF05FB DU-50PX41S SIDE A/V
601	4811V00173D	BRACKET ASSEMBLY,SIDE AV DU-42PX40X RF052C ASSY SIDE AV
	4811V00173J	BRACKET ASSEMBLY,SIDE AV 42PX4D-UB RF052C NO JACK C/SKD
610	3141VSNJ20A	CHASSIS ASSEMBLY,SUB AF05FB DU-42X41X EPF
	31419SF016A	CHASSIS ASSEMBLY,SUB AF05FB 42PX5D-UB SKD EPF

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 : 2005.3.14

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
IC			IC301	0IMCRAL021A	AT24C512W-10SI-2.7 8P
IC100	0IPRPBM001B	PPC405GPR-3JB266C CPU	IC302	0IMMRHY038C	HY57V561620CT-H HYNIX 54PIN
IC1000	0IMCRSJ001B	SC1565IST-2.5TR 2.5V 1.5A 3P SOT-223	IC302	0ITK118100B	TK11840L 8P SOT23L
IC1001	0ICTMLG017A	LGDT3502B LG IC 208P/PBGA	IC303	0IMMRHY038C	HY57V561620CT-H 54PIN
IC1002	0IMCRFA013A	74LCX244MTC 20P	IC304	0ICTM00006A	LGDT3701 LG SYSTEM IC 128P
IC1003	0IMCRLT002A	LCT1470CS8 8P	IC305	0IMMRAM006B	S29JL064H90TA100 AMD 48P
IC101	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	IC305	0IPRP00538A	FSA1156P6X-NL 6P/MAA06A
IC101	0ISO206900A	CXA2069Q QFP64 BK I2C BUS AV S/W	IC306	0IMMRAM006B	S29JL064H90TA100 AMD 48P
IC101	0IMI623200B	M62320FP 16P	IC307	0MMRFU004A	MBM29DL323TE90TN 48
IC102	0IMCRFA015A	KA7805R 2P 500MA	IC308	0MMRFU004A	MBM29DL323TE90TN FUJITSU 48
IC1100	0IMCR02014A	TSB43DA42AZHCR 196P/BGA	IC400	0MCRSJ001A	SC1565IST-1.8 3P SOT223
IC1101	0IPMG00028A	AZ1117H-1.5TRE1 BCD 3P/SOT-223	IC401	0ICTMLG009C	LGDT1102C HD2.3 LG IC SBGA-432P
IC112	0IMMRAL014B	AT24C02N-10SI-2.7 8P	IC402	0IMCRTI028C	TAS5122DCAR 56P/TSSOP
IC1200	0IMCRMP007A	PIC18F242T-I/SO 18P	IC404	0ICTMMI057A	M37151EFP 42P MICOM
IC1201	0IMCRMT003A	MM1108XFFE 8P	IC405	0IMCRAL006A	AT24C16AN-10SI-2.7 8P
IC1202	0IMO744053B	MC74HC4053DW 16SOP 3*2CH.MUX	IC406	0IKE704200J	KIA7042AF SOT-89 TP 4.2V
IC1203	0IPMGNS026A	LM311MX 8P	IC500	0IMMRSS041F	K4S641632H-UC60 54P
IC1204	0IMCRMP006A	PIC18F1220T-I/SO 28P	IC501	0IMMRSS041F	K4S641632H-UC60 54P
IC1301	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	IC502	0IMMRSS041F	K4S641632H-UC60 54P
IC1302	0IMCRTH002A	THC63LVD103 64P	IC503	0IMMRSS041F	K4S641632H-UC60 54P
IC1305	0ICTMLG018B	LGDP4411 IEP2 LG IC 176P	IC504	0MCRTI035A	TL592B-8DR 8P
IC1500	0IMCR02015A	SII3512ECTU128 128P/TQFP	IC504	0IMCRCY001A	CY2305SXC-1HT CYPRESS SOIC 8P
IC1502	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	IC505	0ICTMLG013A	LGDT1901A LG IC 24P
IC1700	0IMI623200B	M62320FP 16P	IC506	0IMCRFA004A	KA2904DTF 8SOP R/TP OP-AMP
IC1701	0IPRPNS054A	LM75CIMX-3 8P/SOP	IC508	0IMCRFA010A	KA7809R, 2P
IC1702	0IPMGKE032A	KIA78R09F KEC 5PIN DPAK R/TP 1A,9V	IC600	0IMCRFA013A	74LCX244MTC 20P
IC1703	0IPMGKE032A	KIA78R09F KEC 5PIN DPAK R/TP 1A,9V	IC601	0ICB533100A	CS5331A-KSR 8SOIC TP ADC -
IC1705	0IPMGKE032A	KIA78R09F KEC 5PIN DPAK R/TP 1A,9V	IC601	0IPRPNE008A	UPD64011BGM-8ED-A 160
IC1706	0IMCRSH001A	PQ05DZ1U SHARP 5	IC602	0ISS416162D	K4S161622H-UC80 50P
IC200	0IKE702900G	KIA7029AF SOT-89 TP 2.9V	IC602	0IMO330780B	MC33078D 8/SOIC +-18V OP AMP
IC200	0IMCRMN027D	MSP4440K MICRONAS 80P	IC603	0ITO741570C	TC74LCX157FT 16P
IC201	0ISTLPH026A	74LVC14APW PHILIPS 14PIN	IC603	0IPRPNE008A	UPD64011BGM-8ED-A NEC 160
IC201	0ILNR00015A	NSP-2100A,LF NEOFIDELITY TQFP 64P	IC604	0ICB841500B	CS8415A-CZR 28P
IC202	0IMCRFA013A	74LCX244MTC 20P	IC605	0IPMGKE032A	KIA78R09F KEC 5PIN
IC203	0IMCRXL004A	XC95288XL-10TQG144C 144P	IC606	0IPMGSG018C	LD1086DT15TR 2P
IC203	0IMCRSH001A	PQ05DZ1U SHARP 5	IC607	0IPRPFA015A	FMS6410CSX-NL(PB-FREE) SOIC 8P
IC204	0IMCRCY001A	CY2305SXC-1HT 8P	IC608	0IPRPFA015A	FMS6410CSX-NL(PB-FREE) SOIC 8P
IC204	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	IC800	0IPRPS5006A	SIL9021CTU(PB FREE) 144P
IC205	0IMCRCY002A	CY2309SXC-1HT 16P R/TP 3.3V	IC801	0IMCRAD002A	AD9883AKST-110 80P
IC205	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	IC802	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P
IC206	0IMCRFA010A	KA7809R, 2P	IC804	0IMMRAL014B	AT24C02N-10SI-2.7 8P
IC207	0IMCRSH001A	PQ05DZ1U SHARP 5	IC805	0IPRPFA016A	FMS6407MTC20X-NL(PB-FREE) 20P
IC208	0IMCRFA010A	KA7809R, 2P	IC808	0IMMRAL014B	AT24C02N-10SI-2.7 ATMEL 8P
IC209	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P R/TP 3.3V	IC809	0MCRSJ001A	SC1565IST-1.8 3P SOT223
IC300	0IMCRPH026B	PA9516APW PHILIPS 16P	IC900	0IMCRXL003B	XC95144XL-10TQG144C 144P
IC300	0IMCRSO025A	CXA2181Q SONY 48P	IC902	0IPRP00009A	ICL3232CBNZ 16P/SOP

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC903	0IMO744053B	MC74HC4053DW 16SOP 3*2CH.MUX
TRANSISTOR		
IC407	0TR830009BA	BSS83
IC408	0TR830009BA	BSS83
Q101	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q101	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q102	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q102	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q103	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q104	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q105	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q106	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q119	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q120	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1200	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1201	0TR390609DC	2N3906S-RTK SOT23
Q1204	0TR390609DC	2N3906S-RTK SOT23
Q1205	0TRKE80046A	2N3904S SOT23 60V 200MA
Q121	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q122	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q123	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q124	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q125	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q126	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q127	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q148	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q151	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q152	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q153	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q154	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q155	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q156	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q157	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q158	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q159	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q160	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q161	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q162	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q163	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q164	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q165	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q166	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q167	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q175	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q176	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q177	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q201	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q202	0TR150400BA	CHIP 2SA1504S(ASY) KEC

LOCA. NO	PART NO	DESCRIPTION
Q203	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q204	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q205	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q206	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q207	0TR102008AA	KRA102S SOT23 CHIP TR
Q208	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q209	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q301	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q302	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q303	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q305	0TRKE80038A	KTC3552T-RTK SOT-23F 50V 3A
Q503	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q504	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q601	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q602	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q603	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q604	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q6603	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q6604	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q6607	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q6608	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q6609	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q800	0TR102009AG	CHIP KRC102S SOT-23 NA NA
Q801	0TR102009AG	CHIP KRC102S SOT-23 NA NA
Q803	0TR830009BA	BSS83
Q804	0TR830009BA	BSS83
Q805	0TR830009BA	BSS83
Q806	0TR830009BA	BSS83
Q807	0TR830009BA	BSS83
Q808	0TR830009BA	BSS83
DIODE		
D1200	0DD184009AA	KDS184 TP KEC - 85V 300MA
D1201	0DD184009AA	KDS184 TP KEC - 85V 300MA
D1202	0DRSE00038A	SDC15 TVS SOT23 12.8V
D1203	0DRSE00038A	SDC15 TVS SOT23 12.8V
D1204	0DRSE00038A	SDC15 TVS SOT23 12.8V
D200	0DD184009AA	KDS184 TP KEC - 85V 300MA
D204	0DZRM00248A	ZENERS,RLZ8.2B-TE11
D301	0DD184009AA	KDS184 TP KEC - 85V 300MA
D505	0DD184009AA	KDS184 TP KEC - 85V 300MA
D506	0DD184009AA	KDS184 TP KEC - 85V 300MA
D800	0DD184009AA	KDS184 TP KEC - 85V 300MA
D801	0DD184009AA	KDS184 TP KEC - 85V 300MA
D900	0DRSE00038A	SDC15 TVS SOT23 12.8V
D901	0DRSE00038A	SDC15 TVS SOT23 12.8V
LD101	0DL200000CA	LED,SAM5670(DL-2LRG)
LED150	0DL233309AC	LED,SAM2333
LED170	0DL233309AC	LED,SAM2333

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
LED301	0DL233309AC	LED,SAM2333	C1218	0CE335SK6DC	3.3UF MVG 50V 20%
LED302	0DL233309AC	LED,SAM2333	C1219	0CC101CK41A	100PF 1608 50V 5%
LED901	0DL233309AC	LED,SAM2333	C1219	0CE476SF6DC	47UF MVG 16V 20%
CAPACITOR			C1220	0CC101CK41A	100PF 1608 50V 5%
C100	0CS335EFKDC	3.3UF 3216 16V 20%,-20%	C1221	0CC101CK41A	100PF 1608 50V 5%
C1003	0CE336SH6DC	33UF MVG 25V 20%	C1221	0CE476SF6DC	47UF MVG 16V 20%
C101	0CE225VK6DC	2.2UF MV 50V 20%	C1224	0CC101CK41A	100PF 1608 50V 5%
C1015	0CC200CK41A	20PF 1608 50V 5%	C1225	0CK220CK4DA	22PF 1608 50V 5%
C1018	0CC200CK41A	20PF 1608 50V 5%	C1226	0CK220CK4DA	22PF 1608 50V 5%
C102	0CK103CK56A	0.01UF 1608 50V 10%	C1227	0CC180CKH1A	18PF 1608 50V 5%
C103	0CE106VF6DC	10UF MV 16V 20%	C1228	0CK220CK4DA	22PF 1608 50V 5%
C103	0CE4763F618	47UF SRE 16V M FL TP5	C1229	0CC180CKH1A	18PF 1608 50V 5%
C104	0CE106VF6DC	10UF MV 16V 20%	C123	0CE106VF6DC	10UF MV 16V 20%
C104	0CE225VK6DC	2.2UF MV 50V 20%	C1230	0CC330CK41A	33PF 1608 50V 5%
C104	0CE106SF6DC	10UF MVG 16V 20%	C1231	0CC330CK41A	33PF 1608 50V 5%
C1041	0CE336SH6DC	33UF MVG 25V 20%	C1232	0CC330CK41A	33PF 1608 50V 5%
C1042	0CE336SH6DC	33UF MVG 25V 20%	C1242	0CE108DJ618	1000UF STD 35V 20%
C106	0CE106SF6DC	10UF MVG 16V 20%	C1255	0CE476SF6DC	47UF MVG 16V 20%
C108	0CE106SF6DC	10UF MVG 16V 20%	C1258	0CE108DJ618	1000UF STD 35V 20%
C1100	0CE106VF6DC	10UF MV 16V 20%	C126	0CE336SD6DC	33UF MVG 10V 20%
C1107	0CE106VF6DC	10UF MV 16V 20%	C1264	0CE476SF6DC	47UF MVG 16V 20%
C1115	0CE106VF6DC	10UF MV 16V 20%	C1266	0CE476SF6DC	47UF MVG 16V 20%
C1118	0CE106VF6DC	10UF MV 16V 20%	C1269	0CE107SF6DC	100UF MVG 16V 20%
C1121	0CC180CKH1A	18PF 1608 50V 5%	C1273	0CE476SF6DC	47UF MVG 16V 20%
C1122	0CC180CKH1A	18PF 1608 50V 5%	C1277	0CE477SF6DC	470UF MVG 16V 20%
C1124	0CE476SF6DC	47UF MVG 16V 20%	C1279	0CE107SF6DC	100UF MVG 16V 20%
C1125	0CE476SF6DC	47UF MVG 16V 20%	C1321	0CE476SF6DC	47UF MVG 16V 20%
C1127	0CC221CK41A	220PF 1608 50V 5%	C1322	0CE476SF6DC	47UF MVG 16V 20%
C1128	0CC221CK41A	220PF 1608 50V 5%	C1324	0CK103CK56A	0.01UF 1608 50V 10%
C113	0CE106VF6DC	10UF MV 16V 20%	C1325	0CE476SF6DC	47UF MVG 16V 20%
C114	0CE106VF6DC	10UF MV 16V 20%	C1327	0CE106VF6DC	10UF MV 16V 20%
C118	0CE105SK6DC	1UF MVG 50V 20%	C1331	0CK102CK56A	1000PF 1608 50V 0.1
C1200	0CE226SF6DC	22UF MVG 16V 20%	C1334	0CE106VF6DC	10UF MV 16V 20%
C1200	0CE475SK6DC	4.7UF MVG 50V 20%	C1335	0CK102CK56A	1000PF 1608 50V 0.1
C1201	0CE475SK6DC	4.7UF MVG 50V 20%	C1339	0CE106VF6DC	10UF MV 16V 20%
C1202	0CC200CK41A	20PF 1608 50V 5%	C1344	0CE476SF6DC	47UF MVG 16V 20%
C1203	0CK392CK56A	3900PF 1608 50V 10%	C1345	0CE476SF6DC	47UF MVG 16V 20%
C1203	0CE226SF6DC	22UF MVG 16V 20%	C144	0CE105SK6DC	1UF MVG 50V 20%
C1205	0CC200CK41A	20PF 1608 50V 5%	C148	0CE226SF6DC	22UF MVG 16V 20%
C1206	0CC561CK41A	560PF 1608 50V 5%	C149	0CE226SF6DC	22UF MVG 16V 20%
C1208	0CC561CK41A	560PF 1608 50V 5%	C150	0CE476SF6DC	47UF MVG 16V 20%
C1209	0CE475SK6DC	4.7UF MVG 50V 20%	C1513	0CE106VF6DC	10UF MV 16V 20%
C1210	0CC471CK41A	470PF 1608 50V 5%	C1515	0CC270CK41A	27PF 1608 50V 5%
C1211	0CK271CK46A	270PF 1608 50V 5%	C1516	0CC270CK41A	27PF 1608 50V 5%
C1213	0CE476SF6DC	47UF MVG 16V 20%	C1517	0CK103CK56A	0.01UF 1608 50V 10%
C1214	0CK105DF64A	1UF 2012 16V 20%	C1518	0CK103CK56A	0.01UF 1608 50V 10%
C1216	0CK102CK56A	1000PF 1608 50V 0.1	C1519	0CK103CK56A	0.01UF 1608 50V 10%
C1216	0CE476SF6DC	47UF MVG 16V 20%	C152	0CE107SF6DC	100UF MVG 16V 20%
			C1520	0CK103CK56A	0.01UF 1608 50V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C1529	0CE336SD6DC	33UF MVG 10V 20%	C233	0CE476SF6DC	47UF MVG 16V 20%
C1534	0CE226SF6DC	22UF MVG 16V 20%	C234	0CE107SF6DC	100UF MVG 16V 20%
C1537	0CE106VF6DC	10UF MV 16V 20%	C235	0CE476SF6DC	47UF MVG 16V 20%
C1539	0CK103CK56A	0.01UF 1608 50V 10%	C236	0CE476SF6DC	47UF MVG 16V 20%
C1540	0CK103CK56A	0.01UF 1608 50V 10%	C244	0CE477SF6DC	470UF MVG 16V 20%
C1541	0CK103CK56A	0.01UF 1608 50V 10%	C245	0CE477SF6DC	470UF MVG 16V 20%
C1542	0CK103CK56A	0.01UF 1608 50V 10%	C251	0CE476SF6DC	47UF MVG 16V 20%
C158	0CE105SK6DC	1UF MVG 50V 20%	C253	0CE476SF6DC	47UF MVG 16V 20%
C161	0CE105SK6DC	1UF MVG 50V 20%	C254	0CE476SF6DC	47UF MVG 16V 20%
C162	0CE225VK6DC	2.2UF MV 50V 20%	C255	0CE476SF6DC	47UF MVG 16V 20%
C163	0CE225VK6DC	2.2UF MV 50V 20%	C260	0CE476SF6DC	47UF MVG 16V 20%
C168	0CK105DF64A	1UF 2012 16V 20%	C266	0CE107SF6DC	100UF MVG 16V 20%
C1703	0CE477SF6DC	470UF MVG 16V 20%	C269	0CE107SF6DC	100UF MVG 16V 20%
C1704	0CE477SF6DC	470UF MVG 16V 20%	C274	0CE226SF6DC	22UF MVG 16V 20%
C1705	0CE477SF6DC	470UF MVG 16V 20%	C280	0CE335SK6DC	3.3UF MVG 50V 20%
C1706	0CE477SF6DC	470UF MVG 16V 20%	C295	0CE335SK6DC	3.3UF MVG 50V 20%
C1707	0CE477SF6DC	470UF MVG 16V 20%	C297	0CE107SF6DC	100UF MVG 16V 20%
C1708	0CE477SF6DC	470UF MVG 16V 20%	C298	0CE106SF6DC	10UF MVG 16V 20%
C171	0CK105DF64A	1UF 2012 16V 20%	C299	0CE106SF6DC	10UF MVG 16V 20%
C1712	0CE476SF6DC	47UF MVG 16V 20%	C309	0CE476SF6DC	47UF MVG 16V 20%
C1713	0CE476SF6DC	47UF MVG 16V 20%	C310	0CE476SF6DC	47UF MVG 16V 20%
C1718	0CE476SF6DC	47UF MVG 16V 20%	C319	0CE476SF6DC	47UF MVG 16V 20%
C1719	0CE476SF6DC	47UF MVG 16V 20%	C324	0CE106SF6DC	10UF MVG 16V 20%
C172	0CE106SK6DC	10UF MVG 50V 20%	C325	0CE476VK6DC	47UF MV 50V 20%
C1722	0CE477SF6DC	470UF MVG 16V 20%	C326	0CE476SF6DC	47UF MVG 16V 20%
C1728	0CE476VH6DC	47UF MV 25V 20%	C338	0CE476SF6DC	47UF MVG 16V 20%
C1729	0CE476SF6DC	47UF MVG 16V 20%	C343	0CE335SK6DC	3.3UF MVG 50V 20%
C1731	0CE477SF6DC	470UF MVG 16V 20%	C345	0CE225VK6DC	2.2UF MV 50V 20%
C1740	0CE476SF6DC	47UF MVG 16V 20%	C358	0CE476SF6DC	47UF MVG 16V 20%
C1742	0CE476SF6DC	47UF MVG 16V 20%	C360	0CE476SF6DC	47UF MVG 16V 20%
C175	0CE108DJ618	1000UF STD 35V 20%	C364	0CE106SF6DC	10UF MVG 16V 20%
C186	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI	C370	0CK105DF64A	1UF 2012 16V 20%
C190	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI	C375	0CE106SK6DC	10UF MVG 50V 20%
C202	0CE106VF6DC	10UF MV 16V 20%	C383	0CE476SF6DC	47UF MVG 16V 20%
C203	0CE106VF6DC	10UF MV 16V 20%	C400	0CE226SF6DC	22UF MVG 16V 20%
C205	0CE476SF6DC	47UF MVG 16V 20%	C403	0CE336SD6DC	33UF MVG 10V 20%
C207	0CE477DJ618	470UF STD 35V 20%	C408	0CE476SF6DC	47UF MVG 16V 20%
C212	0CE477SF6DC	470UF MVG 16V 20%	C412	0CE476SF6DC	47UF MVG 16V 20%
C213	0CE477SF6DC	470UF MVG 16V 20%	C415	0CE476SF6DC	47UF MVG 16V 20%
C214	0CE477SF6DC	470UF MVG 16V 20%	C419	0CK105DF64A	1UF 2012 16V 20%
C215	0CE477DJ618	470UF STD 35V 20%	C422	0CE476SF6DC	47UF MVG 16V 20%
C216	0CE477SF6DC	470UF MVG 16V 20%	C427	0CE476SF6DC	47UF MVG 16V 20%
C217	0CE477SF6DC	470UF MVG 16V 20%	C433	0CE106SF6DC	10UF MVG 16V 20%
C219	0CE226SF6DC	22UF MVG 16V 20%	C434	0CE106SF6DC	10UF MVG 16V 20%
C223	0CE477SF6DC	470UF MVG 16V 20%	C436	0CE106SF6DC	10UF MVG 16V 20%
C224	0CE107SF6DC	100UF MVG 16V 20%	C438	0CE106SF6DC	10UF MVG 16V 20%
C226	0CC100CK11A	10PF 1608 50V 0.5 PF	C439	0CE106SF6DC	10UF MVG 16V 20%
C227	0CC100CK11A	10PF 1608 50V 0.5 PF	C440	0CE106SF6DC	10UF MVG 16V 20%
C232	0CE476SF6DC	47UF MVG 16V 20%	C441	0CE106SF6DC	10UF MVG 16V 20%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C443	0CE106SF6DC	10UF MVG 16V 20%	C614	0CK103CK56A	0.01UF 1608 50V 10%
C444	0CE106SF6DC	10UF MVG 16V 20%	C616	0CE476SF6DC	47UF MVG 16V 20%
C445	0CE106SF6DC	10UF MVG 16V 20%	C618	0CE476SF6DC	47UF MVG 16V 20%
C446	0CE106SF6DC	10UF MVG 16V 20%	C619	0CK472CK56A	4700PF 1608 50V 10%
C448	0CE106SF6DC	10UF MVG 16V 20%	C620	0CE106VF6DC	10UF MV 16V 20%
C459	0CE106VF6DC	10UF MV 16V 20%	C621	0CK103CK56A	0.01UF 1608 50V 10%
C460	0CK103CK56A	0.01UF 1608 50V 10%	C624	0CK103CK56A	0.01UF 1608 50V 10%
C460	0CE107SF6DC	100UF MVG 16V 20%	C625	0CK103CK56A	0.01UF 1608 50V 10%
C461	0CK103CK56A	0.01UF 1608 50V 10%	C627	0CK103CK56A	0.01UF 1608 50V 10%
C462	0CK103CK56A	0.01UF 1608 50V 10%	C6605	0CE226SF6DC	22UF MVG 16V 20%
C463	0CK103CK56A	0.01UF 1608 50V 10%	C6608	0CE226SF6DC	22UF MVG 16V 20%
C468	0CE107SF6DC	100UF MVG 16V 20%	C6609	0CE106SF6DC	10UF MVG 16V 20%
C472	0CE105SK6DC	1UF MVG 50V 20%	C6609	0CE107SF6DC	100UF MVG 16V 20%
C477	0CE105SK6DC	1UF MVG 50V 20%	C6611	0CE226SF6DC	22UF MVG 16V 20%
C483	0CE107SF6DC	100UF MVG 16V 20%	C6613	0CE106SF6DC	10UF MVG 16V 20%
C486	0CE226SF6DC	22UF MVG 16V 20%	C6615	0CE226SF6DC	22UF MVG 16V 20%
C488	0CE226SF6DC	22UF MVG 16V 20%	C6617	0CE226SF6DC	22UF MVG 16V 20%
C490	0CE106SF6DC	10UF MVG 16V 20%	C6634	0CE106SF6DC	10UF MVG 16V 20%
C492	0CE105SK6DC	1UF MVG 50V 20%	C6634	0CE107SF6DC	100UF MVG 16V 20%
C504	0CE476VK6DC	47UF MV 50V 20%	C6660	0CE476SF6DC	47UF MVG 16V 20%
C508	0CE476SF6DC	47UF MVG 16V 20%	C6703	0CE476SF6DC	47UF MVG 16V 20%
C513	0CE226SF6DC	22UF MVG 16V 20%	C6706	0CE106SK6DC	10UF MVG 50V 20%
C519	0CE106SF6DC	10UF MVG 16V 20%	C6710	0CE106SK6DC	10UF MVG 50V 20%
C522	0CE226SF6DC	22UF MVG 16V 20%	C8001	0CK102CK56A	1000PF 1608 50V 0.1
C535	0CE226SF6DC	22UF MVG 16V 20%	C8002	0CK102CK56A	1000PF 1608 50V 0.1
C537	0CC100CK11A	10PF 1608 50V 0.5 PF	C8003	0CK102CK56A	1000PF 1608 50V 0.1
C537	0CE477SF6DC	470UF MVG 16V 20%	C8004	0CK102CK56A	1000PF 1608 50V 0.1
C538	0CE106VF6DC	10UF MV 16V 20%	C8005	0CE106VF6DC	10UF MV 16V 20%
C539	0CC270CK41A	27PF 1608 50V 5%	C8007	0CK103CK56A	0.01UF 1608 50V 10%
C539	0CE107SF6DC	100UF MVG 16V 20%	C8008	0CC180CKH1A	18PF 1608 50V 5%
C541	0CE226SF6DC	22UF MVG 16V 20%	C8009	0CC180CKH1A	18PF 1608 50V 5%
C554	0CE105SK6DC	1UF MVG 50V 20%	C8010	0CK102CK56A	1000PF 1608 50V 0.1
C600	0CK103CK56A	0.01UF 1608 50V 10%	C8013	0CK103CK56A	0.01UF 1608 50V 10%
C601	0CE226SF6DC	22UF MVG 16V 20%	C8014	0CK102CK56A	1000PF 1608 50V 0.1
C6015	0CE476SF6DC	47UF MVG 16V 20%	C8015	0CK102CK56A	1000PF 1608 50V 0.1
C6017	0CE106SF6DC	10UF MVG 16V 20%	C8016	0CK102CK56A	1000PF 1608 50V 0.1
C602	0CE226SF6DC	22UF MVG 16V 20%	C8017	0CK102CK56A	1000PF 1608 50V 0.1
C603	0CC470CK41A	47PF 1608 50V 5%	C8018	0CK102CK56A	1000PF 1608 50V 0.1
C6034	0CE226SF6DC	22UF MVG 16V 20%	C8019	0CK102CK56A	1000PF 1608 50V 0.1
C6036	0CE226SF6DC	22UF MVG 16V 20%	C8024	0CE106VF6DC	10UF MV 16V 20%
C6038	0CE226SF6DC	22UF MVG 16V 20%	C8025	0CE106VF6DC	10UF MV 16V 20%
C6040	0CE226SF6DC	22UF MVG 16V 20%	C8026	0CK102CK56A	1000PF 1608 50V 0.1
C6049	0CE226SF6DC	22UF MVG 16V 20%	C8028	0CK102CK56A	1000PF 1608 50V 0.1
C605	0CE107VF6DC	100UF MV 16V 20%	C8029	0CK103CK56A	0.01UF 1608 50V 10%
C6054	0CE106SF6DC	10UF MVG 16V 20%	C803	0CE106VF6DC	10UF MV 16V 20%
C610	0CE107VF6DC	100UF MV 16V 20%	C8030	0CK103CK56A	0.01UF 1608 50V 10%
C611	0CC470CK41A	47PF 1608 50V 5%	C8031	0CE106VF6DC	10UF MV 16V 20%
C612	0CE226SF6DC	22UF MVG 16V 20%	C8034	0CE106VF6DC	10UF MV 16V 20%
C613	0CE226SF6DC	22UF MVG 16V 20%	C8036	0CK102CK56A	1000PF 1608 50V 0.1

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
C8037	0CK102CK56A	1000PF 1608 50V 0.1
C8038	0CK102CK56A	1000PF 1608 50V 0.1
C8040	0CK102CK56A	1000PF 1608 50V 0.1
C8041	0CK102CK56A	1000PF 1608 50V 0.1
C8042	0CK102CK56A	1000PF 1608 50V 0.1
C8047	0CE106VF6DC	10UF MV 16V 20%
C8052	0CK102CK56A	1000PF 1608 50V 0.1
C8053	0CK102CK56A	1000PF 1608 50V 0.1
C8054	0CK102CK56A	1000PF 1608 50V 0.1
C8055	0CK102CK56A	1000PF 1608 50V 0.1
C8056	0CK102CK56A	1000PF 1608 50V 0.1
C8057	0CK102CK56A	1000PF 1608 50V 0.1
C8058	0CK102CK56A	1000PF 1608 50V 0.1
C8059	0CK102CK56A	1000PF 1608 50V 0.1
C806	0CK102CK56A	1000PF 1608 50V 0.1
C8060	0CK102CK56A	1000PF 1608 50V 0.1
C8061	0CK102CK56A	1000PF 1608 50V 0.1
C8062	0CE106VF6DC	10UF MV 16V 20%
C8063	0CK103CK56A	0.01UF 1608 50V 10%
C8064	0CK103CK56A	0.01UF 1608 50V 10%
C8068	0CE106VF6DC	10UF MV 16V 20%
C8070	0CE226SF6DC	22UF MVG 16V 20%
C8073	0CE336SD6DC	33UF MVG 10V 20%
C8075	0CE226SF6DC	22UF MVG 16V 20%
C814	0CE106VF6DC	10UF MV 16V 20%
C815	0CE106VF6DC	10UF MV 16V 20%
C818	0CK473CH56A	0.047UF 1608 25V 10%
C819	0CK473CH56A	0.047UF 1608 25V 10%
C820	0CK473CH56A	0.047UF 1608 25V 10%
C822	0CC221CK41A	220PF 1608 50V 5%
C824	0CE226SF6DC	22UF MVG 16V 20%
C825	0CE226SF6DC	22UF MVG 16V 20%
C843	0CK823CF56A	82NF 1608 16V 10%
C849	0CK822CK46A	8.2NF 1608 50V 5%
C863	0CC470CK41A	47PF 1608 50V 5%
C874	0CE226SF6DC	22UF MVG 16V 20%
C883	0CE226SF6DC	22UF MVG 16V 20%
C885	0CE106VF6DC	10UF MV 16V 20%
C889	0CE106VF6DC	10UF MV 16V 20%
C892	0CE106VF6DC	10UF MV 16V 20%
C893	0CE106VF6DC	10UF MV 16V 20%
C898	0CK102CK56A	1000PF 1608 50V 0.1
C899	0CK102CK56A	1000PF 1608 50V 0.1
C920	0CC221CK41A	220PF 1608 50V 5%
C921	0CC221CK41A	220PF 1608 50V 5%
C923	0CC331CK41A	330PF 1608 50V 5%
C925	0CK334CF56A	0.33UF 1608 16V 10%
C926	0CK334CF56A	0.33UF 1608 16V 10%
C927	0CK334CF56A	0.33UF 1608 16V 10%

LOCA. NO	PART NO	DESCRIPTION
C928	0CK334CF56A	0.33UF 1608 16V 10%
C929	0CK473CH56A	0.047UF 1608 25V 10%
CONNECTOR		
C10	6631V00045D	CONNECTOR ASSEMBLY,10P 2.5MM 250MM
C11	6631V10004A	CONNECTOR ASSEMBLY,31P 1.0MM 80MM
C12	6631V10004Z	CONNECTOR ASSEMBLY,31P 1.0MM 50MM
C13	6631V25032A	CONNECTOR ASSEMBLY,3P 2.5MM 100MM
C14	6631V25083E	CONNECTOR ASSEMBLY,7P 2.5MM 300MM
C15	6631V25084C	CONNECTOR ASSEMBLY,12P 2.5MM 200MM
C16	6630CE00168	CONNECTOR,CARD BUS 68P 1.0MM
C17	387-G03M	CONNECTOR ASSEMBLY,3P 2.5MM 800MM
C18	6631V25061D	CONNECTOR ASSEMBLY,8P 2.5MM 250MM
C19	6631V39013Z	CONNECTOR ASSEMBLY,8P 3.96MM 650MM
C20	6631V39018B	CONNECTOR ASSEMBLY,9P 3.96MM 300MM
C5	6631V00020J	CONNECTOR ASSEMBLY,3P 3.96MM 400MM
C6	387-G04Q	CONNECTOR ASSEMBLY,4P 2.5MM 1200MM
C7	387-J06R	CONNECTOR ASSEMBLY,6P 2.5MM 1400MM
C8	387-J08Q	CONNECTOR ASSEMBLY,8P 2.5MM 1200MM
C9	387-J12K	CONNECTOR ASSEMBLY,12P 2.5MM 600MM
CN1101	6630SD01709	CONNECTOR,USB 4P 0.8MM
CN1102	6630SD01709	CONNECTOR,USB 4P 0.8MM
CN1501	6630U60039A	CONNECTOR,TERMINAL 7P 1.27MM
CN900	6630G70017A	CONNECTOR,D-SUB 9P 2.54MM
JK300	6630G70016A	CONNECTOR,D-SUB 15P 2.29MM
JACK		
ANT1	6612J00042G	JACK,RCA UCT-EX-063
ANT2	6612J00042G	JACK,RCA UCT-EX-063
CN1202	6612F00055B	JACK,PHONE UEJ-CV-031
CN800	6612B00015B	JACK,DIN DC1R019WDH JAE 0.5MM
CN801	6612B00015B	JACK,DIN DC1R019WDH JAE 0.5MM
JK101	6613V00026A	JACK ASSEMBLY,UJB-03-28A
JK402	6612F00087A	JACK,PHONE UEJ-CV-032
JK407	6612J00040B	JACK,RCA UJB-06-23B
JK408	6612J10012A	JACK,RCA UJB-05-02C
JK409	6612J10012A	JACK,RCA UJB-05-02C
JK410	6612F00087A	JACK,PHONE UEJ-CV-032
JOPT101	6612BBBHN4A	JACK,DIN TOTX179
JOPT102	6612BBBHN4B	JACK,DIN TORX179
JOPT103	6612BBBHN4B	JACK,DIN TORX179
COIL		
F1100	6140VB0021A	COIL,CHOKE 944CM-0004=P3
F1101	6140VB0021A	COIL,CHOKE 944CM-0004=P3
L130	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L131	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L132	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L133	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
L1700	6140VB0004B	COIL,CHOKE 26UH
L1701	6140VB0004B	COIL,CHOKE 26UH
L201	6140VB0004B	COIL,CHOKE 26UH
L202	6140VB0004B	COIL,CHOKE 26UH
L203	6140VB0004B	COIL,CHOKE 26UH
L204	6140VB0004B	COIL,CHOKE 26UH
RESISTOR		
AR110	0RRZVTA001C	4.7K OHM 1 / 16 W 1608 5%
AR111	0RRZVTA001C	4.7K OHM 1 / 16 W 1608 5%
AR1301	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1302	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1303	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1304	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1305	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1306	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1307	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1308	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1309	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1310	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1311	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1312	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1313	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR6601	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR6602	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR6603	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR6604	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR6605	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR6606	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR800	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR801	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR802	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR803	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR804	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR805	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R1716	ORD0682H609	68 OHM 1/2 W 5.00% TA52
R1754	ORD0332H609	33 OHM 1/2 W 5.00% TA52
R675	ORN1002F409	10K OHM 1/6 W 1.00% TA52
SWITCH		
CN201	140-313A	SWITCH,TACT 2LEAD 100G(TA) 5V
SW101	140-315A	SWITCH,TACT SKHV17910B 12V
SW102	140-315A	SWITCH,TACT SKHV17910B 12V
SW103	140-315A	SWITCH,TACT SKHV17910B 12V
SW104	140-315A	SWITCH,TACT SKHV17910B 12V
SW105	140-315A	SWITCH,TACT SKHV17910B 12V
SW106	140-315A	SWITCH,TACT SKHV17910B 12V
SW107	140-315A	SWITCH,TACT SKHV17910B 12V
SW108	140-315A	SWITCH,TACT SKHV17910B 12V

LOCA. NO	PART NO	DESCRIPTION
FILTER & CRYSTAL		
B1000	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1007	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1100	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1101	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1102	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1103	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1104	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B116	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1200	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1201	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1302	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1305	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1306	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1308	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1309	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1310	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1311	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1312	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1313	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1500	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1501	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1700	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B1701	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B200	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B400	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B401	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B403	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B502	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B503	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B800	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B801	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B802	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B803	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B804	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B805	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B806	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B807	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B808	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B810	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
B901	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2 5A
F1200	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F1700	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F1701	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F1702	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F1703	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F1704	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F1705	6200QJ3001A	FILTER,EMC BMS400 25V 200MA

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
F1706	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L208	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1707	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L209	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1708	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L210	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1709	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L211	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1710	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L212	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1711	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L213	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1712	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L214	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1713	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L215	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1714	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L220	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1715	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L227	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1716	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L228	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1717	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L229	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1718	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L230	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1719	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L231	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1720	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L232	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1721	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L234	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1722	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L235	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1725	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L302	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1726	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L312	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1727	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L320	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F1728	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L321	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F700	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L421	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F701	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L510	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F702	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L511	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F703	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6602	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F704	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6603	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F705	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6604	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F706	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6605	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F710	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6607	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F711	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6608	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F714	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6609	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F715	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6610	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F716	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6611	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F717	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	L6615	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F718	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	X1000	6212AC2001D	RESONATOR,CRYSTAL HC-49/SM 14MHZ
F719	6200QJ3001A	FILTER,EMC BMS400 25V 200MA	X103	6212BA2002C	RESONATOR,CERAMIC CSALA2M69G4ZF01-B0
IC502	6200QL3002E	FILTER,SAW X9650M 44MHZ 5PIN	X104	6212AB2015A	RESONATOR,CRYSTAL HC-49/SM4H 4MHZ
L101	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1101	6212AB2806A	RESONATOR,CRYSTAL SX-1 24.576MHZ
L102	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1200	6212AB2015E	RESONATOR,CRYSTAL HC-49/SM 10.0MHZ
L112	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1202	6212AB2015A	RESONATOR,CRYSTAL HC-49/SM4H 4MHZ
L115	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1500	6212AB2015C	RESONATOR,CRYSTAL HC-49/SM4H 25MHZ
L116	6210VC0005A	FILTER,EMC BK2125 HS 750	X200	6202VDT002H	RESONATOR,CRYSTAL SX-1 18.432000MHZ
L117	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X401	6202VDT002D	RESONATOR,CRYSTAL SX-1SMD 8.0MHZ
L118	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X6601	6212AB2806A	RESONATOR,CRYSTAL SX-1 24.576MHZ
L119	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X6602	6212AB2806A	RESONATOR,CRYSTAL SX-1 24.576MHZ
L200	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X801	6212AB2845A	RESONATOR,CRYSTAL ABL5-27.000MHZ
L205	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	MISCELLANEOUS		
L206	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	C1	6850J00005A	CABLE,DVI LVDS UL20276 AWG30 500MM
L207	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C2	6851V00022B	CABLE,COAXIAL(100MM),UL1365#26 VW-1			
C3	6851V00022C	CABLE,COAXIAL(150MM),UL1365#26 VW-1			
C4	6850U00002B	CABLE,USB SERIAL ATA UL2725 AWG26 800MM			
J1	6871VSMQ67A	PCB ASSEMBLY,SUB AUDIO			
SW301	6634D00010B	ADAPTER,RF TASA-H301P 75 OHM			
TU301	6700AN0002C	TUNER,TDVS-H702P			
TU302	6700NF0019B	TUNER,TAFM-H103P			
TU500	6700NC0001B	TUNER,TAEU-H018P			
VA1100	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VA1101	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VA1102	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VA1103	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VA1104	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VA1105	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VA1106	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VA1107	6102W5V016A	VARISTOR,AVRL161A1R1NT			
VX500	6204B60001B	OSCILLATOR,27MHZ +/- 100 PPM 3.3V			
X1100	6204B47985M	OSCILLATOR,SCO-103 13.5MHZ			
X200	6204B47985L	OSCILLATOR,SCO-103 33.33HZ			
X302	6204B47985K	OSCILLATOR,BMS-873R 25MHZ			
IC305	6927V1291AF	SOFT WARE,3.08.1V 491E0FA1 PDP AF05FB			
IC306	6927V1292AF	SOFT WARE,3.08.1V 416ECC54 PDP AF05FB			
IC307	6927V1288AA	SOFT WARE,3.00V 288559F6 PDP AF05FB			
IC308	6927V1289AA	SOFT WARE,3.00V 2884B650 PDP AF05FB			
IC404	6927V1211AQ	SOFT WARE,3.02V 602D PDP AF05FA			
ACCESSORIES					
A1	3828VA0528B	MANUAL,OWNERS			
"	3828VA0528J	MANUAL,OWNERS *LGECI			
A2	6710V00141B	REMOTE CONTROLLER			
A3	6410VUH005C	POWER CORD,BP-301 2800MM V1625			
A4	6850TD9007E	CABLE,D-SUB UL20276-9C(5.8MM)			
A5	6851V00019A	CABLE ASSEMBLY,RF CONN 4AC208A0 3M			
A6	6851V00023B	CABLE ASSEMBLY,BIZL NK XX15563-88A 3000MM			
A7	4972V00178A	FIXER,WALL NON ASSY PDP SET			

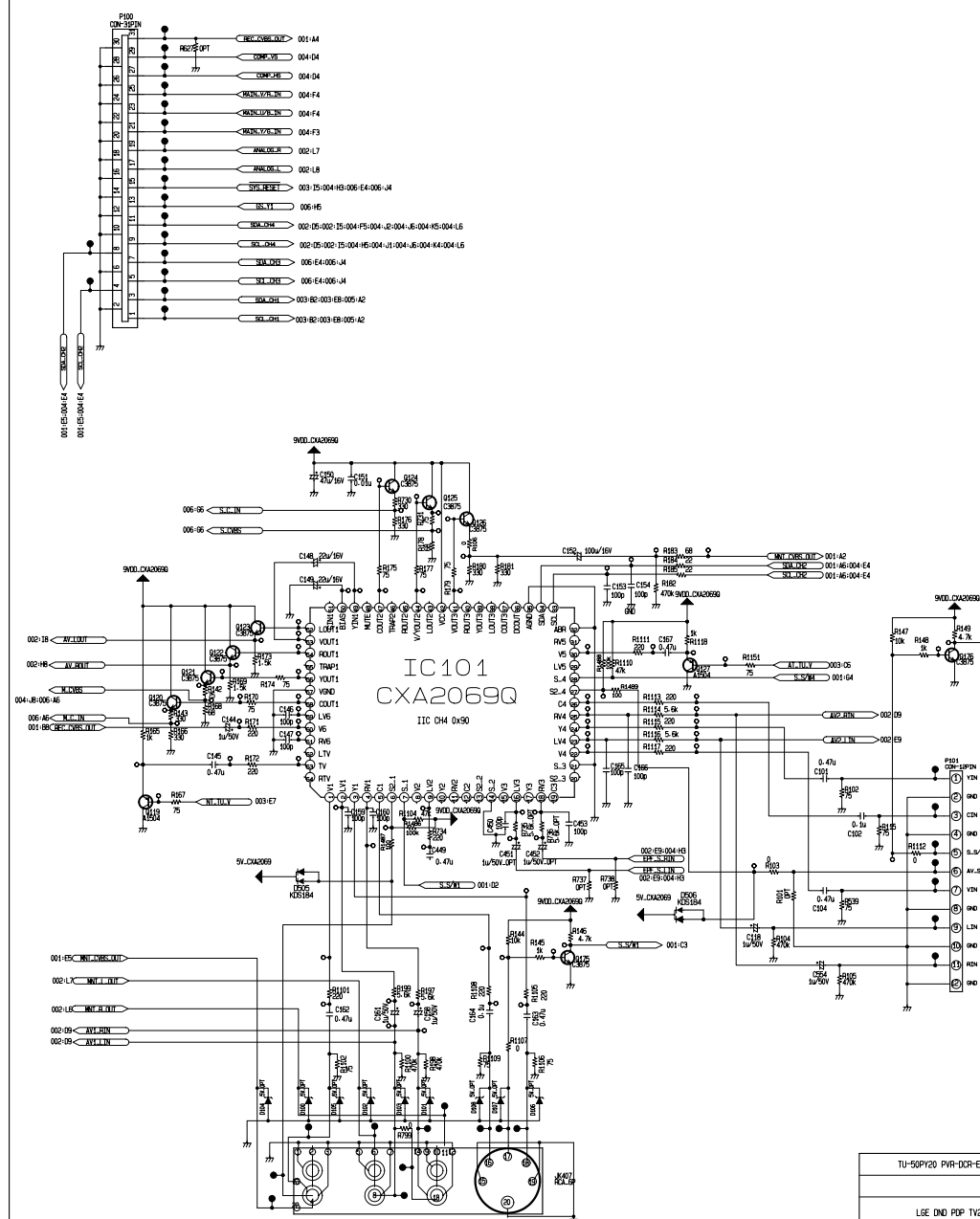


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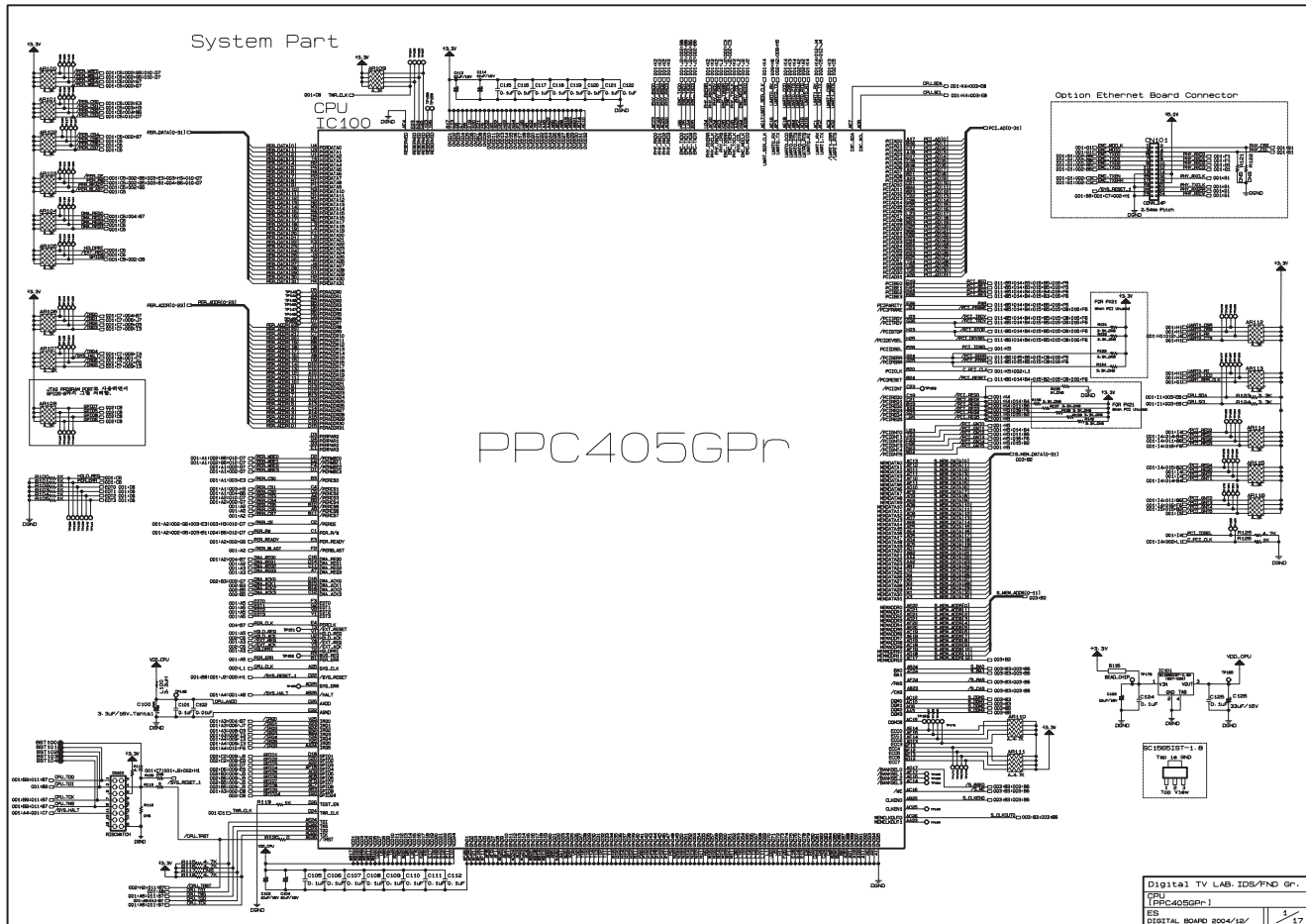
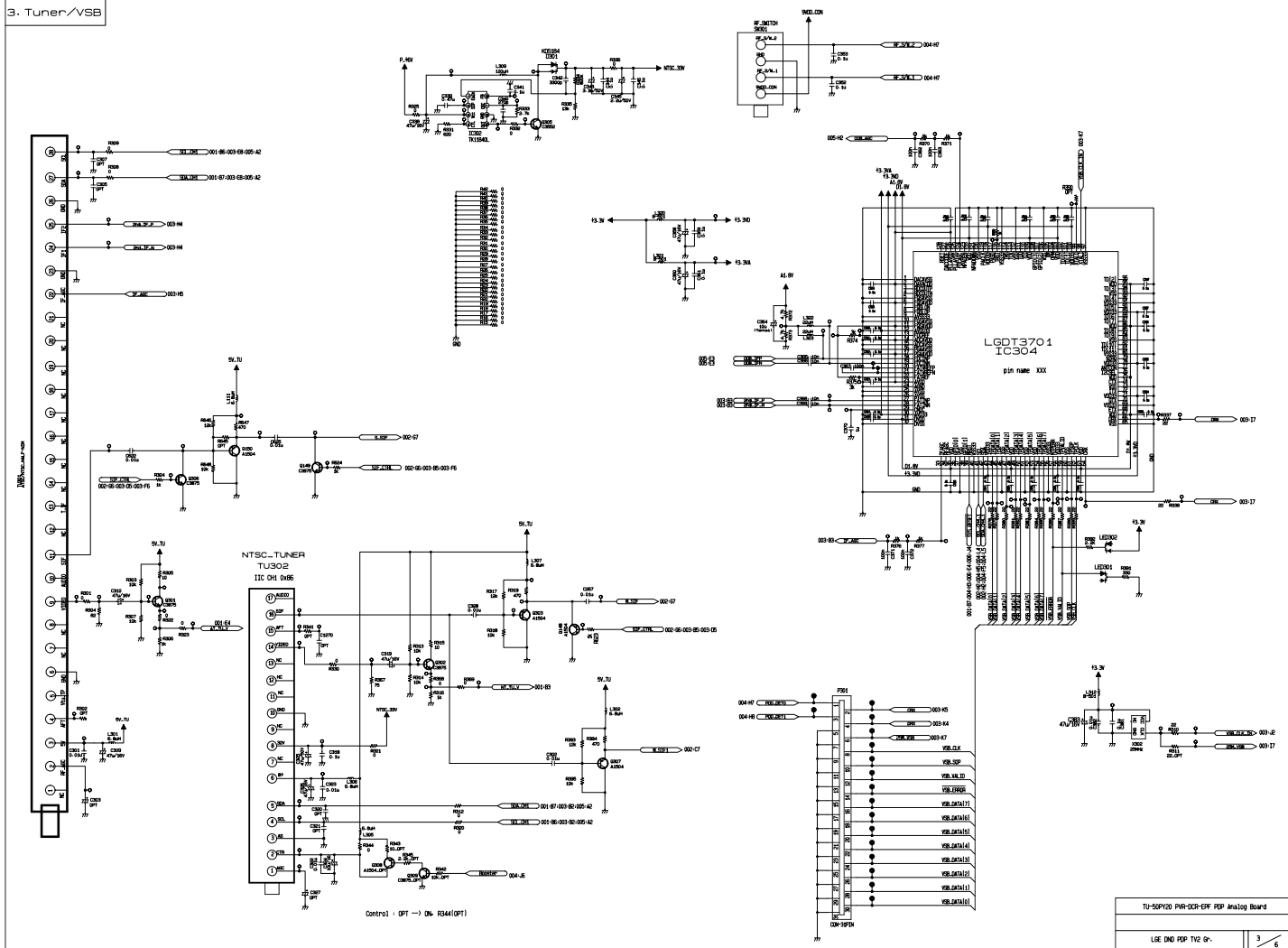
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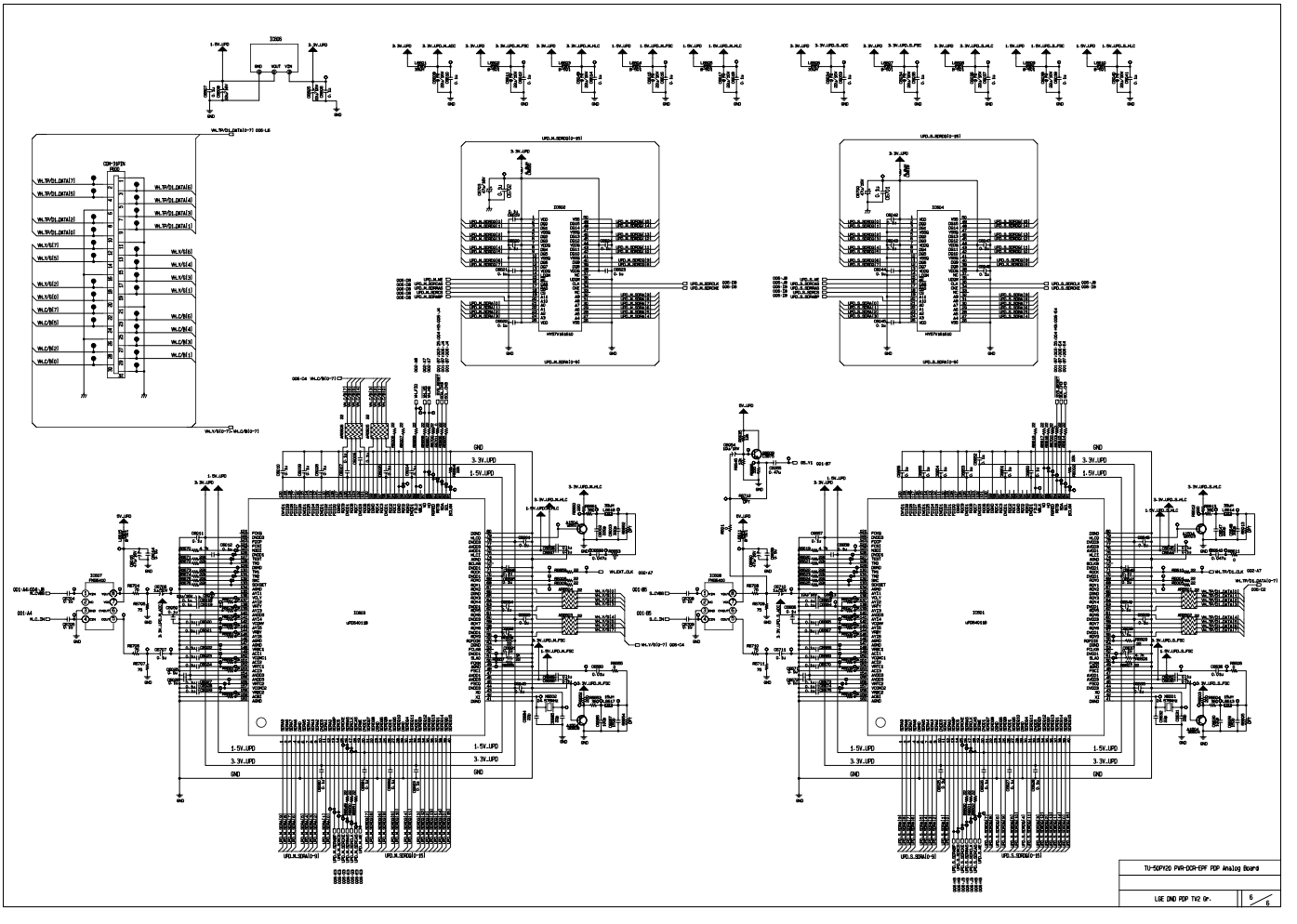
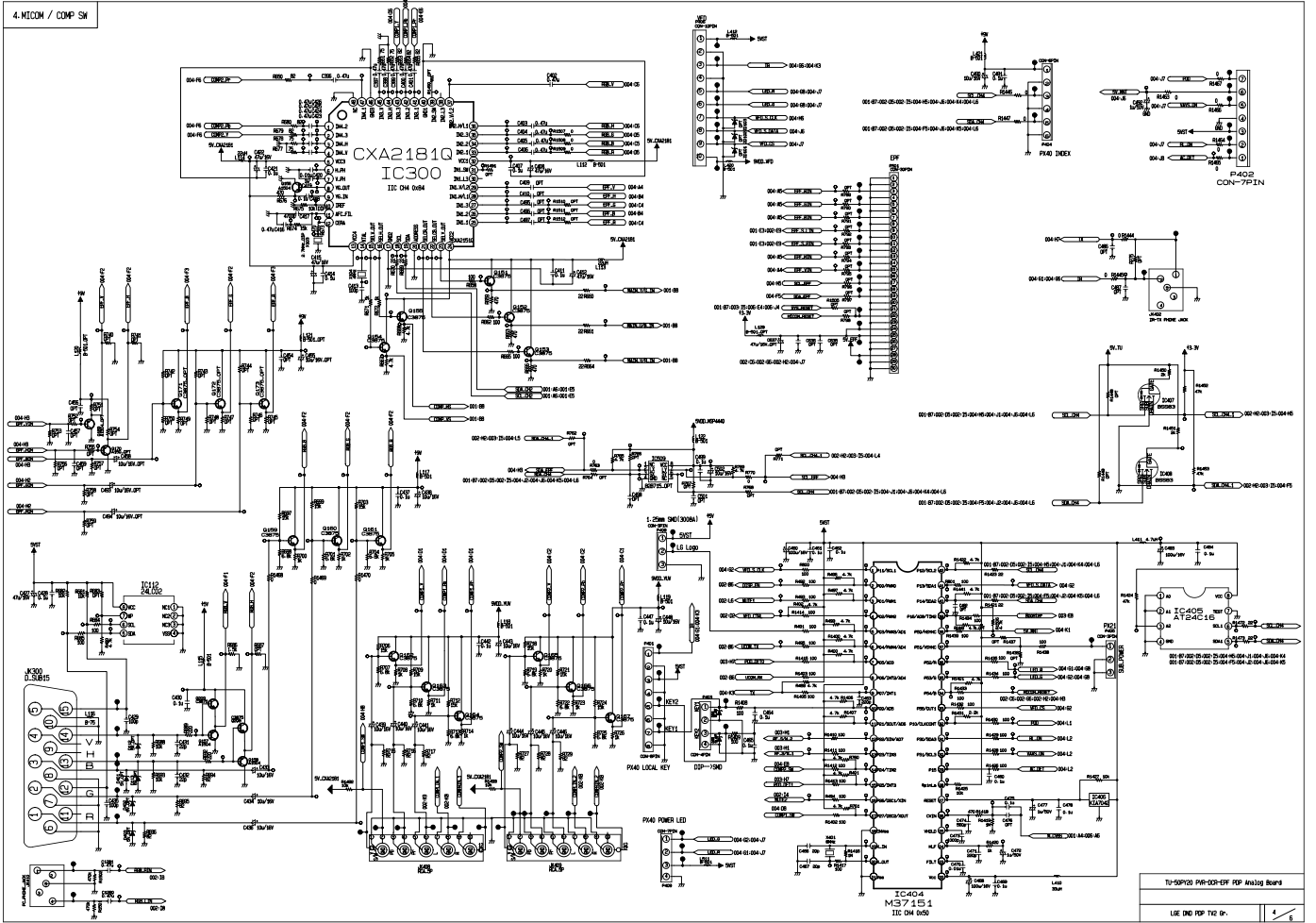
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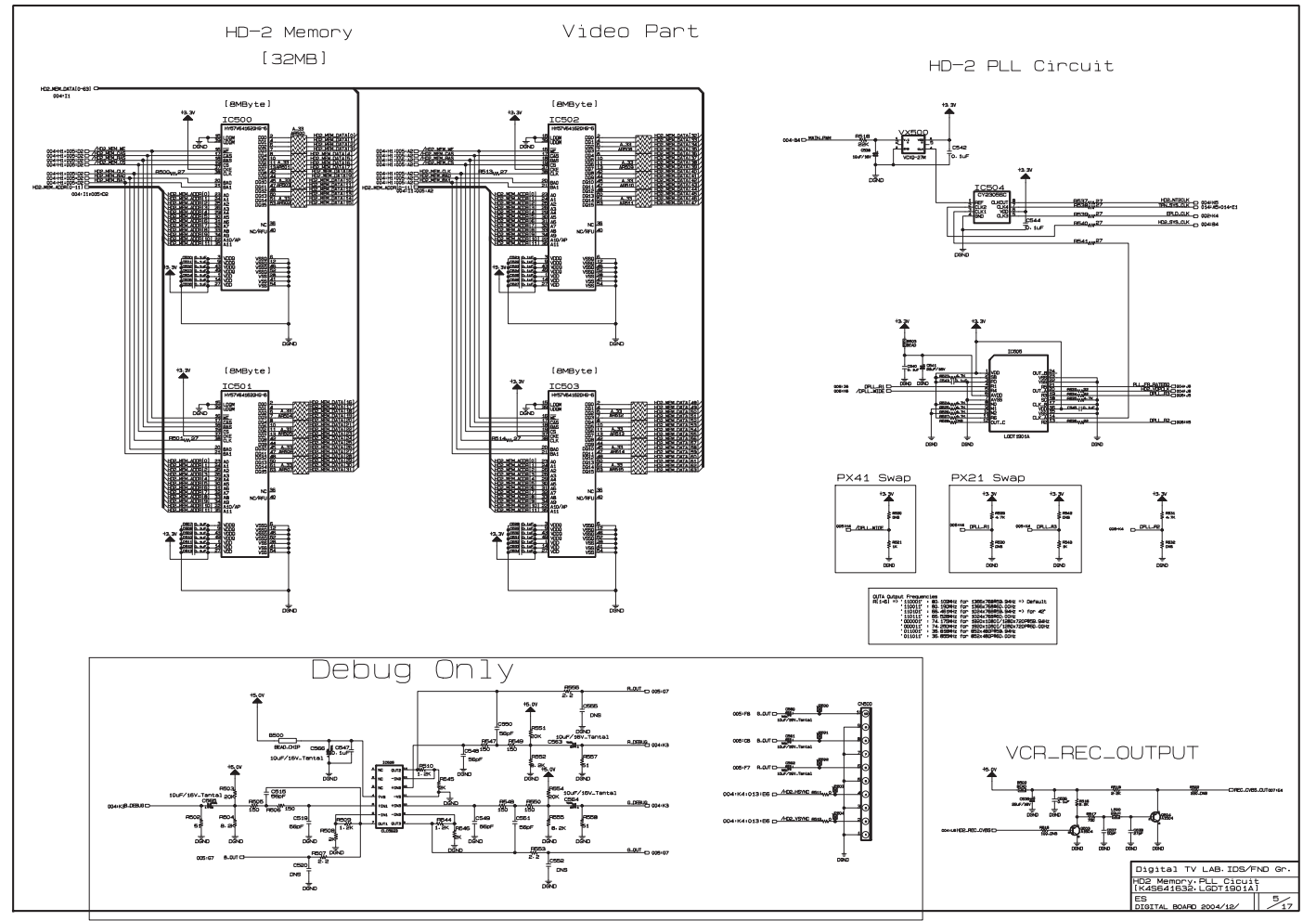
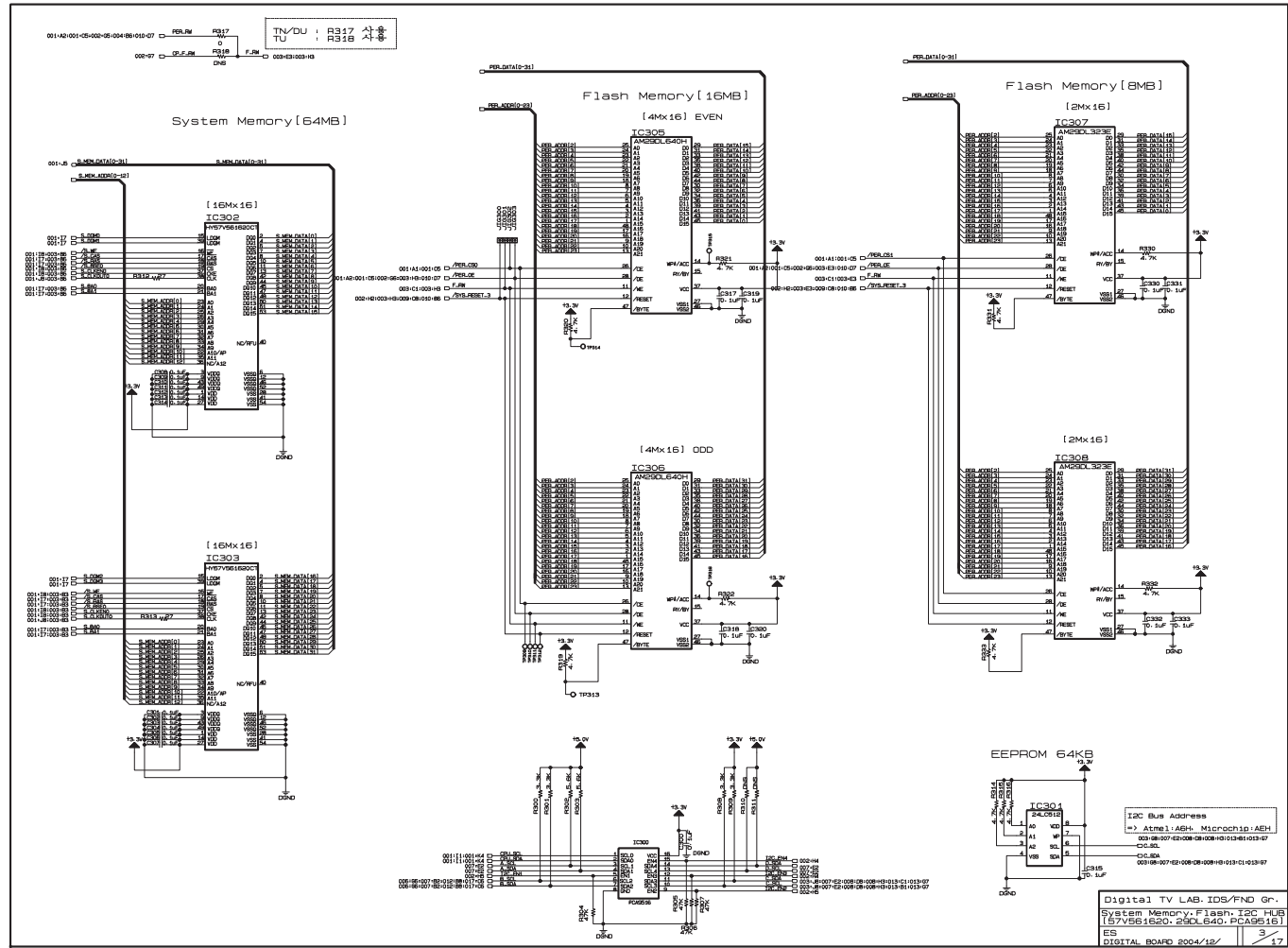
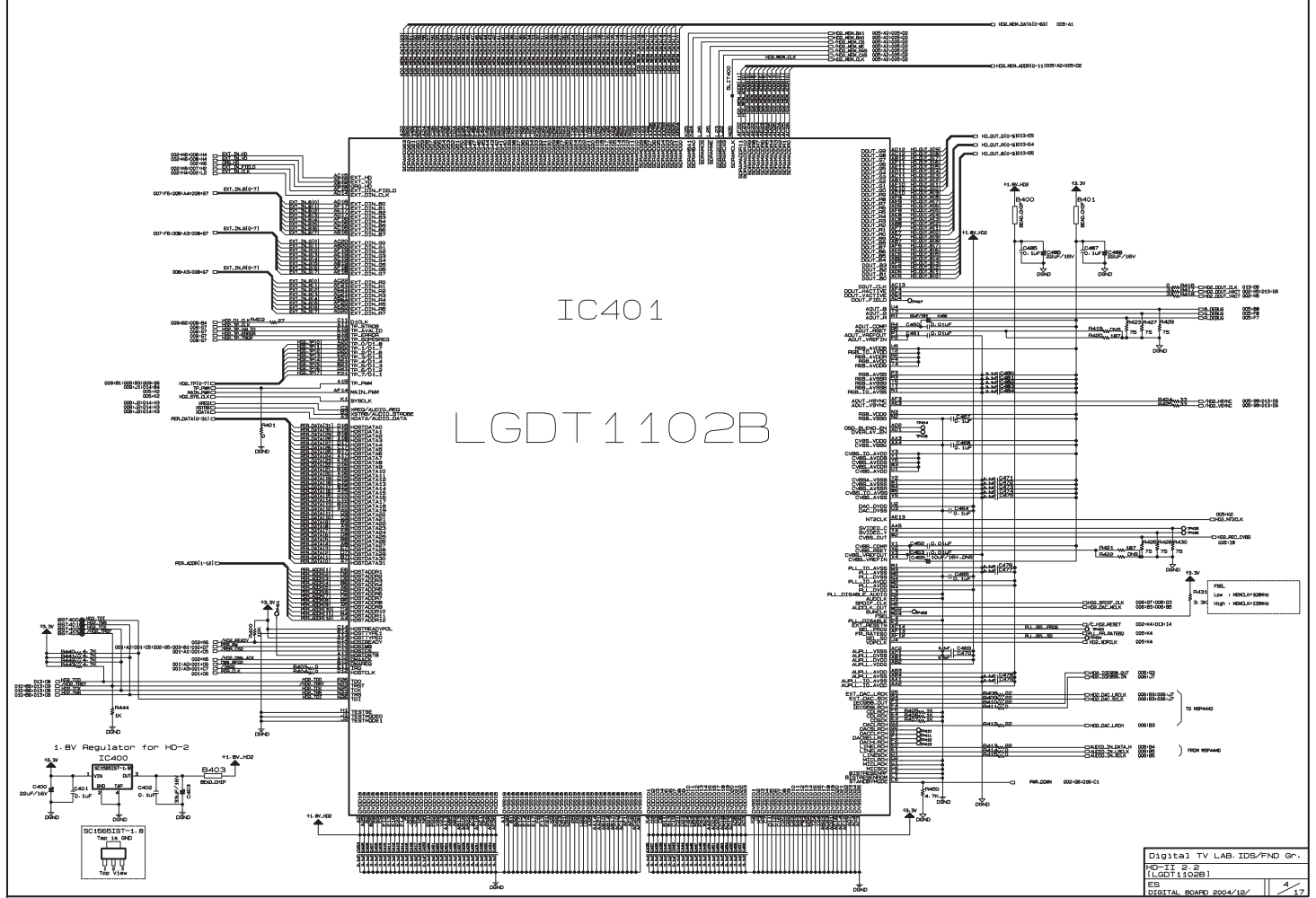
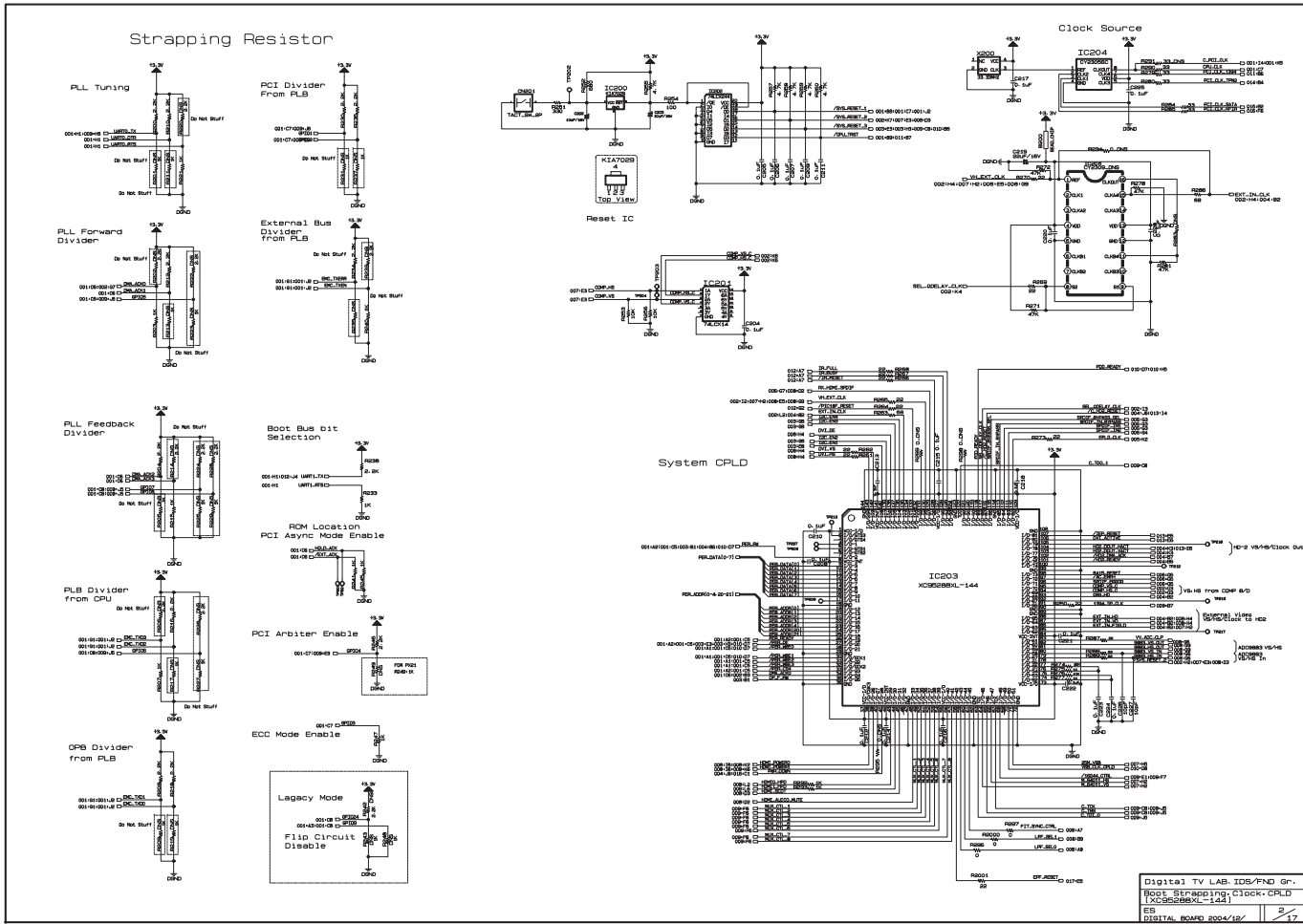


3. Tuner/VSB



4. KICOM / COMP 5M





Audio Part

