

SET TOP BOX
V26S CHASSIS

MODEL
HD-6000



CAUTION:

Before servicing this chassis, it is important that the service person read the "SAFETY PRECAUTIONS" and "PRODUCT SAFETY NOTICE" contained in this manual.

SPECIFICATIONS

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> • Power Input : AC 120V, 60Hz • Power Usage : 82W • Frequency Range : VHF 54 ~ 470MHz
UHF 470 ~ 806MHz
Analog Cable - 1 ~ 125
Digital Cable - 1 ~ 135 • Antenna Input : 2 RF 75Ω unbalanced • Tuning : 1 NTSC/ATSC/QAM
1 CableCARD™ Slot
1 NTSC for PIP • Cabinet Dimensions : 17"(W) x 3.4"(H) x 16.8"(D) • Weight : 27 lbs • PVR : 120 GB Hard Disc
Approx. 12 hrs HD Recording
72 hrs SD Recording • Analog Input Levels : VIDEO IN JACK (RCA Type)
1.0Vp-p 75Ω unbalanced
: AUDIO IN JACK (RCA Type)
-4.7dBm 43kΩ unbalanced | <ul style="list-style-type: none"> • Output Level : S-VIDEO IN JACK
(Y/C separate type)
Y: 1.0 Vp-p C: 0.286Vp-p (BURST)
75Ω unbalanced
: COMP / Y, Cr, Cb (RCA Type)
Y: 1.0 Vp-p Cr, Cb: 700mVp-p
: ATV / Y(G), Pr(R), Pb(B), H, V
Y: 1.0Vp-p with sync 75Ω (BNC)
Pr, Pb: 700mV 75Ω
H, V: 3.0Vp-p 75Ω
: VGA / R,G,B,V,H (15 pin D)
: VIDEO OUT JACK (RCA Type)
1.0Vp-p 75Ω unbalanced
: COMP / Y,Cr,Cb
Y: 1.0 Vp-p Cr, Cb: 700mVp-p
: AUDIO OUT JACK (RCA Type)
-4.7dBm 4.7kΩ unbalanced • Digital Interface : IEEE-1394 I/O Jacks
: AC-3 Digital Audio Output
: HDMI™ Input/Output
: MonitorLink™ Control/RS-232C
: CableCARD™ Slot
: NetCommand® | <ul style="list-style-type: none"> • Design specifications are subject to change without notice. |
|---|---|--|

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CONTENTS

INTRODUCTION 5

PRODUCT SAFETY NOTICE 5

SAFETY PRECAUTIONS 6

PWB-LOCATIONS 7

DISASSEMBLY 7

 Disassembly Procedures Sequence 7

 Top Cover removal 8

 HDD (Hard Drive) removal 9

 PWB'S removal 10

ELECTRICAL ADJUSTMENTS 11

 Equipment 11

 Option Menu / Initialization Defaults / AV Defaults 12

 LED Diagnostics 13

 Remote Control Operational Mode 13

 Circuit Adjustment Mode 14

 Transferring data 15

 Adjustment Items List 15

 Adjustment Procedures 16

 Test Points 16

 Main-Y Gain 16

 Sub-Y Gain 17

 Sub Picture Offset 17

CHIP PARTS REPLACEMENT 18

REPLACEMENT PARTS 19

 Parts Ordering 19

 Critical and Warranty Parts Designation 19

 Parts Tolerance Codes 19

SERVICE PARTS LIST 20

CIRCUITRY BLOCK DIAGRAMS 29

 Standby Power Supplies 29

 PWB-DM Power Supplies 30

 PWB-SIGNAL Switched Power Supplies 30

 Video Select Circuitry 31

 Video Output Circuitry 32

 Sync Signal Selection 33

 Sync Signal Output Path 34

 Record Signal Path 34

 Sound Signal Path 35

 Control Circuitry 36

 Command Input Circuitry 37

 Macrovision Detection 37

 PWB-DM Signal Path 38

Part 2
Schematic Diagrams

<u>CONTENTS</u>	<u>Page</u>
SCHEMATIC DIAGRAMS	
Overall PWB Interconnect Diagram	1
POWER / E2P / CONTROL / MV Decoder]	2
TERMINAL-1 / TERMINAL-2 [Inputs / Outputs]	3
SIGNAL-1 [Video Switch]	4
SIGNAL-2 [Decoder / Switch]	5
SIGNALS-3 [Micro}	6
SIGNAL-4 [TVGO]	7
SIGNAL-5 [MPEG Encoder]	8
SIGNAL-6 [HDMI RX]	9
SIGNAL-7 [HDMI TX]	10
SIGNAL-8 [Video Output]	11
SIGNAL-9 [IR232]	12
TUNER-1 [ATSC / NTSC Tuner]	13
TUNER-2 [Main ATSC / NTSC Demodulators]	14
PWB LAYOUT DIAGRAMS	15

INTRODUCTION

This service manual provides service instructions for STB model HD-6000 which uses the V26S chassis. Service personnel should read this manual thoroughly before servicing these chassis.

This service manual includes:

1. Safety Precautions
2. Assembly and disassembly instructions.
3. Servicing printed circuit boards (PCBs).
4. Electrical adjustments.
5. Chip parts replacement procedures.
6. Circuit path diagrams.

The parts list section of this service manual includes:

1. Cabinet and screen parts.
2. Electrical parts.

Schematic and block diagrams of the above listed models are included in this service manual for better understanding of the circuitry. PCB drawings are also included for easy location of parts and test points.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in television receivers have special safety related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have special safety characteristics are identified in this service manual.

Electrical components having such features are identified by shading on the schematic diagrams and by **bold type** in the parts list of this service manual. and by marking on the supplementary sheet for this chassis to be issued subsequently. **The replacement for any safety part should be identical in value and characteristics.**

SAFETY PRECAUTIONS

NOTICE: Observe all cautions and safety related notes located inside the receiver cabinet and on the receiver chassis.

WARNING:

1. Operation of this receiver outside the cabinet or with the cover removed presents a shock hazard from the receiver's power supplies. Work on the receiver should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment.
2. When service is required, observe the original lead dress. Extra precaution should be taken to assure correct lead dress in the high voltage area. Where a short-circuit has occurred, replace those components that indicate evidence of overheating.

Leakage current check

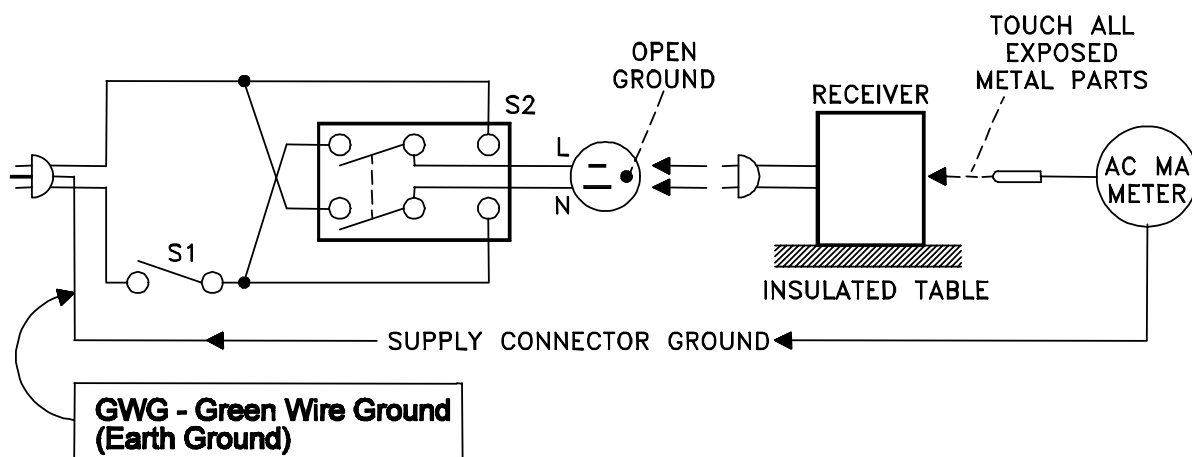
Before returning the receiver to the customer, it is recommended that leakage current be measured according to the following methods.

1. Cold Check

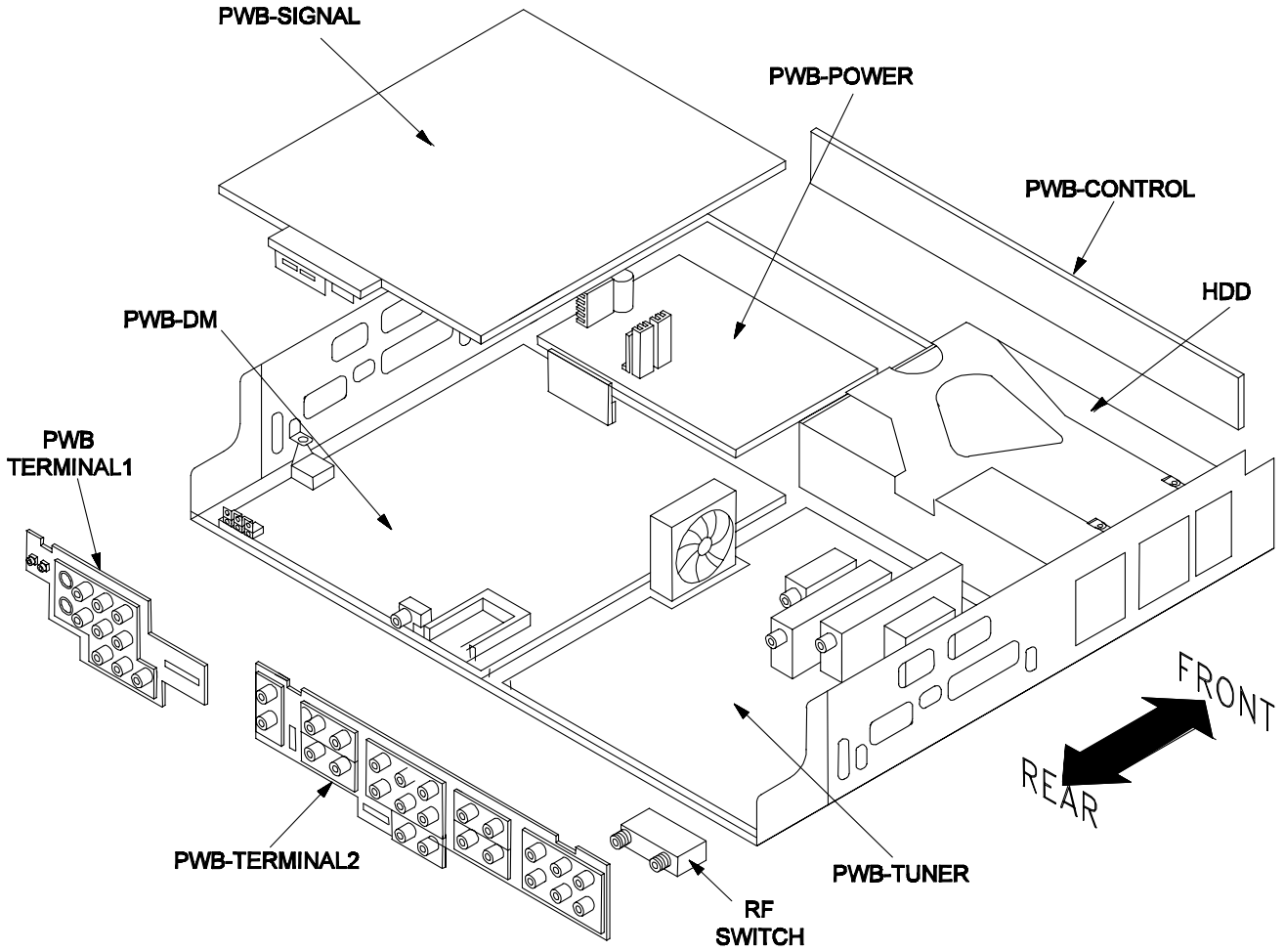
With the alternating current (AC) plug removed from the AC source, place a jumper across the two AC plug prongs. Connect one lead of an ohm meter to the AC plug and touch the other lead to each exposed metal part (i.e. antennas, handle bracket, metal cabinet, screw heads, metal overlay, control shafts, etc.), particularly any exposed metal part that has a return path to the chassis. The resistance of the exposed metal parts having a return path to the chassis **should be a minimum of 1 Mega Ohm**. Any resistance below this value indicates an abnormal condition and requires corrective action.

2. Hot Check ...Use the circuit shown below to perform the hot check test.

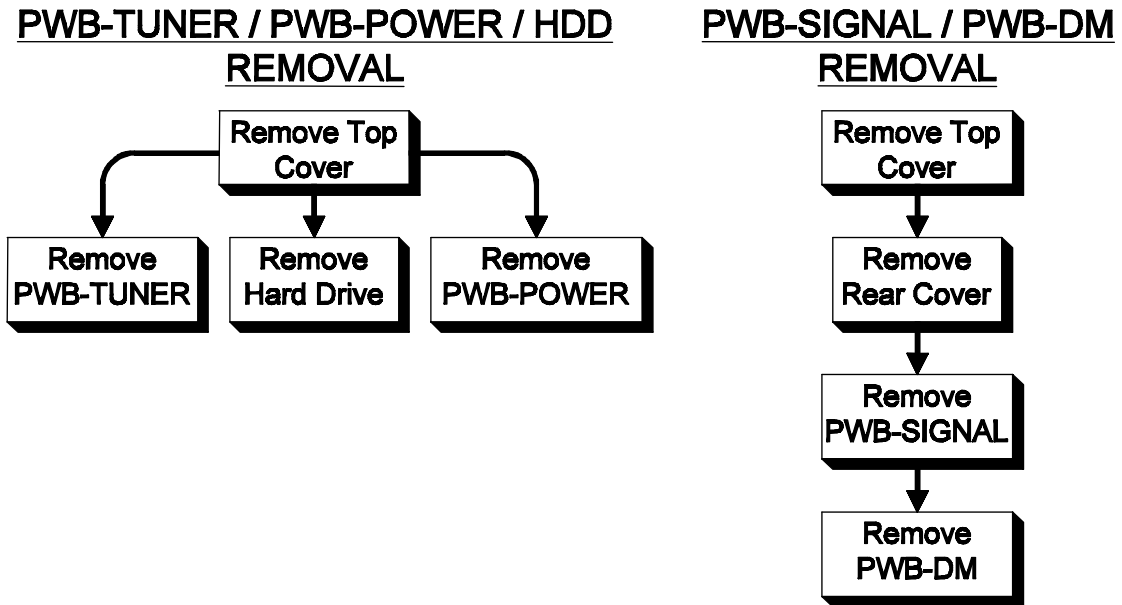
1. Keep switch S1 open and connect the receiver to the measuring circuit. Immediately after connection, and with the switching devices of the receiver in their operating positions, measure the leakage current for both positions of switch S2.
2. Close switch S1, energizing the receiver. Immediately after closing switch S1, and with the switching devices of the receiver in their operating positions, measure the leakage current for both positions of switch S2. Repeat the current measurements of items 1 and 2 after the receiver has reached thermal stabilization. **The leakage current must not exceed 0.5 milliampere (mA).**



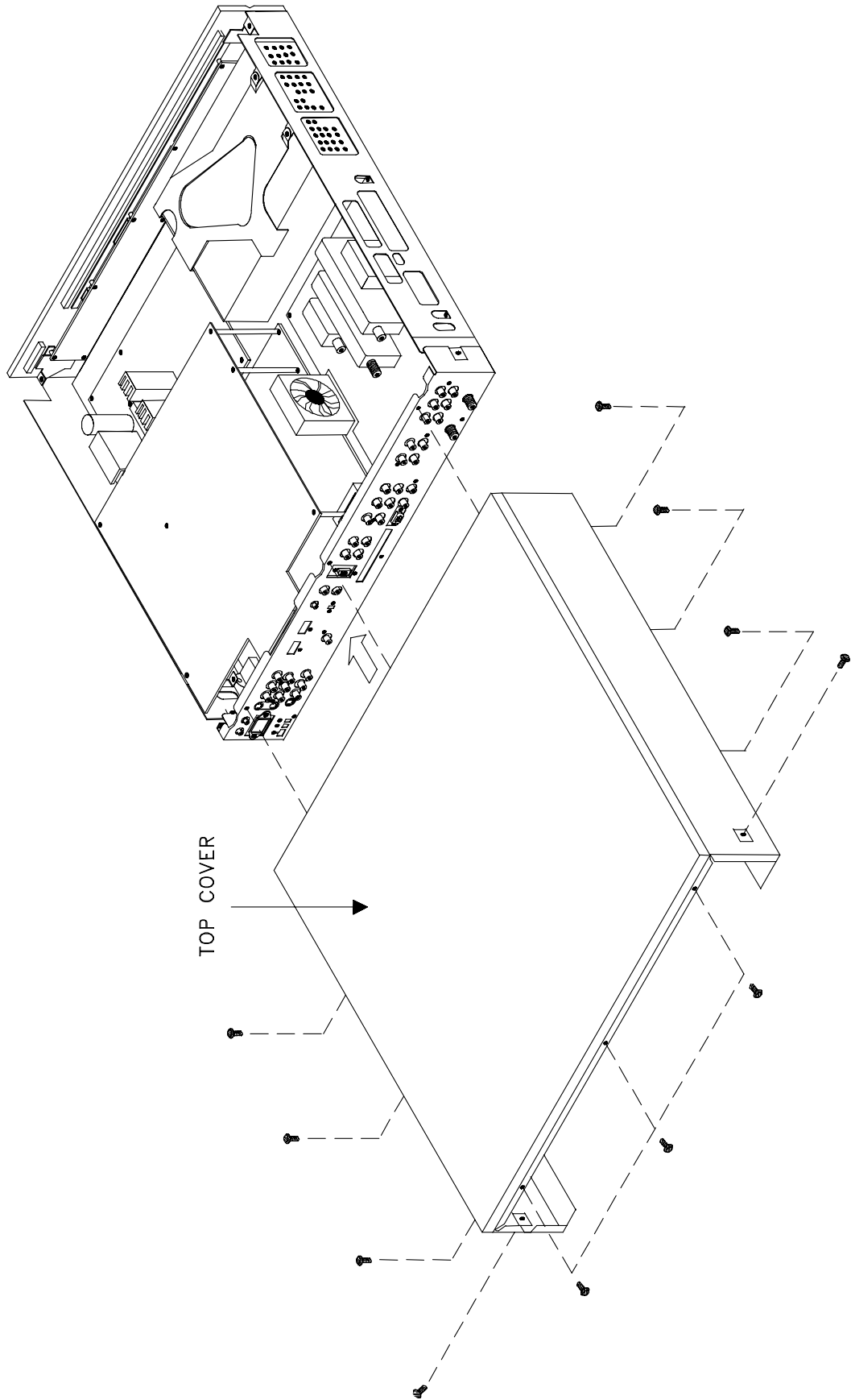
PWB LOCATIONS



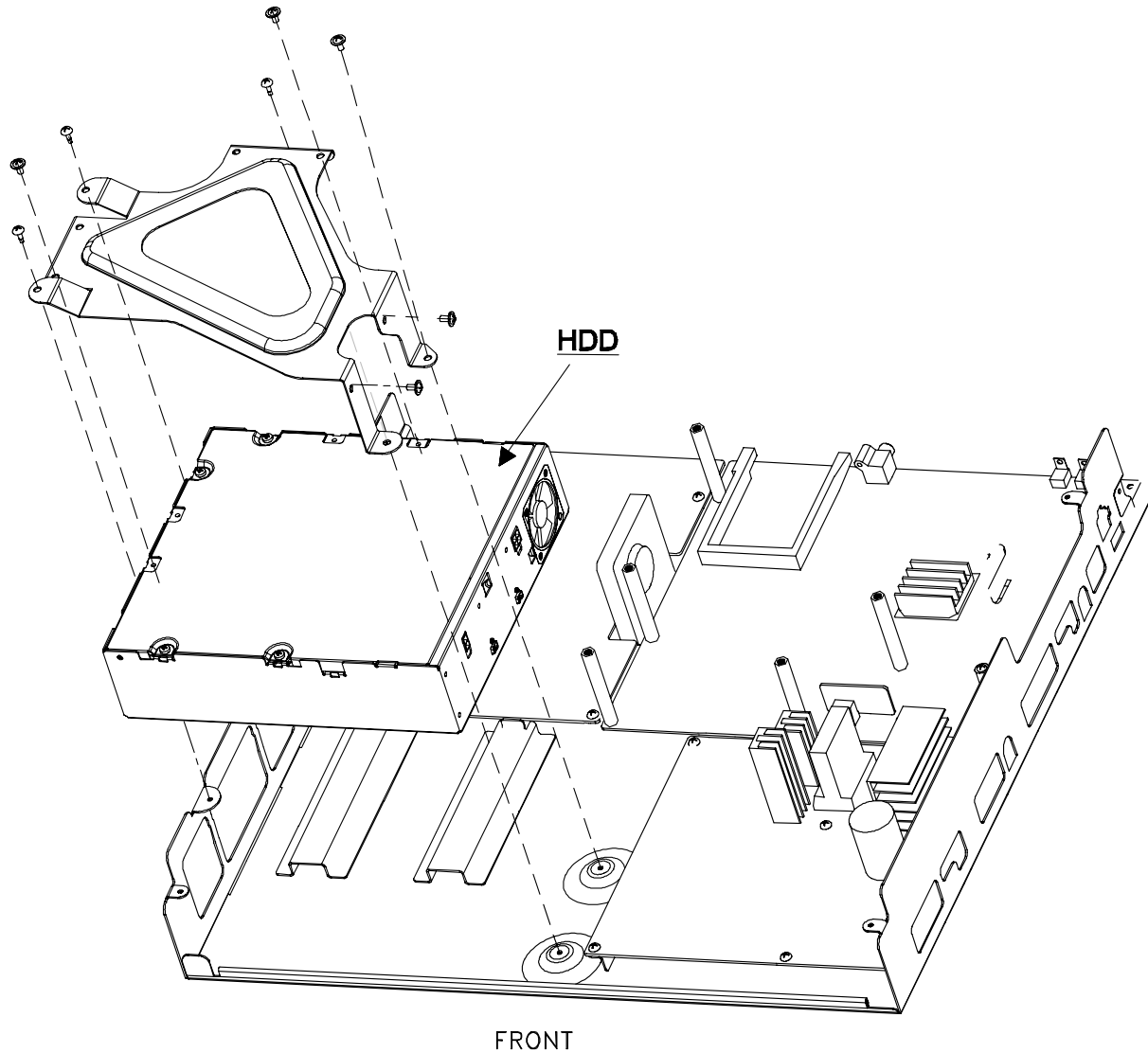
Disassembly Sequence



TOP COVER REMOVAL

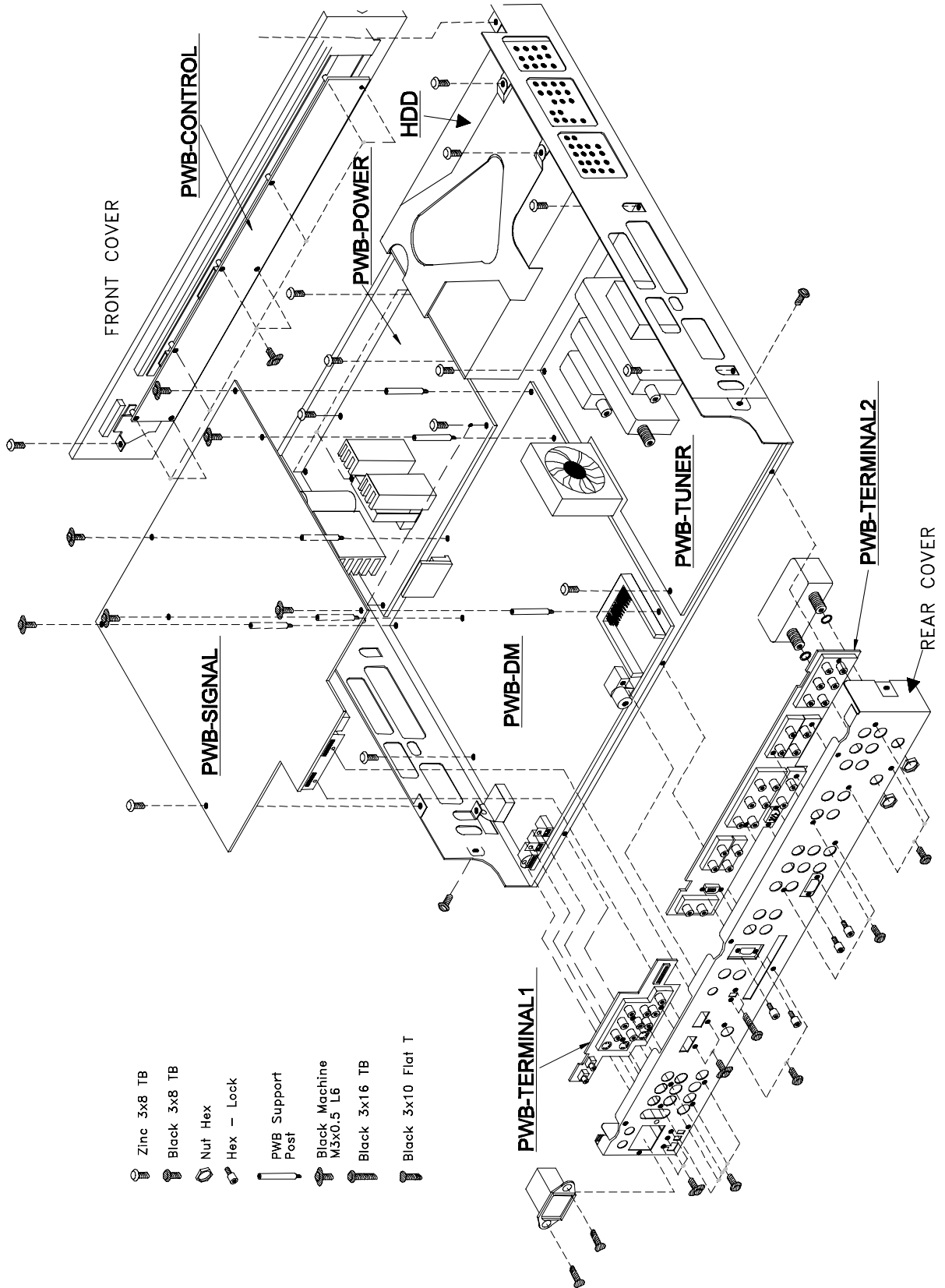


HDD (Hard Drive) Removal



NOTE: Prior to HDD replacement, perform the procedure "Replacing the HDD" described on page 15.

PWB Removal



ELECTRICAL ADJUSTMENTS

Note: Perform only the adjustments required.
Do not attempt an alignment if proper equipment is not available.

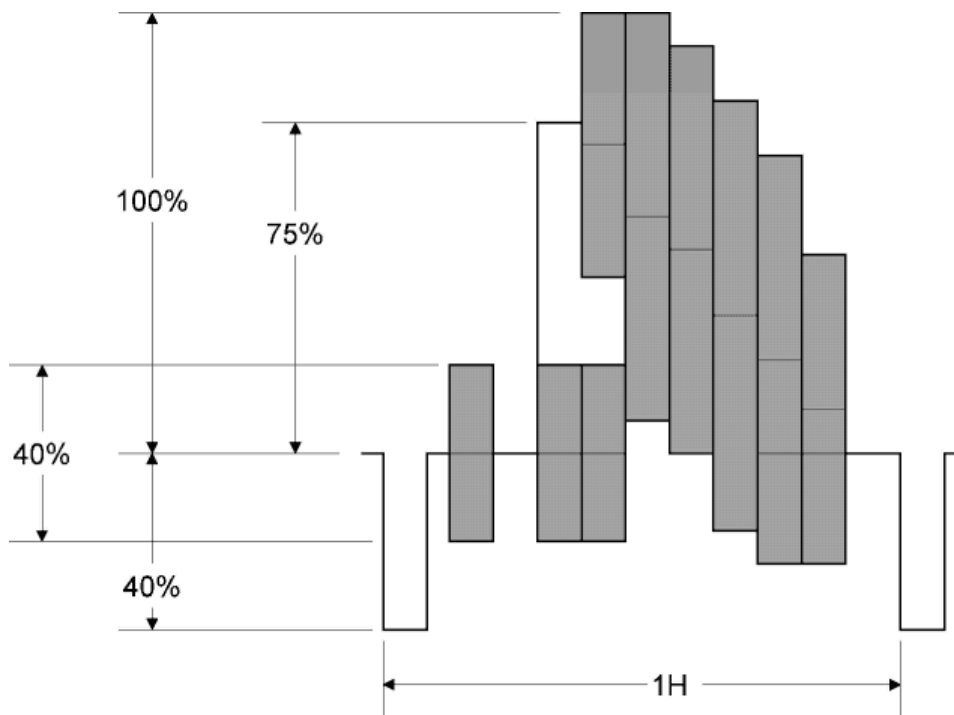
Test Equipment

- Oscilloscope (Unless otherwise specified, use 10:1 probes)
- Signal Generator (both SD and HD capable)

Test Signal

A. Color Bar Signal

Use the color bar signal shown below, unless otherwise specified in this manual.



OPTION MENU

1. Press the "MENU" button on the remote hand unit.
2. Press the buttons "2", "4", "7" and "0" in order.
(The screen will change to the option menu.)

MENU-2-4-7-0

OPTION MENU

Initial
Power Restore :Off
DTV Port :Auto
Direct Key Mode :Off
TV Disc :OK. Press ENTER to replace
G-Link :Off
NetCommand Software XX
Digital Signal Strength XX

DEFAULTS

Defaults After Initialization

Setup Menu	Captions Menu (continued)	Audio / Video
Language :English	Background :Gray	A/V Memory Reset :Ant-1
Color Balance --	Digital Captions :On if Mute	Audio
TV Pause :On Request	Appearance :Default	Bass :50%
Side Bar Color :Gray	Digital Settings	Treble :50%
NetCommand Menu	Font :Font 3	Balance :50%
Edit --	Size :Large	Surround :Off
Transport Menu :On	Color :White	Sub Woofer :On
Default PVR --	Background :Black	Listen To (Analog Only) :Stereo
Icon Order --	Opacity :Translucent	Level Sound :On
Analog Quality :High	Background Opacity :Translucent	Language (Digital Only) :English
Antenna Menu	V-Chip Lock Menu	Video
Antenna :1	V-Chip :Off	Contrast :50%
Memorize --	TV Rating :TV-PG	Brightness :50%
Prefer Digital --	FV-Fantasy Violence :Enable	Sharpness :50%
Channel :3	D-Sexual Dialog :Enable	Color :50%
Memory :Deleted	L-Adult Language :Enable	Tint :50%
Name --	S-Sexual Situations :Enable	Video noise :Standard
SQV --	V-Violence :Enable	Film Mode (Auto) :On
Time Menu	Programs Not Rated :Enable	Video Mute :On
Clock Setting :Manual	Movie Rating :PG	Fix/Variable :Variable
Time :12:00AM	V-Chip Time	Scan Rate Setting :Automatic
Date :1/01/00	Start :12:00pm	TV Volume :30%
Time Zone :Eastern	Stop :12:00pm	PIP Source :Ant-1 003
Daylight Savings Time :Applies	Lock by Time	PIP Position :Lower Right
Timer --	Lock by Time :Off	POP Position :Right Half
Captions Menu	Lock Time :12:00pm	PIP/POP Format :Double Window
Analog Captions :On if Mute	Unlock Time :12:00pm	Format :Stretch

A/V Reset Defaults

A/V Function	Ant 1/2	Input 1/2	Component 1/2/DTV	VGA	HDMI	1394
Contrast	Center	Center	Center	Center	Center	Center
Brightness	Center	Center	Center	Center	Center	Center
Sharpness	Center	Center	Center	N/A	Center	Center
Color	Center	Center	Center	Center	Center	Center
Tint	Center	Center	Center	Center	Center	Center
Video noise	Standard	Standard	Standard	N/A	Standard	N/A
Film Mode (Auto)	On	On	On	N/A	On	N/A
Bass	Center	Center	Center	Center	Center	Center
Treble	Center	Center	Center	Center	Center	Center
Balance	Center	Center	Center	Center	Center	Center
Surround	Off	Off	Off	Off	Off	Off
Listen To	Stereo	N/A	N/A	N/A	N/A	N/A
Level Sound	On	On	On	On	On	On

NOTE: Front Panel A/V Reset, resets all A/V Memory settings.
 User Menu A/V Reset, resets only the selected input A/V settings.

A. A/V Memory

Each of the external inputs has its own Audio/Video Memory. A change in an A/V setting at a specific input is stored in memory for that specific input.

B. A/V Reset

1. Press the GUIDE and FORMAT buttons on the front panel to reset all A/V Memories to default.
2. The AV Reset in the user’s menu initializes only the selected input’s A/V Memory.

LED Indicator Diagnostics

The “POWER/TIMER” LED provides an indication of the sets operation, and the possible cause of a malfunction.

1. Initial Control Circuitry Check

Immediately after the TV is connected to an AC power source:

LED Indications	Conditions	Probable Cause
Off	After AC is applied	Standby Power Supply or TV μPC not running
Fast Bblink for 70 sec.	After AC is applied	Normal DM μPC is booting up
Fast Blink (doesn't stop)	After AC is applied	DM μPC failed to boot up
Slow Blink	Set in Off	Normal - Timer is set for Automatic Turn ON

2. Error Code Operational Check

Note: The Set Top Box must be in “Shut Down” and not have been switched Off, to perform the Error Code Operational Check. When the unit is switched Off, the code automatically resets to “12” No Error.

Pressing the front panel “DEVICE” and “MENU” buttons at the same time, and holding for 5 seconds, activates the Error Code Mode. The LED flashes denoting a two digit Error Code, or indicating no problem has occurred since the last Initialization.

Note: The front panel buttons must be used, NOT those on the Remote Control.

- The number of flashes indicates the value of the MSD (tens digit) of the Error Code.
- The flashing then pauses for approximately 1/2 second.
- The LED then flashes indicating the value of the LSD (ones digit) of the Error Code.
- The Error Code is repeated a total of 5 times.

Example: If the Error Code is “35”, the LED will flash three times, pause, and then flash five times.

4. Error Codes

The Error Code designations indicating malfunction, or no malfunction, are listed below:

Error Code	Probable Cause
12	Normal Operation - No Error Detected
35	Fan Stopped
41	Short Detected

Remote Control Operational Modes

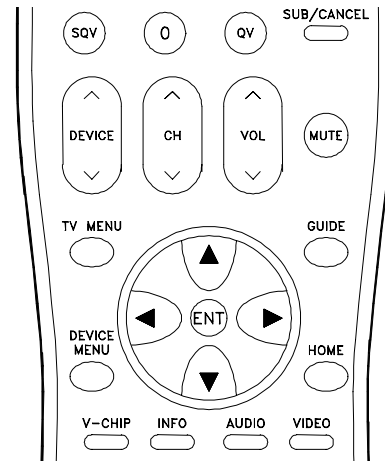
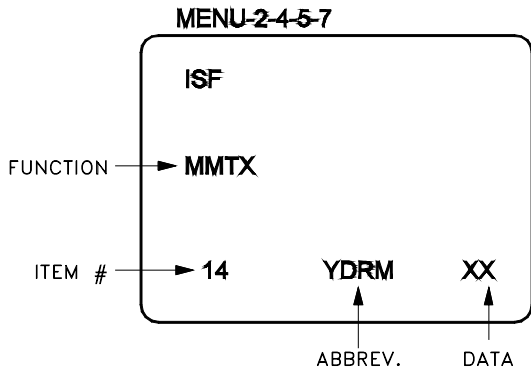
There are two Remote Hand Unit Operational Modes, “Standard” and “NetCommand™”. The Remote is initially in the “Standard” mode. The “NetCommand™” mode is used when controlling Home Theater devices using NetCommand. To change the Remote Operational Mode:

- Set the Remote to the CABLE/DBS/DTV Layer.
- Point the Remote away from the STB.
- To change to “Netcommand” ... Hold the “Power” button and press “1-9-7” in sequence.
- To change to “Standard” ... Hold the “Power” button and press “0-0-0” in sequence.

CIRCUIT ADJUSTMENTS

Electrical Adjustments

Electrical Adjustments are performed in Service Adjustment Mode.

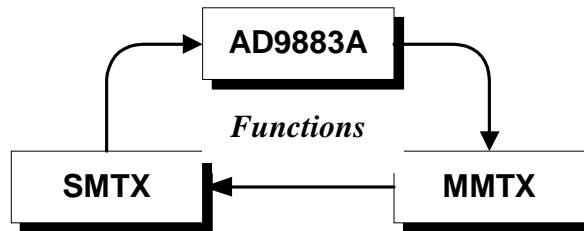


1. Activating the adjustment mode

1. Press the "MENU" button on a remote hand unit.
(The "MENU" display will appear.)
2. Press the buttons "2", "4", "5" and "7" in that order. (The screen will change to the adjustment mode.)
If not changed to the adjustment mode, repeat steps 1 and 2.

2. Adjustment Function Selection

Use the "AUDIO" button to select a specific Adjustment Function.



3. Adjustment Selection

Use the "VIDEO" button to select a specific electrical adjustment.

4. Adjusting Data

After selecting an adjustment item, use the "UP" and "DN" buttons to change adjustment data.

- ^a If the "UP" button is pressed, the adjustment data increases.
- ^a If the "DN" button is pressed, the adjustment data decreases.

5. Saving data

Press "ENTER" to save the adjustment data in memory.
The display characters go red for approx. one second in this step.

Note: If the circuit adjustment mode is terminated without pressing "ENTER", changes in adjustment data are not saved.

6. Terminating the circuit adjustment mode

Press the "MENU" button on the remote hand unit twice to terminate the adjustment mode.

Note: The adjustment mode can be also terminated by turning the power off.

Replacing the HDD

Prior to replacing the HDD Assembly, perform the following steps.

- 1) Disconnect all external IEEE 1394 devices.
- 2) Enter the Option Menu ... Press "MENU-2-4-7-0"
- 3) Select TV Disc. Press "Enter." Wait for confirmation and press "Enter" again.

MENU-2-4-7-0

OPTION MENU	
Initial	
Power Restore	:Off
DTV Port	:Auto
Direct Key Mode	:Off
TV Disc	:OK. Press ENTER to replace
G-Link	:Off
NetCommand Software	XX
Digital Signal Strength	XX

MENU-2-4-7-0

OPTION MENU	
Initial	
Power Restore	:Off
DTV Port	:Auto
Direct Key Mode	:Off
TV Disc	:OK. Press ENTER again to replace
G-Link	:Off
NetCommand Software	XX
Digital Signal Strength	XX

Transferring Data

- 1) Enter the Service Adjustment Mode ... Press "MENU-2-4-5-7"
- 2) Press "0" when in the Service Mode ... Three choices appear at the top of the screen.
- 3) User UP & DN keys to highlight the desired choice, the Press "ENTER"

MENU-2-4-5-7+0

Backup DVC files to CF		
Restore DVC files from CF		
Copy WB Alignment		
MMTX		
14	YDRM	XX

Data Transfer Definitions

Display	Description
Backup DVC files to CF	Copies Alignment data to compact flash
Restore DVC files from CF	Loads Alignment data from compact flash
Copy WB Alignment	Used to transfer WB data from signal E2P to DM E2P

SERVICE MODE - Adjustment Items and Initial Data Values

MAIN MATRIX

Item #	Abbrev.	Description	Data Range	Initial Data
1	TNTM	Main Tint adjustment	0~63	28
4	COLM	Main Color adjustment	0~63	20
14	YDRM	Main Y gain control	0~31	5
18	UPDM	Main Pb Pedestal adjustment	0~15	7
19	VPDM	Main Pr Pedestal adjustment	0~15	7

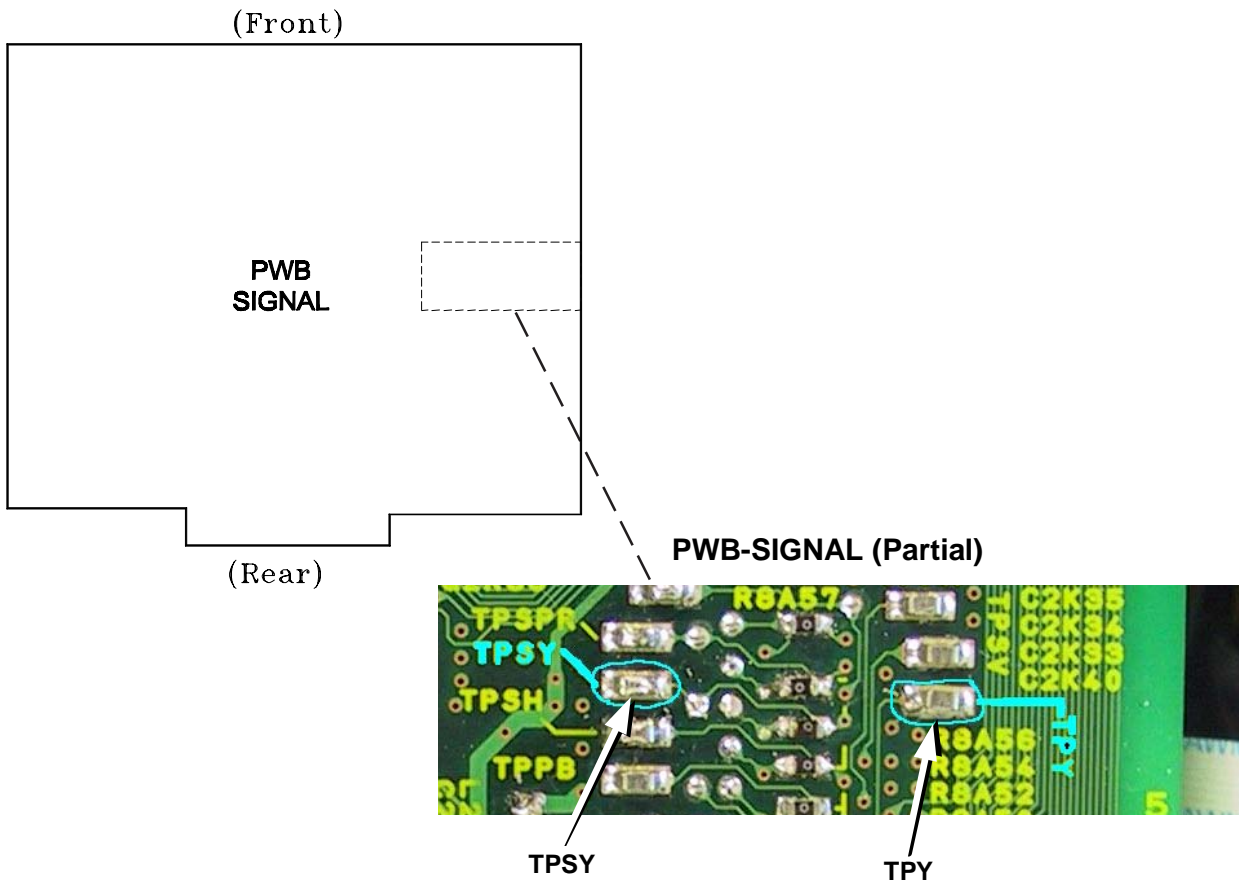
SUB MATRIX

Item #	Abbrev.	Description	Data Range	Initial Data
1	TNTS	Sub Tint adjustment	0~63	28
4	COLS	Sub Color adjustment	0~63	18
14	YDRS	Sub Y gain control	0~31	5
18	UPDS	Sub Pb Pedestal adjustment	0~15	7
19	VPDS	Sub Pr Pedestal adjustment	0~15	7

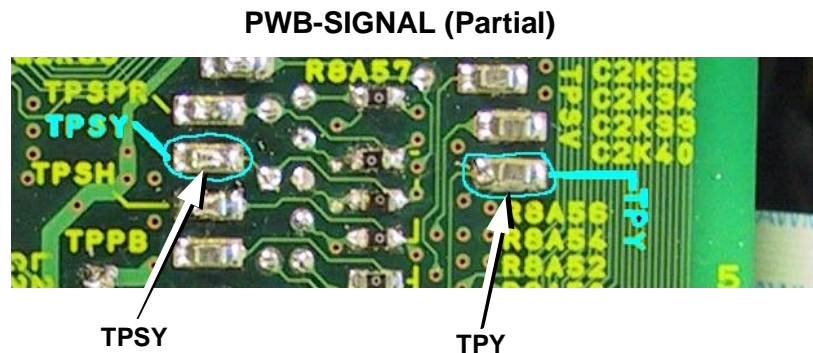
AD9883A

Item #	Abbrev.	Description	Data Range	Initial Data
12	ROFF	Red Offset	0~27	55
14	BOFF	Blue Offset	0~27	59

MODEL: HD-6000
TEST POINTS



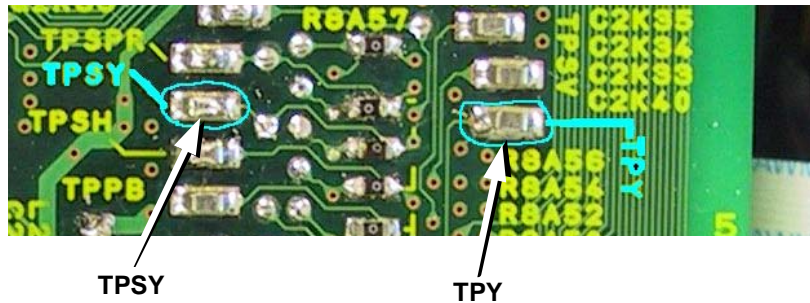
[Video Circuit]		Purpose: To set the main picture Y level
1. Main-Y Gain		Symptom: Incorrect analog source main picture brightness level.
Measuring Instrument	Oscilloscope	<ol style="list-style-type: none"> 1. Supply a Color Bar pattern with 100% white signal to an External Input. Select the Color Bars as the source (Device button). 2. Connect a scope to TPY (Main Luminance). 3. Enter the Alignment Mode (MENU-2-4-5-7) 4. Select the MMTX function (AUDIO button). 5. Select adjust item #14 YDRM (VIDEO button). 6. Set the data so the waveform at TPY is 0.7 Vp-p \pm0.03 Vp-p (ADJUST buttons). 7. Press "ENTER" to save data. 8. Press "MENU" twice to exit the service mode.
Test Point	TPY	
Ext. Trigger	-----	
Measuring Range	-----	
Input Signal	Color bars	
Input Terminal	External Input	



MODEL: HD-6000

[Video Circuit] 2. Sub-Y Gain		Purpose: To set the sub picture Y level Symptom: Incorrect analog source sub picture brightness level.
Measuring Instrument	Oscilloscope	<ol style="list-style-type: none"> 1. Supply a Color Bar pattern with 100% white signal to an External Input. 2. Select the Color Bars as the source for both the main and sub pictures. 2. Connect a scope to TPY (Main Luminance) & TPSY (Sub Luminance). 3. Enter the Alignment Mode (MENU-2-4-5-7) 4. Select the SMTX function (AUDIO button). 5. Select adjust item #14 YDRS (VIDEO button). 6. Set the data so the waveform at TPSY equals TPY. (ADJUST buttons). 7. Press "ENTER" to save data. 8. Press "MENU" twice to exit the service mode.
Test Point	TPY & TPSY	
Ext. Trigger	-----	
Measuring Range	-----	
Input Signal	Color bars	
Input Terminal	External Input	

PWB-SIGNAL (Partial)



[Video Circuit] 3. Sub Picture Offset		Purpose: To match sub picture white to main picture white Symptom: Sub picture white differs from white in the main picture.
Measuring Instrument	----	<ol style="list-style-type: none"> 1. Supply a full white raster signal to an External Input. 2. Select the White raster as the source for both the main and sub pictures. 3. Use the PIP/POP button to select the Single PIP mode. 4. Enter the Alignment Mode (MENU-2-4-5-7) 4. Select the AD9883A function (AUDIO button). 5. Select item #12 ROFF and #14 BOFF (VIDEO button). 6. Set the data fore items #12 and #14 so the sub picture white is close to that in the main picture. (ADJUST buttons). 7. Press "ENTER" to save data. 8. Press "MENU" twice to exit the service mode.
Test Point	----	
Ext. Trigger	-----	
Measuring Range	-----	
Input Signal	Full White Raster	
Input Terminal	External Input	

CHIP PARTS REPLACEMENT

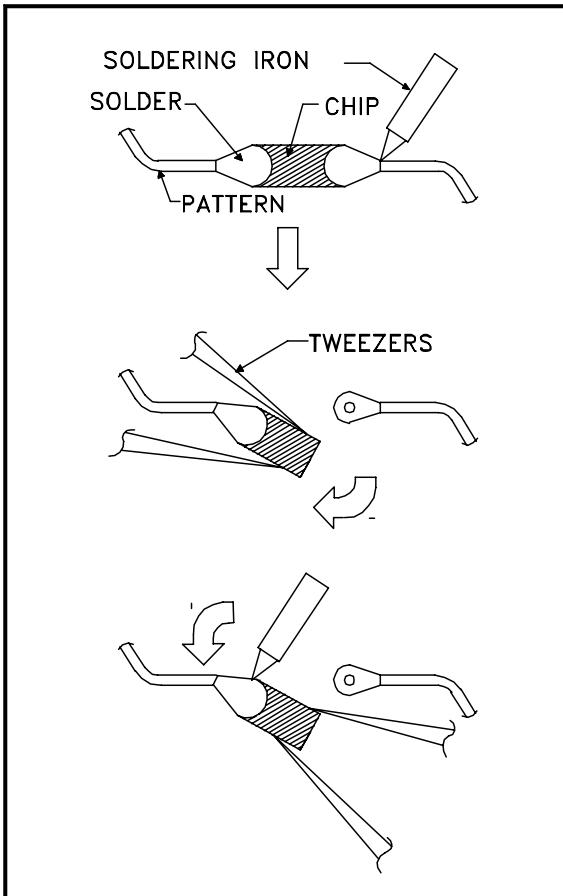
Some resistors, shorting jumpers (0 Ohm resistors), ceramic capacitors, transistors and diodes are chip parts. The following precautions should be taken when replacing these parts.

Cautions:

1. Use a fine tipped, well insulated soldering iron (approximately 30 watts), and tweezers.
2. Melt the solder and remove the chip parts carefully so as not to tear the copper foil from the printed circuit board.
3. Discard removed chips; do not reuse them.
4. Do not apply heat for more than 3 (three) seconds to new chip parts.
5. Avoid using a rubbing stroke when soldering.
6. Take care not to scratch, or damage the chip parts when soldering.
7. Supplementary cementing is not required.

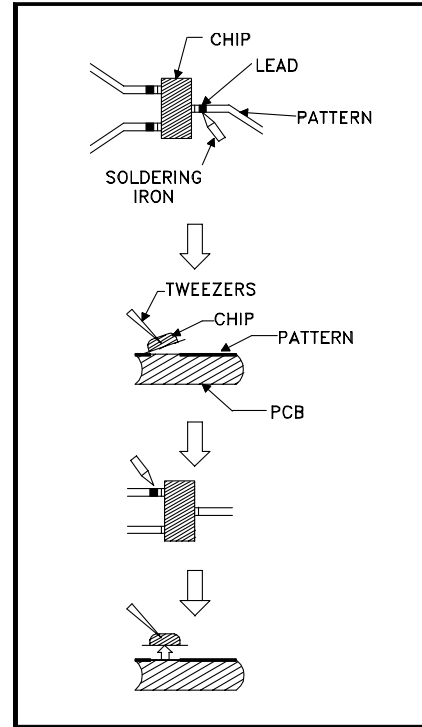
Chip Parts Removal (Resistors, Capacitors, etc.)

1. Grasp the part with tweezers. Melt the solder at both sides alternately, and remove one side of the part with a twisting motion.
2. Melt the solder at the other side and remove the part.



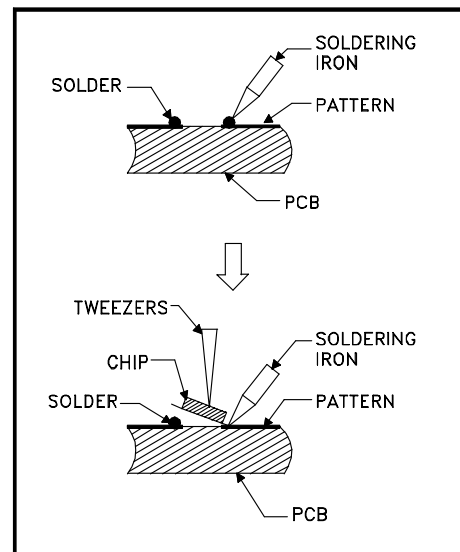
Chip Parts Removal (Transistors)

1. Melt the solder of one lead and lift the side of that lead upward.
2. Simultaneously melt the solder of the other two leads and lift the part from the PCB.



Replacement

1. Presolder the contact points on the circuit pattern.
2. Press the part downward with tweezers and apply the soldering iron as shown.



REPLACEMENT PARTS

Parts Ordering

To expedite delivery of replacement parts orders, specify the following:

1. Model Number/Serial Number
2. Part Number and description
3. Quantity

Note: Unless complete information is supplied, delay in processing of orders will result.

Critical and Warranty Parts Designation

Critical Electrical Components are indicated by **Bold Type** in the Parts List, and in the schematic diagrams by shading.

Warranty Return Parts are indicated in the Parts List with an (*).

Parts Tolerance Codes

Refer to the following chart for tolerance characteristics of electrical components.

MARK	B	C	D	F	G	J	K
Tolerance %	± 0.1	± 0.25	± 0.5	± 1	± 2	± 5	± 10

MARK	M	N	V	X	Z	P	Q
Tolerance %	± 20	± 30	± 10	+ 40 -20	+ 80 -20	+ 100 - 0	+ 30 -10

MARK	M	N	V	X	Z
Tolerance (pF)	± 0.1	± 0.25	± 0.5	± 1	± 2

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]
INTEGRATED CIRCUITS			
IC2000	276P090010	IC-C-MOS - Sil9993	
IC2010	261P829010	TR-CHIP - NDC7002N	
IC2020	275P981010	IC-C-MOS - 24LCS22AT/SN	
IC2040	271P071010	IC - BA033SFP	
IC2050	261P829010	TR-CHIP - NDC7002N	
IC2C00	275P989010	IC-C-MOS - MAX3223ECAP	
IC2C01	276P020010	IC-C-MOS - SN74LVC2G14DBVR	
IC2C02	276P064010	IC-C-MOS - SN74LVC1G125DBV	
IC2C03	276P064010	IC-C-MOS - SN74LVC1G125DBV	
IC2K01	271P061010	IC - CXA2189Q	
IC2L00	271P078010	IC - MM1566AJBE	
IC2L70	270P938010	IC - MC33202D	
IC2M01	275P947010	IC-C-MOS - UPD64083	
IC2M02	272P379020	IC - LM1881MX (NSC)	
IC3B01	270P938010	IC - MC33202D	
IC3C01	276P146010	IC-C-MOS - CS5340-CZR	
IC3E01	276P147010	IC-C-MOS - CS8405A-CZR	
IC3E02	276P064010	IC-C-MOS - SN74LVC1G125DBV	
IC3E03	275P356010	IC-C-MOS - TC74VHCU04FT	
IC3J01	271P060010	IC - CXA2188Q	
IC54Z1	275P657050	IC-C-MOS - 24LC256T-I/SN	
IC54Z3	276P174010	IC-C-MOS - AT24C512N-10S1-2.7	
IC54Z4	270P880010	IC - 24LC64/SN	
IC5A01	276P114010	IC-C-MOS - Sil 9190	
IC5A03	261P829010	TR-CHIP - NDC7002N	
IC5G01	271P071010	IC - BA033SFP	
IC5H01	270P998010	IC-C-MOS - LM317EMP	
IC5J01	275P778010	IC-C-MOS - AD7196AKS	
IC5J10	279P069030	IC - SN74LVTH244APW	
IC5J20	276P187010	IC-C-MOS - ICS574MIT	
IC5P01	276P148010	IC-C-MOS - ispMACH -4128V-5T100C	
IC5T01	270P997010	IC-C-MOS - SM5301AS	
IC5U01	271P099010	IC - LD29150PT50R	
IC7A00	276P017010	IC-C-MOS - M306V7FGFP	
IC7A01	275P533010	IC-C-MOS - M24C64WM6T	
IC7A02	270P706020	IC - MAX823REUK	
IC7A03	270P575020	IC - NJM78M05DLA - TEI	
IC7A04	275P718010	IC-C-MOS - TC74HC4053FT	
IC7D00	275P278010	IC-C-MOS - TC74LVX14FT	
IC7D01	270P818020	IC - CXA3506R	
IC7DA1	267P176010	HIC - AF-9412	
IC7DB0	270P677010	IC - BA033FP	
IC7DC0	270P992010	IC - BA18BC0FP	
IC7E01	275P894010	IC-C-MOS - AD9883AKST-110	
IC7E02	275P663030	IC-C-MOS - M4A3-32/32-5VC-48	
IC7H00	276P106010	IC-C-MOS - MB87M1823PFV-ES-BND	
IC7K21	270P831010	IC-C-MOS - OPA2350PA	
IC7M00	276P091010	IC-C-MOS - M12L64322A-6T	
IC7N01	275P682010	IC-C-MOS - TC74VCX16244FT	
IC7N02	275P682010	IC-C-MOS - TC74VCX16244FT	
IC7P01	275P943030	IC-C-MOS - PIC18F252T-I/SO030	
IC7P03	263P154010	IC-C-MOS - SN74HC132DB	
IC7P04	271P023010	IC - SN74CBTD1G125DBVR	
IC7P30	275P718010	IC-C-MOS - TC74HC4053FT	
IC7P31	271P023010	IC - SN74CBTD1G125DBVR	
IC8001	276P030030	IC-C-MOS - 215H31AGA12H	
IC8002	270P706020	IC - MAX823REUK	
IC8003	276P064010	IC-C-MOS - SN74LVC1G125DBV	

Ref #	Part #	Part Name & Description	[#]
IC8004	276P064010	IC-C-MOS - SN74LVC1G125DBV	
IC8101	271P033010	IC - LP2996MRX	
IC8102	276P201010	IC-C-MOS - K4H561638F-TCCC	
IC8103	276P201010	IC-C-MOS - K4H561638F-TCCC	
IC8104	276P201010	IC-C-MOS - K4H561638F-TCCC	
IC8105	276P201010	IC-C-MOS - K4H561638F-TCCC	
IC81A1	270P991010	IC - IRU3037CS	
IC81A2	261P135010	FET-HEX - IRF7313	
IC81A3	270P879030	IC - SC156615M-2.5TR	
IC81A4	270P992010	IC - BA18BC0FP	
IC81A5	270P879030	IC - SC156615M-2.5TR	
IC81A6	270P037020	IC - MIC29301-5.0BU	
IC81A7	270P999010	IC - NJM2370R09	
IC8205	276P042010	IC-C-MOS - MIC2544-1BM	
IC8211	276P201010	IC-C-MOS - K4H561638F-TCCC	
IC8212	276P201010	IC-C-MOS - K4H561638F-TCCC	
IC8280	275P955010	IC-C-MOS - RTC-8564JE	
IC8301	275P677010	IC-C-MOS - SN74LVC573APWR	
IC8302	275P677010	IC-C-MOS - SN74LVC573APWR	
IC8303	275P677010	IC-C-MOS - SN74LVC573APWR	
IC8305	275P956020	IC-C-MOS - MD2811-D32-V3	
IC8307	275P983010	IC-C-MOS - XR16L2750CM	
IC8308	276P077010	IC-C-MOS - ST013T	
IC8309	275P660020	IC-C-MOS - CS4341-KSR	
IC8310	275P270010	IC-C-MOS - M66010GP	
IC8311	275P769010	IC-C-MOS - TC74AC157FT	
IC8313	276P145010	IC-C-MOS - MSP4440G QI-C13	
IC8314	275P677010	IC-C-MOS - SN74LVC573APWR	
IC8315	275P464010	IC-C-MOS - TC7WH14FK	
IC8316	276P064010	IC-C-MOS - SN74LVC1G125DBV	
IC8317	275P786010	IC-C-MOS - TC7SA08FU	
IC8401	275P624010	IC-C-MOS - TSB42AA4	
IC8402	275P686010	IC-C-MOS - TSB41AB3PFP	
IC8501	275P679010	IC-C-MOS - TC74LCX74FT	
IC8502	275P124040	IC-C-MOS - SN74LVC245APWR	
IC8503	275P677010	IC-C-MOS - SN74LVC573APWR	
IC8504	271P036020	IC - TPS2221PWPR	
IC8505	275P677010	IC-C-MOS - SN74LVC573APWR	
IC8506	276P065020	IC-C-MOS - CIMAX(103563)	
IC8507	275P680010	IC-C-MOS - TC74VCX257FT	
IC8508	275P675010	IC-C-MOS - SN74LV125APWR	
IC8509	271P036020	IC - TPS2221PWPR	
IC8600	275P983010	IC-C-MOS - XR16L2750CM	
IC8601	275P122020	IC-C-MOS - SN74LV32APWR	
IC8602	275P676010	IC-C-MOS - SN74LVC139APWR	
IC8705	275P769010	IC-C-MOS - TC74AC157FT	
IC8706	276P145010	IC-C-MOS - MSP4440G QI-C13	
IC8707	276P089010	IC-C-MOS - TC7W66FU	
IC8708	271P072030	IC - LD29150DT50	
IC8709	271P082010	IC - LD1117DT12	
IC8710	271P072010	IC - LD29150DT25	
IC8711	295P527010	TUNER-NTSC DEMODULATOR	
IC8712	276P109010	IC-C-MOS - CS4334-KS	
IC8713	270P938010	IC - MC33202D	
IC8719	271P023010	IC - SN74CBTD1G125DBVR	
IC8720	271P023010	IC - SN74CBTD1G125DBVR	
IC8721	270P677030	IC - BAO9FP	
IC8722	271P064010	IC - TA75S01F	
IC8723	271P072020	IC - LD29150DT33	

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]
IC8724	275P278010	IC-C-MOS - TC74LVX14FT	
IC8800	270P877010	IC - UPC3217GV	
IC8801	270P877010	IC - UPC3217GV	
IC8802	275P464010	IC-C-MOS - TC7WH14FK	
IC8805	270P988010	IC-OP AMP - LM358M	
IC8806	271P039010	IC-C-MOS - NXT2003 100C	
IC8A00	275P980010	IC-C-MOS - SAA7115HL	
IC8A01	275P982020	IC-C-MOS - MT48LC2M32B2P-7	
IC8A02	276P111010	IC-C-MOS - AK5353VT	
IC8A03	276P112010	IC-C-MOS - BCM7040 KQL	
IC8E00	276P175010	IC-C-MOS - SAA7119E	
IC8G00	276P108030	IC-C-MOS - M306H2FCFP-V261	
IC8G01	270P706010	IC - MAX823	
IC8G02	271P023010	IC - SN74CBTD1G125DBVR	
IC8G03	276P020010	IC-C-MOS - SN74LVC2G14DBVR	
IC8G04	271P023010	IC - SN74CBTD1G125DBVR	
IC8G05	275P443010	IC-C-MOS - TC7SET08H	
IC8G06	271P023010	IC - SN74CBTD1G125DBVR	
IC8H01	270P658030	IC - CXA2019AQ/T4	
IC8H02	271P079010	IC - CXA2181Q	
IC8H10	271P071020	IC - BA09SFP	
IC8H20	271P099010	IC - LD29150PT50R	
IC8T01	270P658030	IC - CXA2019AQ/T4	
IC8T02	271P079010	IC - CXA2181Q	
IC9A20	267P175010	HIC - STR-W6735	
IC9A21	270P816010	IC - NJM431L	
IC9C10	271P010010	IC - RT9172-18CG	
IC9C10	271P072020	IC - LD29150DT33	
IC9C21	271P072020	IC - LD29150DT33	
IC9C41	271P072030	IC - LD29150DT50	
IC9M01	270P677010	IC - BA033FP	
IC9M02	270P992020	IC - BA25BC0FP	
IC9M03	271P071020	IC - BA09SFP	
IC9M04	271P099010	IC - LD29150PT50R	
TRANSISTORS			
CHIP Type Transistors (Listed by Part No.)			
<u>Part No.</u>	<u>Description</u>		
260P806010	DTA124EK/UN2112		
260P817030	2SA1037K-S		
260P817050	2SA1037K-R,S/2SB709AI-R,S		
260P817080	2SA1037K-R,S		
260P818030	2SC2412K-S		
260P818050	2SC2412K-R,S/2SD601AI-R,S		
260P818080	2SC2412K-R,S		
260P836090	2SC3326-A,B		
260P846030	DTC143ZKAT146		
261P801010	2SA1252-5,6		
TRANSISTORS			
Conventional Transistors (By Ref #)			
<u>Ref #</u>	<u>Part #</u>	<u>Part Name & Description</u>	
Q7E03	261P114010	TR - 2SA1585STPR	
Q8800	261P026010	TR - 2SC3356	
DIODES			
D2761	262P802010	D-CHIP - 1SS302	
D2770	262P805050	D-CHIP - UDZS5.1B	

Ref #	Part #	Part Name & Description	[#]
D2771	262P802010	D-CHIP - 1SS302	
D2H01	262P075010	DIODE - RSB6.8S	
D2H02	262P075010	DIODE - RSB6.8S	
D5A65	262P802010	D-CHIP - 1SS302	
D5A66	262P802010	D-CHIP - 1SS302	
D7A00	264P828010	D-CHIP - DAN202U/MA142WK	
D7K21	268P110010	PHOTO-DIODE - SFH2505FA	
D7K22	264P045080	DIODE - 1S2076A/1S2471OM	
D7L20	262P075010	DIODE - RSB6.8S	
D7L21	262P099010	DIODE-LE-CHIP - SML011BBT	
D81A1	264P828010	D-CHIP - DAN202U/MA142WK	
D81A2	264P828010	D-CHIP - DAN202U/MA142WK	
D81A3	264P828010	D-CHIP - DAN202U/MA142WK	
D81A4	262P090010	DIODE - M1FP3	
D81A5	264P458050	DIODE - RD3.9EB1	
D8201	264P846010	D-CHIP - MA732	
D8202	264P846010	D-CHIP - MA732	
D8203	264P846010	D-CHIP - MA732	
D8204	264P846010	D-CHIP - MA732	
D8280	264P808010	DIODE-CHIP - DAN202K	
D8701	262P132010	DIODE - MA2Z077	
D8702	262P132010	DIODE - MA2Z077	
D8703	262P132010	DIODE - MA2Z077	
D8704	262P132010	DIODE - MA2Z077	
D8800	262P089010	DIODE - MA2S728	
D8801	262P071070	DIODE-LE - SML-210FT	
D8802	262P071070	DIODE-LE - SML-210FT	
D8803	262P071070	DIODE-LE - SML-210FT	
D9A01	262P031010	DIODE - D6SB80	
D9A02	264P045080	DIODE - 1S2076A/1S2471OM	
D9A03	264P461050	DIODE - EQA02-06B/RD5.6EB3	
D9A04	264P045080	DIODE - 1S2076A/1S2471OM	
D9A20	264P045080	DIODE - 1S2076A/1S2471OM	
D9A21	264P899010	DIODE - BYV26E	
D9A23	264P045080	DIODE - 1S2076A/1S2471OM	
D9A24	264P045080	DIODE - 1S2076A/1S2471OM	
D9A25	264P045080	DIODE - 1S2076A/1S2471OM	
D9A26	262P128010	DIODE - FSH05A06	
D9A27	262P127010	DIODE - FSH05A03L	
D9A28	264P045080	DIODE - 1S2076A/1S2471OM	
D9A29	264P045080	DIODE - 1S2076A/1S2471OM	
D9A30	264P470070	DIODE - EQA02-32B/RD33EB3	
D9A41	264P045080	DIODE - 1S2076A/1S2471OM	
D9A42	264P045080	DIODE - 1S2076A/1S2471OM	
D9A44	264P045080	DIODE - 1S2076A/1S2471OM	
COILS			
L1H01	321C114010	COIL-RF - 2200MH-J	
L1H02	325C241030	COIL-CHIP - 10MH-K	
L1H51	321C114010	COIL-RF - 2200MH-J	
L1H52	325C241030	COIL-CHIP - 10MH-K	
L2011	409P777080	EMI-F-CHIP - BLM21P221S	
L2012	409P777080	EMI-F-CHIP - BLM21P221S	
L2061	409P777080	EMI-F-CHIP - BLM21P221S	
L2071	409P777080	EMI-F-CHIP - BLM21P221S	
L2111	409P777080	EMI-F-CHIP - BLM21P221S	
L2121	409P777080	EMI-F-CHIP - BLM21P221S	
L2141	409P777080	EMI-F-CHIP - BLM21P221S	
L2151	409P777080	EMI-F-CHIP - BLM21P221S	

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]
L2231	409P777080	EMI-F-CHIP - BLM21P221S	
L2761	409P777080	EMI-F-CHIP - BLM21P221S	
L2801	409P777080	EMI-F-CHIP - BLM21P221S	
L2821	409P777080	EMI-F-CHIP - BLM21P221S	
L2C03	325C146090	COIL-CHIP - 33MH-J	
L2H00	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2H01	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2H02	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2H03	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2H04	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2H05	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2H06	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2H07	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2H08	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2H09	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2H10	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2H11	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2H12	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2H13	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2H14	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2H15	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2H16	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J00	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2J01	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2J03	409P876060	EMI-F-CHIP - CNF20R102S/CKD510JB1H1025	
L2J04	409P876060	EMI-F-CHIP - CNF20R102S/CKD510JB1H1025	
L2J05	409P876060	EMI-F-CHIP - CNF20R102S/CKD510JB1H1025	
L2J06	409P876060	EMI-F-CHIP - CNF20R102S/CKD510JB1H1025	
L2J07	409P876060	EMI-F-CHIP - CNF20R102S/CKD510JB1H1025	
L2J08	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J09	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J10	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J11	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J12	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J13	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J14	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J15	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J16	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J17	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J18	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J19	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J20	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2J21	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2J22	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2J23	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L2J24	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J25	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J26	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J27	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J28	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J29	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J30	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J31	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J32	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J33	409P944010	EMI-F-CHIP - NFL21SP107X1	
L2J34	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2J35	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
L2K01	325C241030	COIL-CHIP - 10MH-K	
L2K09	325C241030	COIL-CHIP - 10MH-K	
L2K58	325C241030	COIL-CHIP - 10MH-K	

Ref #	Part #	Part Name & Description	[#]
L2K67	325C241030	COIL-CHIP - 10MH-K	
L2K71	325C241030	COIL-CHIP - 10MH-K	
L2K80	409P777080	EMI-F-CHIP - BLM21P221S	
L2K81	409P777080	EMI-F-CHIP - BLM21P221S	
L2K90	325C241030	COIL-CHIP - 10MH-K	
L2K91	325C241030	COIL-CHIP - 10MH-K	
L2K99	409P777080	EMI-F-CHIP - BLM21P221S	
L2L12	409P777080	EMI-F-CHIP - BLM21P221S	
L2L13	409P777080	EMI-F-CHIP - BLM21P221S	
L2L70	409P865080	EMI-F-CHIP - BLM18PG6	
L2M21	325C241030	COIL-CHIP - 10MH-K	
L2M30	409P777080	EMI-F-CHIP - BLM21P221S	
L2M31	409P777080	EMI-F-CHIP - BLM21P221S	
L2M35	325C241050	COIL-CHIP - 15MH-K	
L2M36	325C241030	COIL-CHIP - 10MH-K	
L2M38	409P777080	EMI-F-CHIP - BLM21P221S	
L2M40	325C241030	COIL-CHIP - 10MH-K	
L2M41	325C461080	COIL-PEAKING - 27MH-K	
L2M42	325C241030	COIL-CHIP - 10MH-K	
L2M45	409P777080	EMI-F-CHIP - BLM21P221S	
L2M46	409P777080	EMI-F-CHIP - BLM21P221S	
L2M50	325C461000	COIL-PEAKING - 5.6MH-K	
L2M53	325C241030	COIL-CHIP - 10MH-K	
L2M70	325C241030	COIL-CHIP - 10MH-K	
L2M71	325C461080	COIL-PEAKING - 27MH-K	
L2M77	325C241030	COIL-CHIP - 10MH-K	
L2M81	409P777080	EMI-F-CHIP - BLM21P221S	
L3A01	409P777080	EMI-F-CHIP - BLM21P221S	
L3A02	409P777080	EMI-F-CHIP - BLM21P221S	
L3A04	409P777080	EMI-F-CHIP - BLM21P221S	
L3A05	409P777080	EMI-F-CHIP - BLM21P221S	
L3A07	409P777080	EMI-F-CHIP - BLM21P221S	
L3A08	409P777080	EMI-F-CHIP - BLM21P221S	
L3A09	409P777080	EMI-F-CHIP - BLM21P221S	
L3J00	409P777080	EMI-F-CHIP - BLM21P221S	
L5A01	409P777080	EMI-F-CHIP - BLM21P221S	
L5A18	409P777080	EMI-F-CHIP - BLM21P221S	
L5A29	409P777080	EMI-F-CHIP - BLM21P221S	
L5A32	409P777080	EMI-F-CHIP - BLM21P221S	
L5A35	409P777080	EMI-F-CHIP - BLM21P221S	
L5G01	409P777080	EMI-F-CHIP - BLM21P221S	
L5G02	409P777080	EMI-F-CHIP - BLM21P221S	
L5H01	409P777080	EMI-F-CHIP - BLM21P221S	
L5H02	409P777080	EMI-F-CHIP - BLM21P221S	
L5H03	409P777080	EMI-F-CHIP - BLM21P221S	
L5H04	409P777080	EMI-F-CHIP - BLM21P221S	
L5H05	409P777080	EMI-F-CHIP - BLM21P221S	
L5H06	409P777080	EMI-F-CHIP - BLM21P221S	
L5H07	409P777080	EMI-F-CHIP - BLM21P221S	
L5H08	409P777080	EMI-F-CHIP - BLM21P221S	
L5H09	409P777080	EMI-F-CHIP - BLM21P221S	
L5J01	409P865090	EMI-F-CHIP - BLM11A121S	
L5J10	409P865090	EMI-F-CHIP - BLM11A121S	
L5J20	409P865090	EMI-F-CHIP - BLM11A121S	
L5J35	409P865090	EMI-F-CHIP - BLM11A121S	
L5P04	103P509050	R-M-CHIP - 1/16W 00HM	
L5P05	103P509050	R-M-CHIP - 1/16W 00HM	
L5P06	103P509050	R-M-CHIP - 1/16W 00HM	
L5P12	409P865090	EMI-F-CHIP - BLM11A121S	
L5T01	409P865090	EMI-F-CHIP - BLM11A121S	

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]
L7A16	409P777050	EMI-F-CHIP - BLM21B201S	
L7A19	409P777050	EMI-F-CHIP - BLM21B201S	
L7A73	409P777050	EMI-F-CHIP - BLM21B201S	
L7A85	409P777050	EMI-F-CHIP - BLM21B201S	
L7A88	409P777050	EMI-F-CHIP - BLM21B201S	
L7A90	409P777050	EMI-F-CHIP - BLM21B201S	
L7A91	409P777050	EMI-F-CHIP - BLM21B201S	
L7A92	409P777050	EMI-F-CHIP - BLM21B201S	
L7A99	409P777050	EMI-F-CHIP - BLM21B201S	
L7D16	325C420070	COIL-CHIP - 10MH-K	
L7DA7	325C420070	COIL-CHIP - 10MH-K	
L7DF4	409P777080	EMI-F-CHIP - BLM21P221S	
L7DF8	325C420070	COIL-CHIP - 10MH-K	
L7E00	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L7E01	409P777080	EMI-F-CHIP - BLM21P221S	
L7E01	409P876040	EMI-F-CHIP - CNF20C221S/CKD510JB1H221S	
L7E33	409P777080	EMI-F-CHIP - BLM21P221S	
L7E34	325C421030	COIL-CHIP - 100MH-K LOW-R	
L7E42	325C241050	COIL-CHIP - 15MH-K	
L7E69	325C421030	COIL-CHIP - 100MH-K LOW-R	
L7H01	409P777080	EMI-F-CHIP - BLM21P221S	
L7H04	409P777080	EMI-F-CHIP - BLM21P221S	
L7H29	409P777080	EMI-F-CHIP - BLM21P221S	
L7H49	409P777080	EMI-F-CHIP - BLM21P221S	
L7H66	409P777080	EMI-F-CHIP - BLM21P221S	
L7H73	409P777080	EMI-F-CHIP - BLM21P221S	
L7H76	409P777080	EMI-F-CHIP - BLM21P221S	
L7J13	409P777080	EMI-F-CHIP - BLM21P221S	
L7J38	409P777080	EMI-F-CHIP - BLM21P221S	
L7J44	409P777080	EMI-F-CHIP - BLM21P221S	
L7K01	325C421030	COIL-CHIP - 100MH-K LOW-R	
L7K02	325C421030	COIL-CHIP - 100MH-K LOW-R	
L7M90	409P777080	EMI-F-CHIP - BLM21P221S	
L7N01	409P777080	EMI-F-CHIP - BLM21P221S	
L7N41	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N42	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N43	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N44	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N45	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N46	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N47	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N48	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N49	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N50	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N51	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N52	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N53	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N54	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N55	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N56	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N57	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N58	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N59	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N60	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N61	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N62	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N63	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N64	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N65	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N66	409P955020	EMI-F-CHIP - BLM18BB220SN1	

Ref #	Part #	Part Name & Description	[#]
L7N67	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N68	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N70	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7N71	409P955020	EMI-F-CHIP - BLM18BB220SN1	
L7P00	409P777080	EMI-F-CHIP - BLM21P221S	
L7P14	409P777050	EMI-F-CHIP - BLM21B201S	
L7P20	409P777050	EMI-F-CHIP - BLM21B201S	
L7P30	409P777050	EMI-F-CHIP - BLM21B201S	
L8001	409P865080	EMI-F-CHIP - BLM18PG6	
L8002	409P865080	EMI-F-CHIP - BLM18PG6	
L8003	409P865080	EMI-F-CHIP - BLM18PG6	
L8004	409P865080	EMI-F-CHIP - BLM18PG6	
L8005	409P865080	EMI-F-CHIP - BLM18PG6	
L8006	409P865080	EMI-F-CHIP - BLM18PG6	
L8007	409P865080	EMI-F-CHIP - BLM18PG6	
L8008	409P865080	EMI-F-CHIP - BLM18PG6	
L8009	409P777080	EMI-F-CHIP - BLM21P221S	
L8012	409P865080	EMI-F-CHIP - BLM18PG6	
L8013	409P865080	EMI-F-CHIP - BLM18PG6	
L8017	409P865020	EMI-F-CHIP - BLM11A601S	
L8018	409P865020	EMI-F-CHIP - BLM11A601S	
L81A1	321C140060	COIL-RF - 2.7MH-M	
L81A2	351P250010	COIL-CHOKE - GSTC6018-100M	
L81A3	409P777080	EMI-F-CHIP - BLM21P221S	
L81A4	321C140060	COIL-RF - 2.7MH-M	
L81A5	321C140060	COIL-RF - 2.7MH-M	
L81A6	409P777080	EMI-F-CHIP - BLM21P221S	
L81A7	409P865080	EMI-F-CHIP - BLM18PG6	
L81A8	409P777080	EMI-F-CHIP - BLM21P221S	
L8202	409P777080	EMI-F-CHIP - BLM21P221S	
L8203	409P777080	EMI-F-CHIP - BLM21P221S	
L8204	409P777080	EMI-F-CHIP - BLM21P221S	
L8205	409P777080	EMI-F-CHIP - BLM21P221S	
L8206	351P265010	COIL-CHOKE-CHIP - ACM2012	
L8207	351P265010	COIL-CHOKE-CHIP - ACM2012	
L8280	409P865080	EMI-F-CHIP - BLM18PG6	
L8301	409P865080	EMI-F-CHIP - BLM18PG6	
L8304	325C501010	COIL-CHIP - ALQM21N1NR47K10	
L8305	325C501010	COIL-CHIP - ALQM21N1NR47K10	
L8307	409P865080	EMI-F-CHIP - BLM18PG6	
L8309	409P865080	EMI-F-CHIP - BLM18PG6	
L8310	409P865080	EMI-F-CHIP - BLM18PG6	
L8311	409P865080	EMI-F-CHIP - BLM18PG6	
L8312	409P865080	EMI-F-CHIP - BLM18PG6	
L8314	409P865080	EMI-F-CHIP - BLM18PG6	
L8315	409P865080	EMI-F-CHIP - BLM18PG6	
L8320	409P865080	EMI-F-CHIP - BLM18PG6	
L8321	409P865080	EMI-F-CHIP - BLM18PG6	
L8322	409P865080	EMI-F-CHIP - BLM18PG6	
L8323	409P865080	EMI-F-CHIP - BLM18PG6	
L8324	409P865080	EMI-F-CHIP - BLM18PG6	
L8326	409P865080	EMI-F-CHIP - BLM18PG6	
L8329	409P865080	EMI-F-CHIP - BLM18PG6	
L8331	409P865080	EMI-F-CHIP - BLM18PG6	
L8332	409P865080	EMI-F-CHIP - BLM18PG6	
L8333	409P865080	EMI-F-CHIP - BLM18PG6	
L8401	409P865080	EMI-F-CHIP - BLM18PG6	
L8403	409P777080	EMI-F-CHIP - BLM21P221S	
L8404	409P777080	EMI-F-CHIP - BLM21P221S	
L8411	351P265020	COIL-CHIP - ACM2012-201-2P	

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]
L8412	351P265020	COIL-CHIP - ACM2012-201-2P	
L8413	351P265020	COIL-CHIP - ACM2012-201-2P	
L8414	351P265020	COIL-CHIP - ACM2012-201-2P	
L8415	351P265020	COIL-CHIP - ACM2012-201-2P	
L8416	351P265020	COIL-CHIP - ACM2012-201-2P	
L8501	409P865080	EMI-F-CHIP - BLM18PG6	
L8502	409P777080	EMI-F-CHIP - BLM21P221S	
L8503	409P865080	EMI-F-CHIP - BLM18PG6	
L8504	409P777080	EMI-F-CHIP - BLM21P221S	
L8505	409P865080	EMI-F-CHIP - BLM18PG6	
L8506	409P777080	EMI-F-CHIP - BLM21P221S	
L8507	409P865080	EMI-F-CHIP - BLM18PG6	
L8508	409P865080	EMI-F-CHIP - BLM18PG6	
L8509	409P865080	EMI-F-CHIP - BLM18PG6	
L8510	325C241050	COIL-CHIP - 15MH-K	
L8700	325C412050	COIL-CHIP - 100MH-J	
L8701	325C420030	COIL-CHIP - 2.2MH-M	
L8702	325C420030	COIL-CHIP - 2.2MH-M	
L8703	325C420030	COIL-CHIP - 2.2MH-M	
L8704	325C420030	COIL-CHIP - 2.2MH-M	
L8705	325C412050	COIL-CHIP - 100MH-J	
L8706	409P923060	EMI-F-CHIP - BLM21B272S	
L8707	409P923060	EMI-F-CHIP - BLM21B272S	
L8717	325C420030	COIL-CHIP - 2.2MH-M	
L8718	325C420030	COIL-CHIP - 2.2MH-M	
L8719	409P777080	EMI-F-CHIP - BLM21P221S	
L8722	325C420030	COIL-CHIP - 2.2MH-M	
L8723	409P923060	EMI-F-CHIP - BLM21B272S	
L8725	409P923060	EMI-F-CHIP - BLM21B272S	
L8726	409P923060	EMI-F-CHIP - BLM21B272S	
L8727	409P923060	EMI-F-CHIP - BLM21B272S	
L8729	409P923060	EMI-F-CHIP - BLM21B272S	
L8730	409P923060	EMI-F-CHIP - BLM21B272S	
L8736	409P923060	EMI-F-CHIP - BLM21B272S	
L8737	409P865080	EMI-F-CHIP - BLM18PG6	
L8738	409P777080	EMI-F-CHIP - BLM21P221S	
L8739	409P923060	EMI-F-CHIP - BLM21B272S	
L8800	409P936050	EMI-F-CHIP - HS800	
L8801	409P936050	EMI-F-CHIP - HS800	
L8802	409P936050	EMI-F-CHIP - HS800	
L8803	409P936050	EMI-F-CHIP - HS800	
L8804	409P936050	EMI-F-CHIP - HS800	
L8807	325C414090	COIL-CHIP - 0.68MH-J	
L8809	325C410040	COIL-CHIP - 1.8MH-J	
L8914	409P923060	EMI-F-CHIP - BLM21B272S	
L8915	409P865060	EMI-F-CHIP - BLM11B141S	
L8A00	409P777080	EMI-F-CHIP - BLM21P221S	
L8A02	409P777080	EMI-F-CHIP - BLM21P221S	
L8A04	409P777080	EMI-F-CHIP - BLM21P221S	
L8A05	409P777080	EMI-F-CHIP - BLM21P221S	
L8A06	409P777080	EMI-F-CHIP - BLM21P221S	
L8A07	409P777080	EMI-F-CHIP - BLM21P221S	
L8A08	409P777080	EMI-F-CHIP - BLM21P221S	
L8A10	409P777080	EMI-F-CHIP - BLM21P221S	
L8A11	325C241030	COIL-CHIP - 10MH-K	
L8A99	409P777080	EMI-F-CHIP - BLM21P221S	
L8E00	409P777080	EMI-F-CHIP - BLM21P221S	
L8E01	409P777080	EMI-F-CHIP - BLM21P221S	
L8E02	409P777080	EMI-F-CHIP - BLM21P221S	

Ref #	Part #	Part Name & Description	[#]
L8E03	409P777080	EMI-F-CHIP - BLM21P221S	
L8G00	409P777080	EMI-F-CHIP - BLM21P221S	
L8G01	409P777080	EMI-F-CHIP - BLM21P221S	
L8H00	409P777080	EMI-F-CHIP - BLM21P221S	
L8H01	409P777080	EMI-F-CHIP - BLM21P221S	
L8H03	409P777080	EMI-F-CHIP - BLM21P221S	
L8H05	409P777080	EMI-F-CHIP - BLM21P221S	
L8H13	409P777080	EMI-F-CHIP - BLM21P221S	
L8H24	409P777080	EMI-F-CHIP - BLM21P221S	
L8H25	409P777080	EMI-F-CHIP - BLM21P221S	
L8H32	409P777080	EMI-F-CHIP - BLM21P221S	
L8H82	409P777080	EMI-F-CHIP - BLM21P221S	
L8H83	409P777080	EMI-F-CHIP - BLM21P221S	
L8H84	409P777080	EMI-F-CHIP - BLM21P221S	
L8H85	409P777080	EMI-F-CHIP - BLM21P221S	
L8H87	409P777080	EMI-F-CHIP - BLM21P221S	
L8H88	409P777080	EMI-F-CHIP - BLM21P221S	
L8H90	409P777080	EMI-F-CHIP - BLM21P221S	
L8H91	409P777080	EMI-F-CHIP - BLM21P221S	
L8H92	409P777080	EMI-F-CHIP - BLM21P221S	
L8T03	409P777080	EMI-F-CHIP - BLM21P221S	
L8T05	409P777080	EMI-F-CHIP - BLM21P221S	
L8T13	409P777080	EMI-F-CHIP - BLM21P221S	
L8T24	409P777080	EMI-F-CHIP - BLM21P221S	
L8T25	409P777080	EMI-F-CHIP - BLM21P221S	
L8T32	409P777080	EMI-F-CHIP - BLM21P221S	
L9A20	321C141030	COIL-RF - 10MH-K	
L9A21	321C141030	COIL-RF - 10MH-K	
L9A22	321C141030	COIL-RF - 10MH-K	
L9A23	321C141030	COIL-RF - 10MH-K	
L9D00	351P266010	LINE-FILTER - ELF22V050BN	
L9D01	351P266010	LINE-FILTER - ELF22V050BN	
LC202	409P876020	EMI-F-CHIP - CNF20C470S/CKD510JB1H470S	
LC203	409P876020	EMI-F-CHIP - CNF20C470S/CKD510JB1H470S	
LC8001	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8002	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC81A1	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8300	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8301	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8302	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8303	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8304	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8305	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8306	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8307	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8308	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8309	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8310	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8312	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8313	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8314	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8315	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8316	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8317	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8318	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8319	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8320	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8321	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8322	409P945010	EMI-F-CHIP - NFL21SP506X13CD	

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]
LC8323	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8501	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8502	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8503	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8504	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8505	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8506	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8507	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8508	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8509	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8511	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8512	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8514	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8515	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8516	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8517	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8518	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8519	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8520	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8521	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8522	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8523	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8524	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8525	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8526	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8527	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8528	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8529	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8530	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8531	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8603	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8604	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8605	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LC8606	409P945010	EMI-F-CHIP - NFL21SP506X13CD	
LF7D02	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D04	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D06	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D08	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D10	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D12	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D14	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D16	409P945020	EMI-F-CHIP - NFL21SP106X1C3D	
LF7D18	409P945020	EMI-FILTER-CHIP	
LF7D20	409P945020	EMI-FILTER-CHIP	
LF7D22	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7D24	409P944010	EMI-F-CHIP - NFL21SP107X1	
LF7H13	409P865020	EMI-F-CHIP - BLM11A601S	
LF7H14	409P865020	EMI-F-CHIP - BLM11A601S	
LF7H22	409P865020	EMI-F-CHIP - BLM11A601S	
LF7H24	409P865020	EMI-F-CHIP - BLM11A601S	
T2830	409P961010	CHIP-FILTER - ACM2012D-9002P	
T2860	409P961010	CHIP-FILTER - ACM2012D-9002P	
T2910	409P961010	CHIP-FILTER - ACM2012D-9002P	
T2961	409P961010	CHIP-FILTER - ACM2012D-9002P	
T5A21	409P961010	CHIP-FILTER - ACM2012D-9002P	
T5A24	409P961010	CHIP-FILTER - ACM2012D-9002P	
T5A27	409P961010	CHIP-FILTER - ACM2012D-9002P	
T5A30	409P961010	CHIP-FILTER - ACM2012D-9002P	

Ref #	Part #	Part Name & Description	[#]
TRANSFORMERS			
T9A20	350P824010	TRANS-PWR - ER35TM075	
VARIABLE RESISTORS			
RV2831	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV2841	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV2861	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV2871	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV2911	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV2921	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV2961	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV2971	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A21	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A22	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A24	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A25	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A27	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A28	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A30	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV5A31	265P804010	VARISTOR-CHIP - 0603 PULSE GUARD	
RV9D00	265P100020	VAR - ERZV10D271CS	
RESISTORS			
CHIP Type Resistors (Listed by Value)			
Part No.	Value	Part No.	Value
103P509050	1/16W 00HM	103P492060	1/16W 1.1K-F
103P489050	1/4W 00HM	103P492070	1/16W 1.2K-F
103P409050	1/8W 00HM	103P502060	1/16W 1.2K-J
103P508040	1/16W 2.2-J	103P492080	1/16W 1.3K-F
103P508080	1/16W 4.7-J	103P492090	1/16W 1.5K-F
103P509000	1/16W 6.8-J	103P502070	1/16W 1.5K-J
103P500010	1/16W 10-J	103P472090	1/8W 1.5K-F
103P793000	1/16W 16-F	103P493010	1/16W 1.8K-F
103P910040	1/16W 18-J	103P502080	1/16W 1.8K-J
103P400050	1/10W 22-J	103P493020	1/16W 2K-F
103P500050	1/16W 22-J	103P493030	1/16W 2.2K-F
103P910050	1/16W 22-Jx4	103P502090	1/16W 2.2K-J
103P500060	1/16W 27-J	103P402090	1/8W 2.2K-J
103P400070	1/10W 33-J	103P493040	1/16W 2.4K-F
103P500070	1/16W 33-J	103P493050	1/16W 2.7K-F
103P910070	1/16W 33-Jx4	103P503000	1/16W 2.7K-J
103P793080	1/16W 36F	103P493060	1/16W 3K-F
103P500080	1/16W 39-J	103P493070	1/16W 3.3K-F
103P794010	1/16W 47-F	103P503010	1/16W 3.3K-J
103P500090	1/16W 47-J	103P503020	1/16W 3.9K-J
103P401000	1/10W 56-J	103P494010	1/16W 4.7K-F
103P844030	1/16W 56-D	103P503030	1/16W 4.7K-J
103P501000	1/16W 56-J	103P494020	1/16W 5.1K-F
103P911000	1/16W 56-Jx4	103P494030	1/16W 5.6K-F
103P501010	1/16W 68-J	103P503040	1/16W 5.6K-J
103P794060	1/16W 75-F	103P814040	1/16W 6.2K-D
103P509090	1/16W 75-J	103P494050	1/16W 6.8K-F
103P489090	1/4W 75-J	103P503050	1/16W 6.8K-J
103P501020	1/16W 82-J	103P494070	1/16W 8.2K-F
103P794080	1/16W 91F	103P503060	1/16W 8.2K-J
103P401030	1/10W 100-J	103P494090	1/16W 10K-F
103P401031	1/16W 100-J	103P503070	1/16W 10K-J
103P501040	1/16W 120-J	103P913070	1/16W 10K-Jx4

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]	
	103P810050	1/16W 150-D	103P495010	1/16W 12K-F
	103P490050	1/16W 150-F	103P503080	1/16W 12K-J
	103P501050	1/16W 150-J	103P495020	1/16W 13K-F
	103P490070	1/16W 180-F	103P495030	1/16W 15K-F
	103P490080	1/16W 200-F	103P503090	1/16W 15K-J
	103P490090	1/16W 220-F	103P495050	1/16W 18K-F
	103P501070	1/16W 220-J	103P504000	1/16W 18K-J
	Part No.	Value	Part No.	Value
	103P481070	1/4W 220-J	103P504010	1/16W 22K-J
	103P491000	1/16W 240-F	103P495090	1/16W 27K-F
	103P471010	1/8W 270-F	103P496010	1/16W 33K-F
	103P501080	1/16W 270-J	103P504030	1/16W 33K-J
	103P491020	1/16W 300-F	103P504050	1/16W 47K-J
	103P501090	1/16W 330-J	103P496060	1/16W 51K-F
	103P491040	1/16W 360-F	103P496070	1/16W 56K-F
	103P491050	1/16W 390-F	103P504060	1/16W 56K-J
	103P502000	1/16W 390-J	103P504070	1/16W 68K-J
	103P491070	1/16W 470-F	103P497030	1/16W 100K-F
	103P502010	1/16W 470-J	103P504090	1/16W 100K-J
	103P491080	1/16W 510-F	103P497050	1/16W 120K-F
	103P491090	1/16W 560-F	103P505000	1/16W 120K-J
	103P502020	1/16W 560-J	103P505030	1/16W 220K-J
	103P492010	1/16W 680-F	103P505050	1/16W 330K-J
	103P502030	1/16W 680-J	103P498020	1/16W 240K-F
	103P492030	1/16W 820-F	103P505070	1/16W 470K-J
	103P502040	1/16W 820-J	103P505090	1/16W 680K-J
	103P492050	1/16W 1K-F	103P506000	1/16W 820K-J
	103P502050	1/16W 1K-J	103P506010	1/16W 1M-J

RESISTORS

Conventional Resistors (By Ref #)

Ref #	Part #	Part Name & Description
R2814	103C398040	R-METAL-P - 3W 2.2-K
R2816	103C298010	R-METAL-CP - 3W 1.2-J
R2817	103C288040	R-METAL-CP - 2W 2.2-J
R2H15	103C180020	R-METAL - 2W 12-J
R2H16	103C180020	R-METAL - 2W 12-J
R5G01	103C398050	R-METAL-P - 3W 2.7-K
R7E12	103C178010	R-METAL - 1W 1.2-J
R7K36	103P710090	R-CARBON - 1/4W 47-J
R8798	103C288040	R-METAL-CP - 2W 2.2-J
R8H10	103C298050	R-METAL-CP - 3W 2.7-J
R8H20	103P719050	R-CARBON - 1/4W 00HM (MAX 3A)
R9A02	109P179010	R-CEMENT-PLATE - 6.8-J
R9A03	109C010010	R-COMP - 1/2W 1M-K
R9A05	109C010010	R-COMP - 1/2W 1M-K
R9A06	109C010010	R-COMP - 1/2W 1M-K
R9A09	103P145030	R-CARBON - 1/2W 220K-J
R9A11	103P145030	R-CARBON - 1/2W 220K-J
R9A18	103P145020	R-CARBON - 1/2W 180K-J
R9A20	103P144020	R-CARBON - 1/2W 27K-J
R9A21	103P144020	R-CARBON - 1/2W 27K-J
R9A22	103C187030	R-METAL - 2W 0.27-J
R9A25	103P142050	R-CARBON - 1/2W 1K-J
R9A26	109D151090	R-CARBON - 1/4W 33-J
R9A27	109D151050	R-CARBON - 1/4W 75-J
R9A38	103P144090	R-CARBON - 1/2W 100K-J
R9D00	109D036020	R-COMP - 1/2W 4.7M-K
R9M00	103C288030	R-METAL-CP - 2W 1.8-J

Ref #	Part #	Part Name & Description	[#]
CAPACITORS			
CHIP Type Capacitors (Listed by Value)			
Part No.	Value	Part No.	Value
154P340010	CK50V 1P-C	141P142020	B50V 0.012M-K
154P340030	CK50V 2P-C	141P142050	B25V 0.022M-K
154P340060	CK50V 5P-C	141P142090	B25V 0.047M-K
154P341010	CH50V 10P-C	141P143030	B16V 0.1M-K
154P341030	CH50V 12P-J	141P139030	B25V 0.1M-K
154P341050	CH50V 15P-J	141P144020	F25V 0.1M-Z
154P341070	CH50V 18P-J	141P134090	F50V 0.1M-Z
154P341090	CH50V 22P-J	141P135080	F50V/25V 0.1M-Z
154P342010	CH50V 27P-J	141P138080	B25V 0.33M-K
154P352020	SL50V 27P-J	141P143020	B16V 0.082M-K
154P342030	CH50V 33P-J	141P146080	B10V 0.47M-K
154P342050	CH50V 39P-J	141P139090	B16V 0.47M-K
154P342070	CH50V 47P-J	141P147020	B10V/6.3V 1M-K
154P340080	CH50V 47P-J	141P134070	B16V 1M-K
154P342090	CH50V 56P-J	141P135070	F16V 1M-Z
154P343010	CH50V 68P-J	141P144060	F25V 1M-Z
154P343050	CH50V 100P-J	181P526010	50V 1M-M
154P343070	CH50V 120P-J	141P147040	B6.3V 2.2M-K
141P140010	B50V 220P-K	181P526020	50V 2.2M-M
154P344030	CH50V 220P-J	141P133010	B10V 3.3M-M
154P354040	SL50V 220P-J	181P508070	16V 4.7M-M
154P344050	CH50V 270P-J	181P532020	16V 4.7M-M 105C
154P345010	CH50V 470P-J	181P524090	35V 4.7M-M 105C
141P140050	B50V 470P-K	181P508080	16V 10M-M
154P345030	CH25V 560P-J	181P522030	16V 10M-M 105C
154P345050	CH25V 680P-J	181P525000	35V 10M-M 105C
154P345070	CH25V 820P-J	181P532030	BP16V 10M-M 105C
154P345090	CH25V 1000P-J	181P522040	16V 22M-M 105C
141P140090	B50V 1000P-K	181P520010	6.3V 22M-M 105C
141P143050	F50V 1000P-Z/	181P502060	16V 47M-M
	B50V 1000P-K		
141P141010	B50V 1500P-K	181P520030	6.3V 47M-M
141P141030	B50V 2200P-K	181P500030	6.3V 47M-M
141P141050	B50V 3300P-K	181P522060	6V 47M-M
141P141070	B50V 4700P-K	181P502070	16V 100M-M
141P142000	B50V 8200P-K	181P520040	6.3V 100M-M
141P142010	B50V 0.01M-K	181P528010	4V 220M-M 105C
141P133080	B50V 0.01M-Z	181P500060	6.3V 220M-M
141P143080	F50V 0.01M-Z	181P520050	6.3V 220M-M 105C

CAPACITORS AND TRIMMERS

Conventional Capacitors (By Ref #)

Ref #	Part #	Part Name & Description
C1H05	172P262010	C-M-POLY - 50V 0.047M-J
C1H55	172P262010	C-M-POLY - 50V 0.047M-J
C2L03	181P351080	C-ELEC - 10V 1000M-M
C2L61	181P352030	C-ELEC - 16V 47M-M
C2M28	181P351080	C-ELEC - 10V 1000M-M
C2M29	181P351080	C-ELEC - 10V 1000M-M
C5A01	141P140090	C-CER-CHIP - B50V 1000P-K
C7A00	154P345050	C-CER-CHIP - CH25V 680P-J
C81A2	181P182030	C-ELEC - 16V 1000M-M 105C
C81A3	181P182030	C-ELEC - 16V 1000M-M 105C
C81B3	181P182030	C-ELEC - 16V 1000M-M 105C
C81B4	181P182030	C-ELEC - 16V 1000M-M 105C
C8281	189P197020	C-ELE-DBL-LA - FM0H473Z/EECS5R5T473Z

MODELS: HD-6000

Ref #	Part #	Part Name & Description	[#]
C8702	181P355090	C-ELEC - 50V 100M-M	
C8703	181P185060	C-ELEC - 50V 10M-M 105C	
C8705	181P184020	C-ELEC - 35V 100M-M	
C8708	181P185090	C-ELEC - 50V 47M-M 105C	
C8710	181P181000	C-ELEC - 10V 330M-M 105C	
C8717	181P352060	C-ELEC - 16V 330M-M	
C8719	181P352060	C-ELEC - 16V 330M-M	
C8720	181P185060	C-ELEC - 50V 10M-M 105C	
C8725	181P352060	C-ELEC - 16V 330M-M	
C8727	181P181000	C-ELEC - 10V 330M-M 105C	
C8729	181P352060	C-ELEC - 16V 330M-M	
C8733	181P352060	C-ELEC - 16V 330M-M	
C8736	181P185060	C-ELEC - 50V 10M-M 105C	
C8738	181P352060	C-ELEC - 16V 330M-M	
C8742	181P185060	C-ELEC - 50V 10M-M 105C	
C8748	181P185060	C-ELEC - 50V 10M-M 105C	
C8749	181P184020	C-ELEC - 35V 100M-M	
C8751	181P185060	C-ELEC - 50V 10M-M 105C	
C8754	181P184020	C-ELEC - 35V 100M-M	
C8760	181P352030	C-ELEC - 16V 47M-M	
C8761	181P352060	C-ELEC - 16V 330M-M	
C8765	181P352030	C-ELEC - 16V 47M-M	
C8772	181P181000	C-ELEC - 10V 330M-M 105C	
C8773	181P353020	C-ELEC - 25V 10M-M	
C8780	181P353060	C-ELEC - 25V 330M-M	
C8786	181P352030	C-ELEC - 16V 47M-M	
C8788	181P352060	C-ELEC - 16V 330M-M	
C8790	181P355030	C-ELEC - 50V 3.3M-M	
C8792	181P353020	C-ELEC - 25V 10M-M	
C8795	181P352030	C-ELEC - 16V 47M-M	
C8797	181P353060	C-ELEC - 25V 330M-M	
C8798	181P353060	C-ELEC - 25V 330M-M	
C87A0	181P353060	C-ELEC - 25V 330M-M	
C87A1	181P353060	C-ELEC - 25V 330M-M	
C87A3	181P353060	C-ELEC - 25V 330M-M	
C87A4	181P353060	C-ELEC - 25V 330M-M	
C87A7	181P353060	C-ELEC - 25V 330M-M	
C87C1	181P184020	C-ELEC - 35V 100M-M	
C87C4	181P350050	C-ELEC - 6.3V 470M-M	
C8840	181P185060	C-ELEC - 50V 10M-M 105C	
C8844	181P185060	C-ELEC - 50V 10M-M 105C	
C8845	181P185060	C-ELEC - 50V 10M-M 105C	
C8847	181P185060	C-ELEC - 50V 10M-M 105C	
C8848	181P185060	C-ELEC - 50V 10M-M 105C	
C8852	181P185060	C-ELEC - 50V 10M-M 105C	
C8853	181P185060	C-ELEC - 50V 10M-M 105C	
C9A08	189P185090	C-CER - AC250V E2200P-M	
C9A09	189P185090	C-CER - AC250V E2200P-M	
C9A10	189P185090	C-CER - AC250V E2200P-M	
C9A11	189P185090	C-CER - AC250V E2200P-M	
C9A13	189P152030	C-M-POLY - 125/250VAC 2200P-M	
C9A14	189P152070	C-M-POLY - 250VAC 0.01M-M	
C9A20	154P232020	C-CER - B1KV 1000P-K	
C9A21	181P355050	C-ELEC - 50V 10M-M	
C9A25	172P138010	C-POLY - 50V 4700P-J	
C9A26	185D122050	C-ELEC - H200V 1000M-M	
C9A29	181P355050	C-ELEC - 50V 10M-M	
C9A30	181P355050	C-ELEC - 50V 10M-M	
C9A32	181P735040	C-ELEC - 25V 1500M-M	
C9A33	181P735040	C-ELEC - 25V 1500M-M	

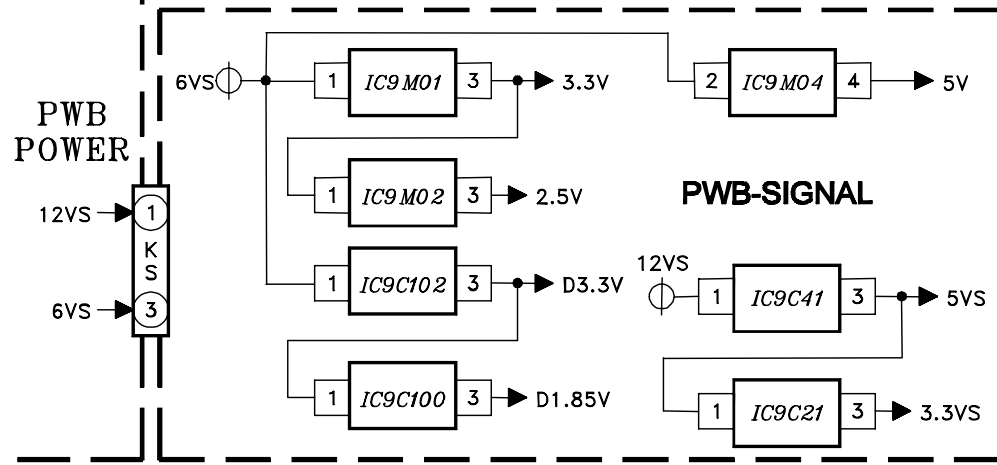
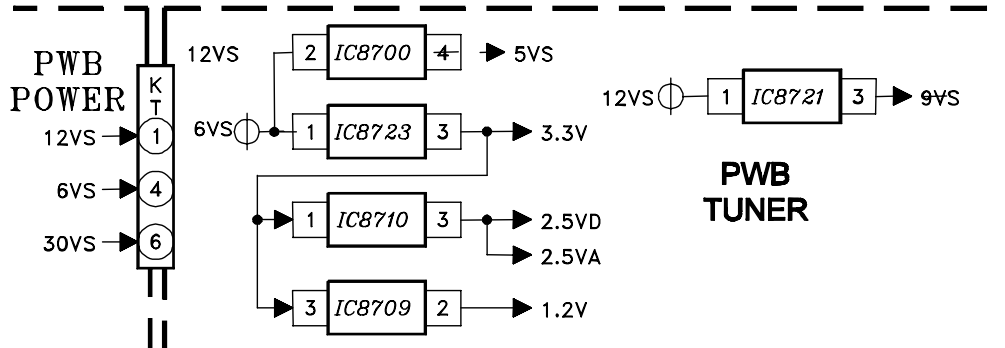
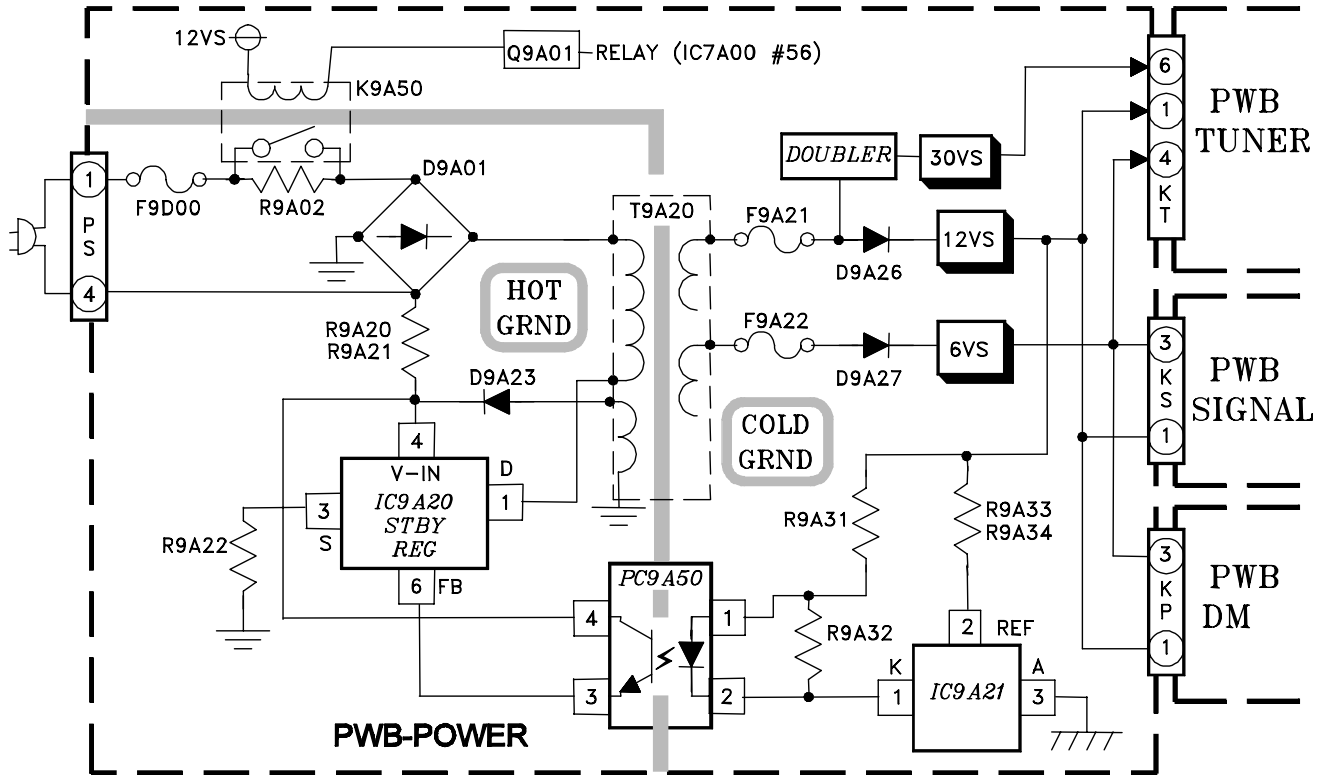
Ref #	Part #	Part Name & Description	[#]
C9A34	154P400050	C-CER - B1KV 1000P-K	
C9A35	181P735010	C-ELEC - 25V 470M-M	
C9A37	181P734000	C-ELEC - 16V 2200M-M 105C	
C9A38	181P734000	C-ELEC - 16V 2200M-M 105C	
C9A41	181P732010	C-ELEC - 10V 1000M-M 105C	
C9A43	172P262050	C-M-POLY - 50V 0.1M-J	
C9A50	189P152030	C-M-POLY - 125/250VAC 2200P-M	
C9D00	189P153040	C-M-POLY - 250VAC 0.1M-M	
C9D01	189P153040	C-M-POLY - 250VAC 0.1M-M	
C9D02	189P153040	C-M-POLY - 250VAC 0.1M-M	
C8702	181P355090	C-ELEC - 50V 100M-M	
C8703	181P185060	C-ELEC - 50V 10M-M 105C	
SWITCHES			
S7L20	432P109010	SW-KEY BOARD - KSHS611BT	
S7L21	432P109010	SW-KEY BOARD - KSHS611BT	
S7L22	432P109010	SW-KEY BOARD - KSHS611BT	
S7L23	432P109010	SW-KEY BOARD - KSHS611BT	
S7L24	432P109010	SW-KEY BOARD - KSHS611BT	
S7L25	432P109010	SW-KEY BOARD - KSHS611BT	
S7L26	432P109010	SW-KEY BOARD - KSHS611BT	
S7L27	432P109010	SW-KEY BOARD - KSHS611BT	
S7L28	432P109010	SW-KEY BOARD - KSHS611BT	
S7L29	432P109010	SW-KEY BOARD - KSHS611BT	
MISCELLANEOUS			
	242D527010	CABLE - IR	
	242D540040	CABLE - RF PIN-PLUG 150mm	
	242D540050	CABLE - RF PIN-PLUG 100mm	
	242D540060	CABLE - RF F-TYPE 160mm	
	242D544010	CABLE - 1394 M-F 500mm	
	242D544020	CABLE - 1394 M-F 600mm	
	246C468020	AC-INLET	
	299P254020	IR-EMITTER, 4-HEAD - T-IR-02 W/FERRITE CO	
	299P278020	FAN - EFB06121A-R00	
	305P703010	2RF-SWITCH	
	411D064010	FERRITE CORE - HF57SH35X0.8	
	712A051010	BRACKET-TOP	
	939P989010	ASSY-HDD-UNIT	
F9A01	283P144080	FUSE - 125V 5A	
F9A21	283P144090	FUSE - 125V 10A	
F9A22	283P144090	FUSE - 125V 10A	
F9D00	283D131040	FUSE - S10A 125A	
SF8800	296P171010	SAW-FILTER - X6892D	
SF8801	296P172010	SAW-FILTER - X7303P	
CF8H01	299P128010	OSC-CERAMIC - CSB500F2	
CF8T01	299P128010	OSC-CERAMIC - CSB500F2	
HR	452C410010	CONNECTOR-HDMI	
HT	452C410010	CONNECTOR-HDMI	
J8201	452C401010	CONNECTOR-USB	
J8202	452C401010	CONNECTOR-USB	
J8301	440C393030	PIN-JACK-BOARD-1P	
J8401	451P246020	JACK-1394	
J8402	451P246010	JACK-1394 - MINI	
J8403	451P246010	JACK-1394 - MINI	
K9A50	287P111030	RELAY-POWER - LKS1AF-12V	
PB	452C411020	CONNECTOR PCCARD	

MODELS: HD-6000

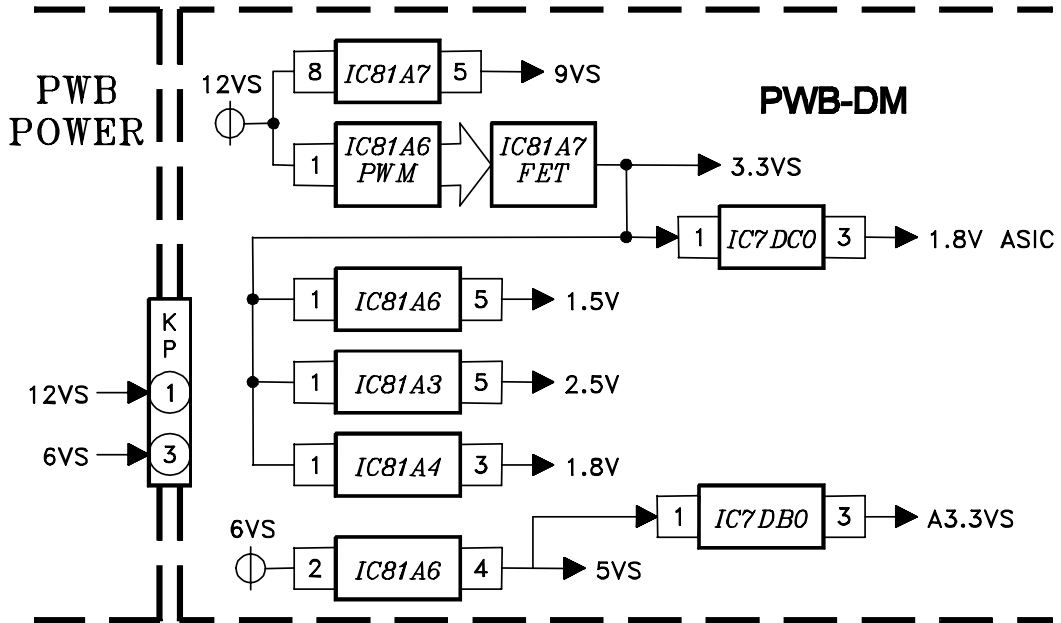
Ref #	Part #	Part Name & Description	[#]
PC9A21	268P058020	PHOTO-COUPLER - ON3131-R/ON3161-R	
PC9A50	268P058020	PHOTO-COUPLER - ON3131-R/ON3161-R	
PJ2J00	440C438010	PIN-JACK-BOARD	
PJ2J01	440C438020	PIN-JACK-BOARD	
PJ2J02	451C269010	AUDIO-JACK	
PJ2J03	451C259010	JACK-MICROPHONE	
PJ2J04	440C433020	PIN-JACK-BOARD	
PJ2J05	440C433010	PIN JACK BOARD	
PJ2J06	440C433020	PIN-JACK-BOARD	
PJ2J07	440C433010	PIN JACK BOARD	
PJ2J08	440C433030	PIN-JACK-BOARD	
PJ2J09	440C433020	PIN-JACK-BOARD	
PJ2J10	440C433020	PIN-JACK-BOARD	
PJ2J11	440C433020	PIN-JACK-BOARD	
PJ2J13	452C315010	CONNECTOR-VGA	
PJ2J14	452C393010	CONNECTOR-DSUB	
PJ701	451C082040	JACK-MICROPHONE	
TU8700	295P490040	TUNER-TV - ENA46914P4A	
TU8701	295P523020	TUNER-NTSC/ATSC	
TU8702	295P524010	TUNER-OOB	
X2K51	285P029030	QTZ-CRYST - 4.000 MHZ	
X2M47	285P374050	QTZ-CRYST - 20.000MHZ	
X3E51	285P451010	QTZ-CRYST - 12.288MHZ	
X7A13	285P434020	QTZ-CRYST - 16.000MHZ	
X7J10	285P335050	QTZ-CRYST - 80.000MHZ	
X7P09	285P434010	QTZ-CRYST - 8.000MHZ	
X8001	285P441040	QTZ-CRYST - 26.1621MHZ	
X8301	285P434020	QTZ-CRYST - 16.000MHZ	
X8302	285P441030	QTZ-CRYST - 14.31818MHZ	
X8303	285P413010	QTZ-CRYST - 18.432MHZ	
X8401	285P431020	QTZ-CRYST - 54.000MHZ	
X8402	285P410020	QTZ-CRYST - 24.576MHZ	
X8613	285P434020	QTZ-CRYST - 16.000MHZ	
X8701	285P413010	QTZ-CRYST - 18.432MHZ	
X8800	285P453010	QTZ-CRYST - 25.140MHZ	
X8A00	285P387010	QTZ-CRYST - 24.576MHZ	
X8A01	285P446010	QTZ-CRYST - 83.33MHZ	
X8E00	285P387010	QTZ-CRYST - 24.576MHZ	
X8G00	285P374040	QTZ-CRYST - 10.000MHZ	
X8G01	285P374020	QTZ-CRYST - 3.579545MHZ	

Ref #	Part #	Part Name & Description	[#]
X8H12	299P259010	OSC-CERAMIC - CSALA2M6964ZF01-B0	
X8H14	285P029030	QTZ-CRYST - 4.000 MHZ	
X8H26	285P374020	QTZ-CRYST - 3.579545MHZ	
X8T12	299P259010	OSC-CERAMIC - CSALA2M6964ZF01-B0	
X8T14	285P029030	QTZ-CRYST - 4.000 MHZ	
X8T26	285P374020	QTZ-CRYST - 3.579545MHZ	
Z7K01	939P936010	UNIT-PREAMP - TSOP4833YA1	
Z81A1	283P128050	FUSE-CHIP - AC125/100V 4A	
Z81A2	283P128050	FUSE-CHIP - AC125/100V 4A	
Z81A3	283P128050	FUSE-CHIP - AC125/100V 4A	
Z81A4	283P128050	FUSE-CHIP - AC125/100V 4A	
PRINTED CIRCUIT BOARDS			
	934C122001	ASSY-PWB-POWER	
	934C123001	ASSY-PWB-TERMINAL1	
	934C124001	ASSY-PWB-TERMINAL2	
	934C125001	ASSY-PWB-CONTROL	
	934C126001	ASSY-PWB-SIGNAL	
	934C127001	ASSY-PWB-TUNER	
	934C128001	ASSY-PWB-DM	
	934C129001	ASSY-PWB-E2P	
COSMETIC PARTS			
	712A050020	PANEL-REAR	
	712C709010	PLATE-TOP	
	712C710010	PANEL - FRONT	
	761C740010	BADGE DIAMOND	
	761C741010	BADGE INSERT	
	775B142020	NAME-PLATE - HD-6000	
ACCESSORIES			
	242D525010	CABLE - AUDIO - AC3	
	246C293010	CORD - AC-POWER	
	246C471010	CABLE - IR RECIEVER	
	246C472010	CABLE - 9P SUB	
	290P118030	REMOTE CONTROL - EUR7616790	
	IQR HD6000	GUIDE - QUICK REFERENCE	
	i/B HD6000	GUIDE - OWNERS	
	246C505020	CABLE - HDMI	

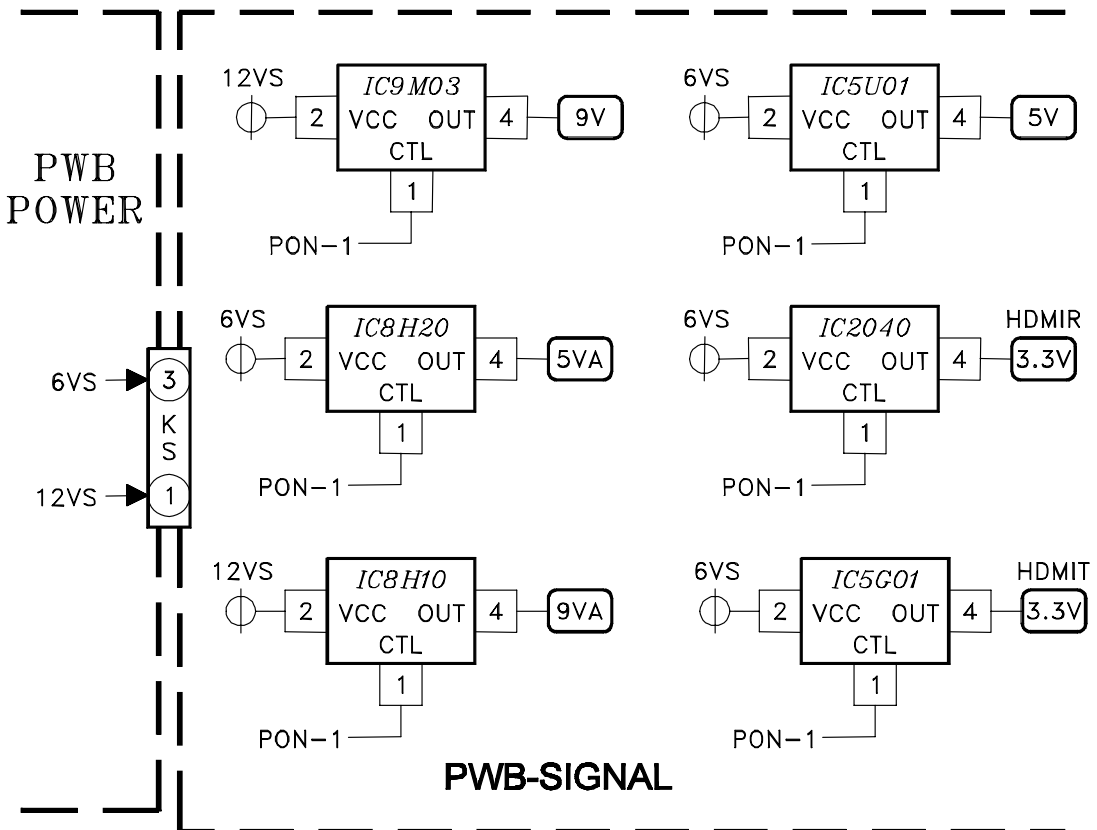
Standby Supplies

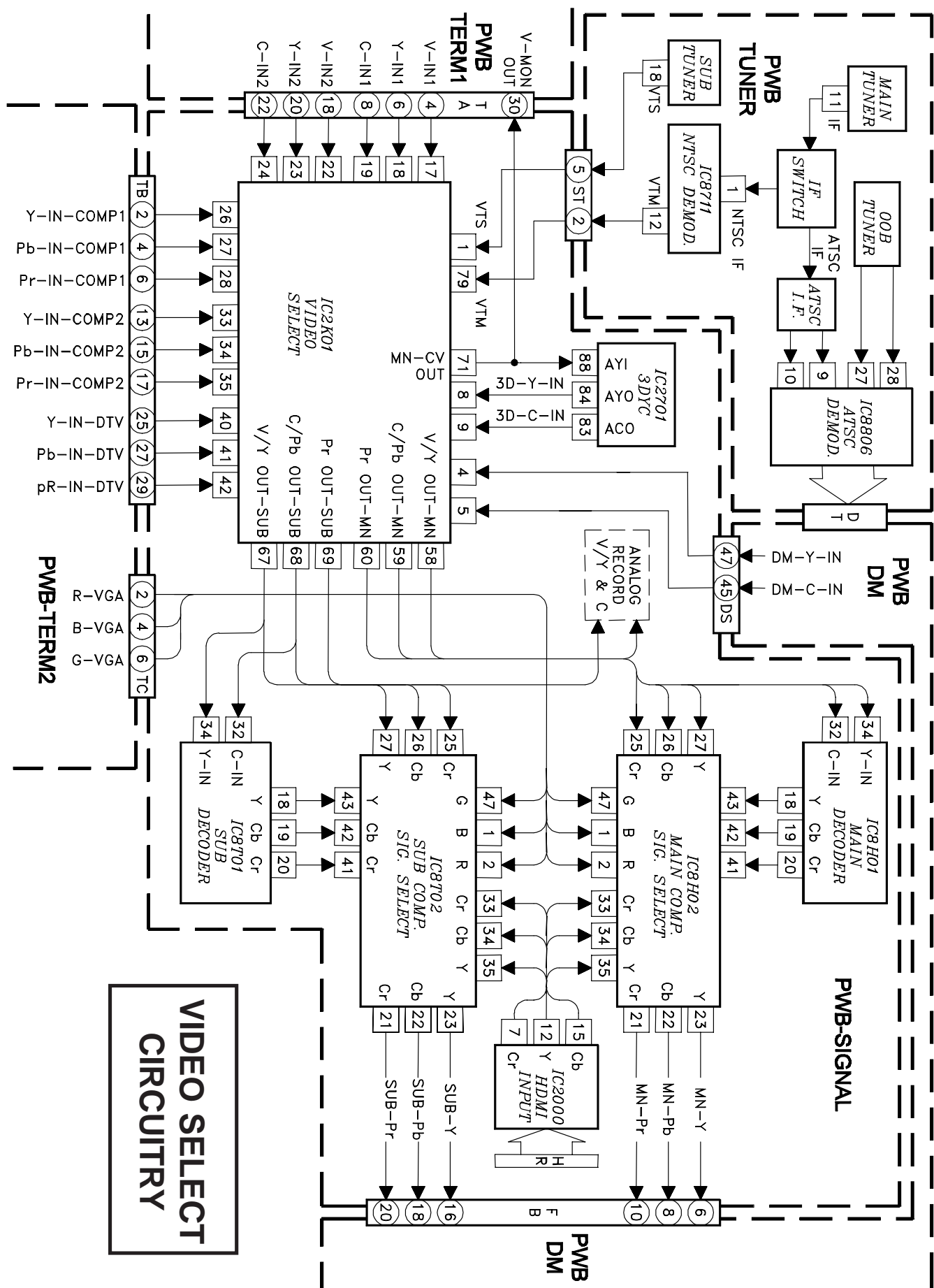


PWB-DM Power Supplies

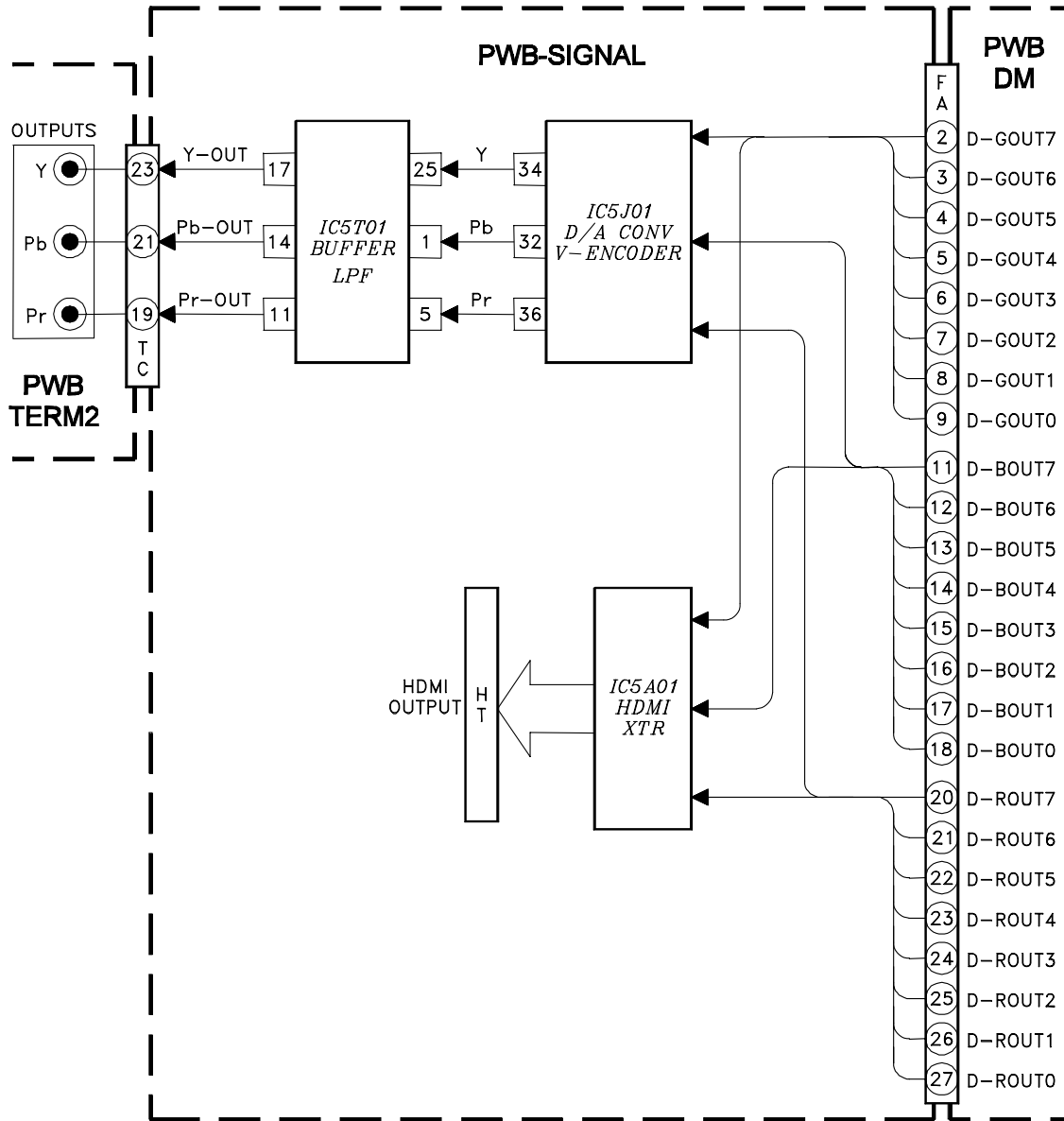


PWB-SIGNAL Switched Supplies

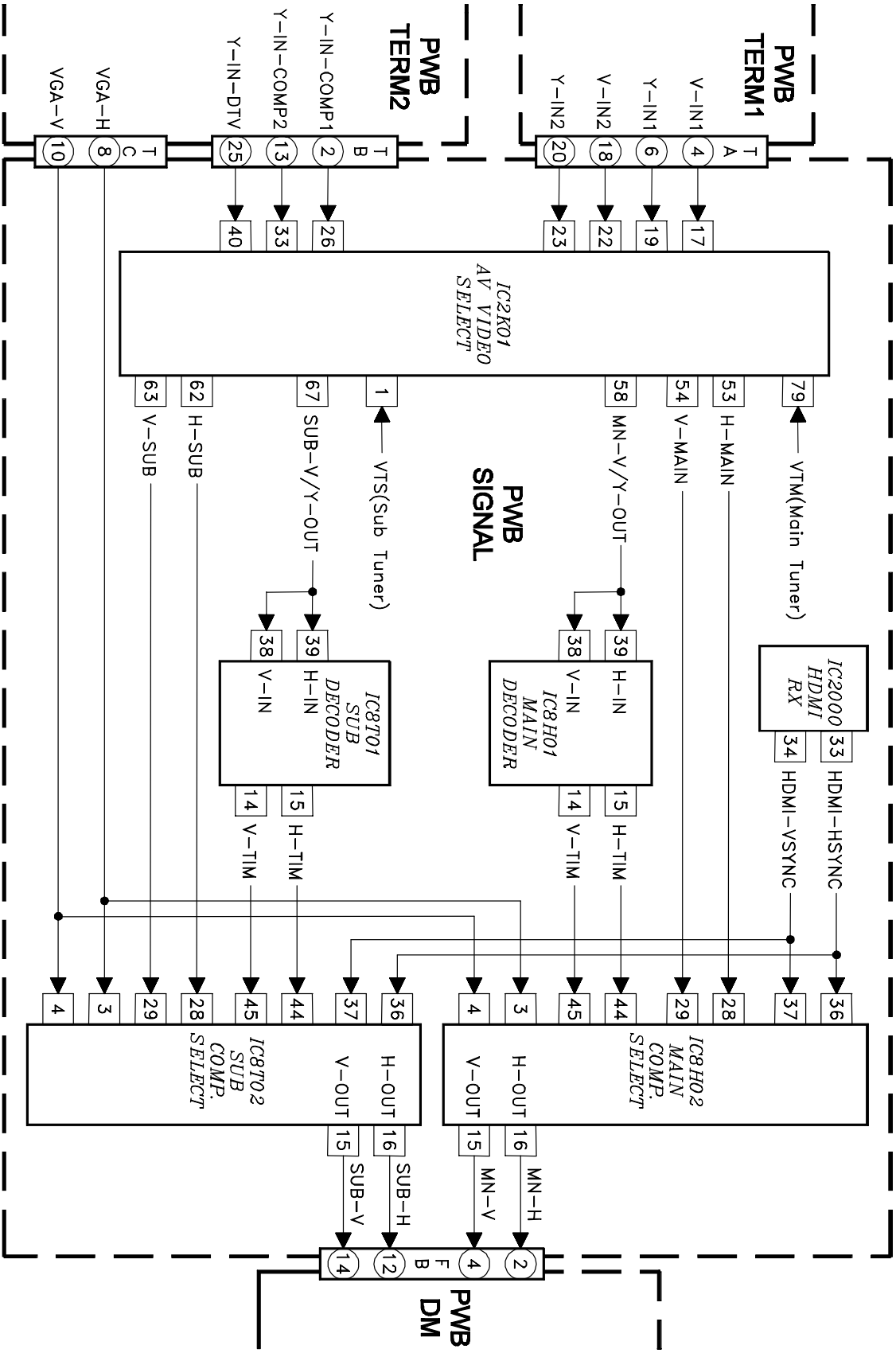




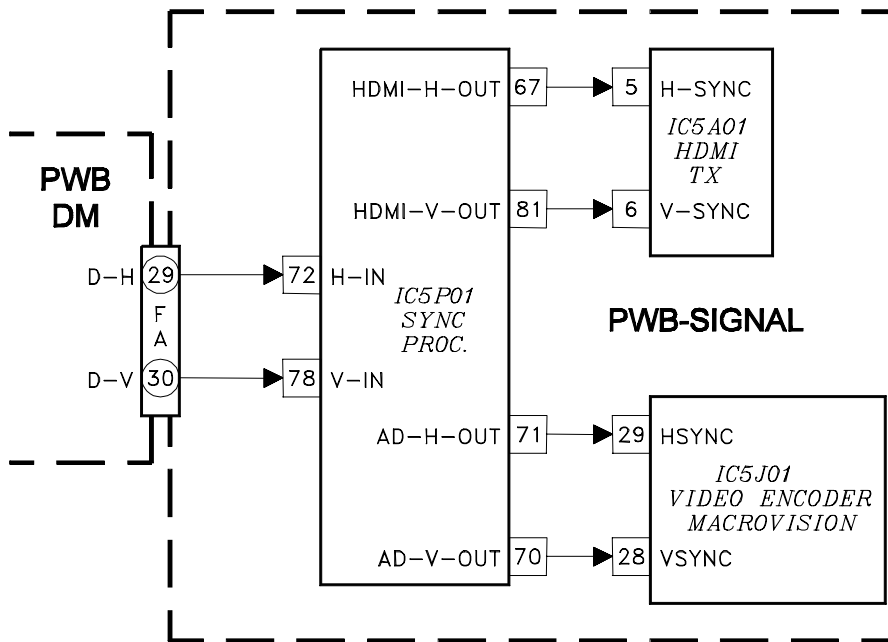
VIDEO OUTPUT CIRCUITRY



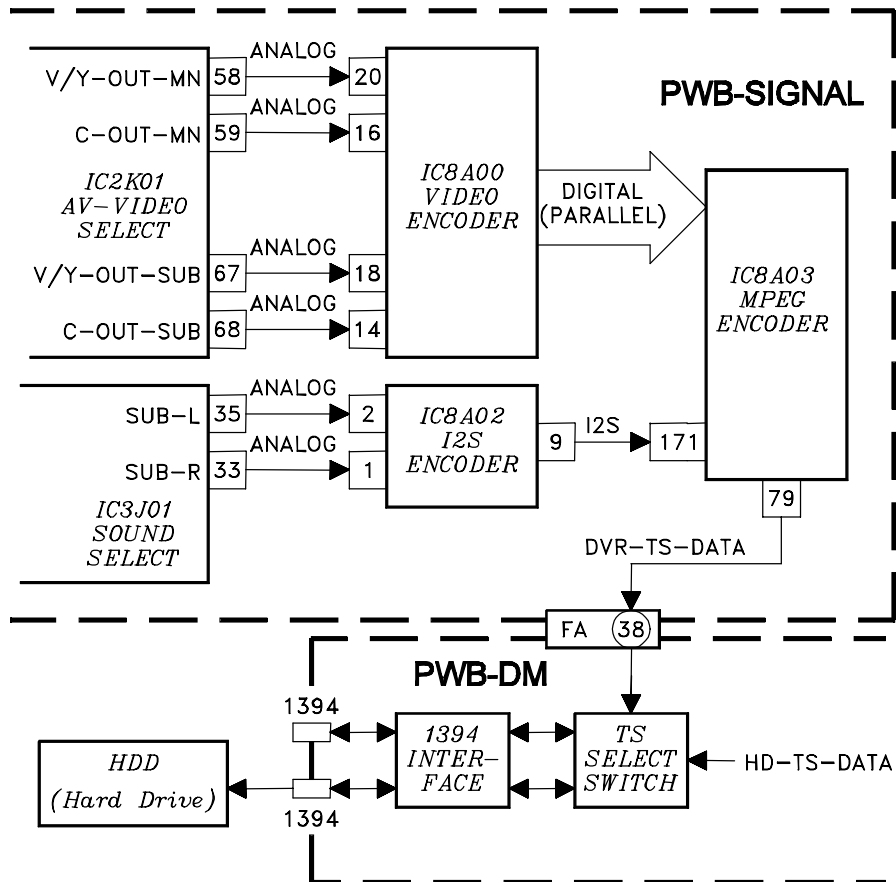
SYNC SIGNAL SELECTION



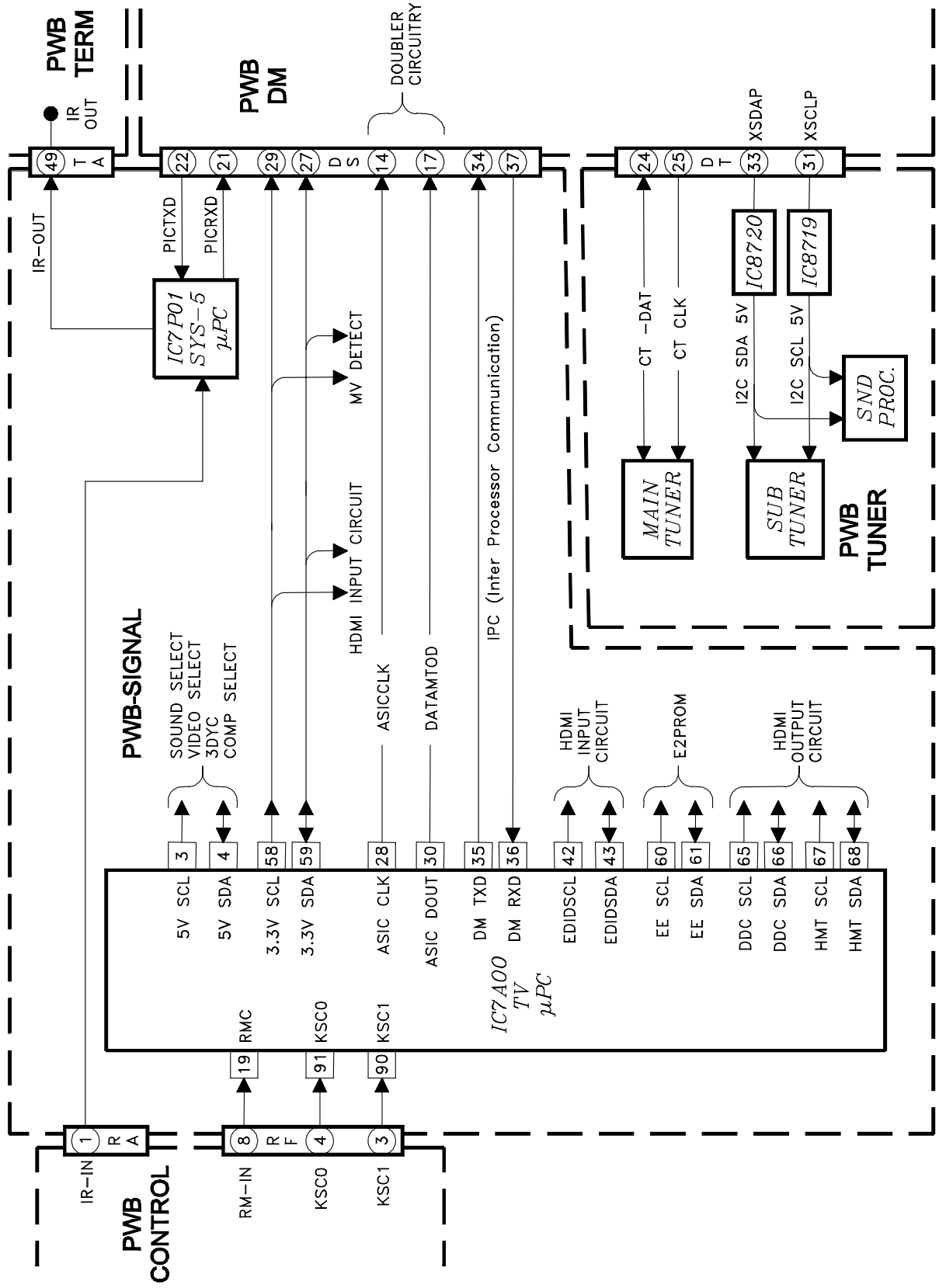
Sync Output Path



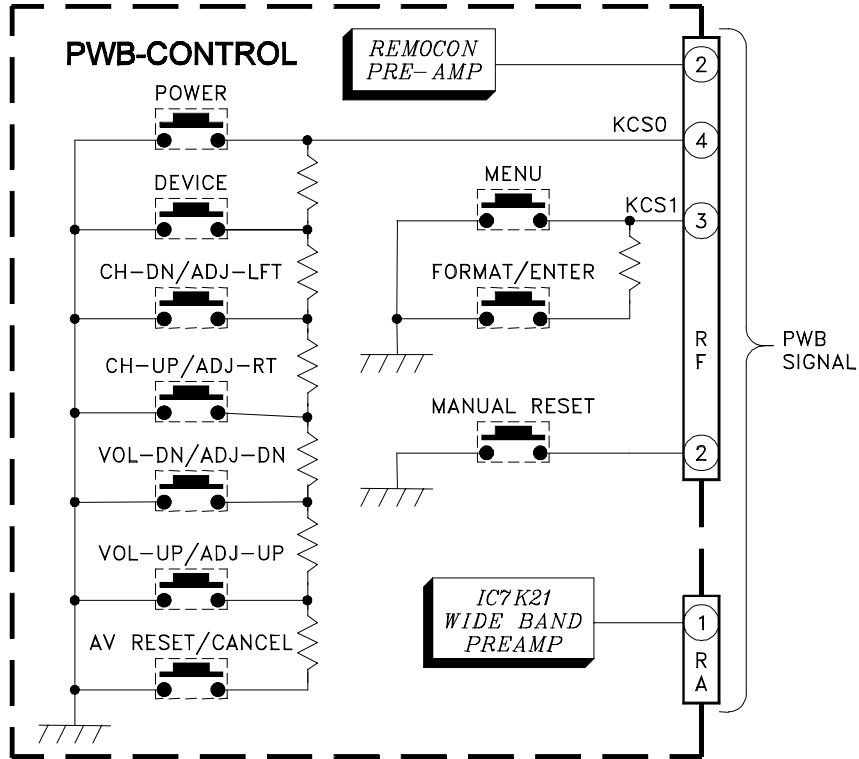
Record Signal Path



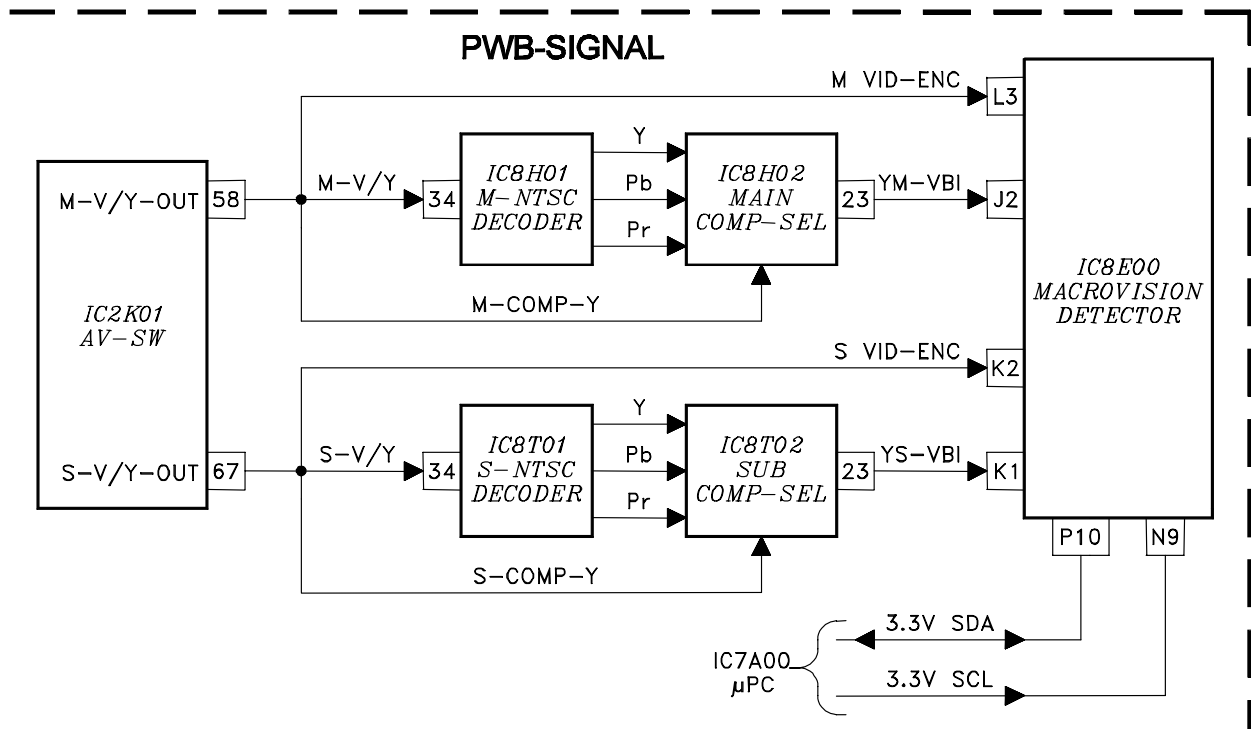
CONTROL CIRCUITRY



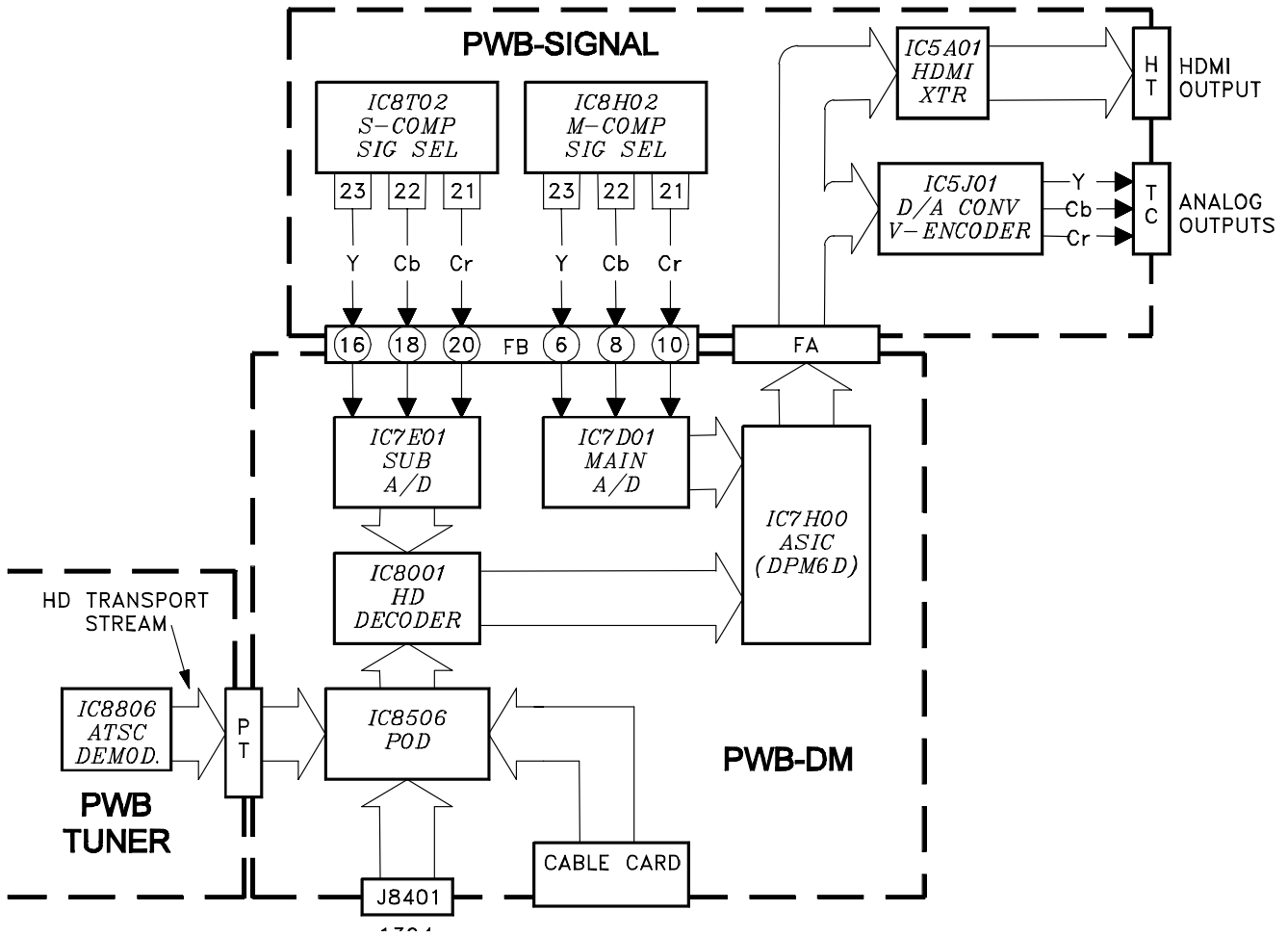
COMMAND INPUT CIRCUITRY



MACROVISION DETECTION



DM Signal Path





CAUTION:

Before servicing this chassis, it is important that the service person read the "SAFETY PRECAUTIONS" and "PRODUCT SAFETY NOTICE" contained in Part 1 of this manual.

PART 2 SCHEMATIC DIAGRAMS

CONTENTS	Page
Overall PWB Interconnect Diagram	1
POWER / E2P / CONTROL / SIGNAL-10 [MV DECODER]	2
TERMINAL-1 / TERMINAL-2	3
SIGNAL-1 [VIDEO SWITCH]	4
SIGNAL-2 [DECODER / SWITCH]	5
SIGNAL-3 [MICRO]	6
SIGNAL-4 [TVGO]	7
SIGNAL-5 [MPEG ENCODER]	8
SIGNAL-6 [HDMI RX]	9
SIGNAL-7 [HDMI RX]	10
SIGNAL-8 [VIDEO OUTPUT]	11
SIGNAL-9 [IR232]	12
TUNER-1 [ATSC / NTSC TUNER]	13
TUNER-2 [MAIN ATSC / NTSC DEMODULATORS]	14

Refer to Part 1 for:

- Specifications
- Safety Precautions
- Disassembly
- Electrical Adjustments
- Parts List
- Block Diagrams

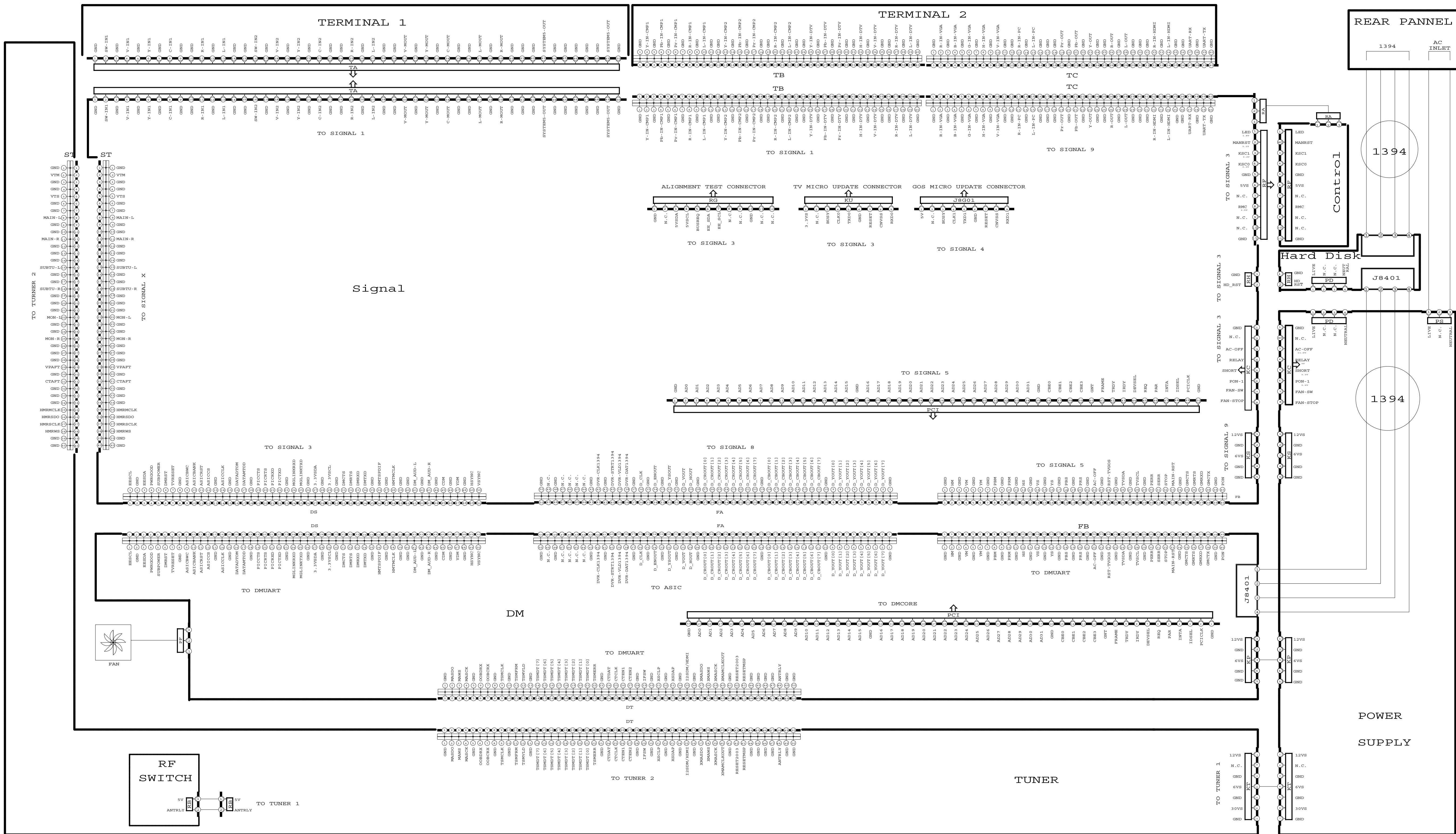
• Design specifications are subject to change without notice.

MITSUBISHI DIGITAL ELECTRONICS AMERICA, INC.

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- * NOTES**
- DC voltages were measured from points indicated to the circuit ground with a high-Z voltmeter.
 - Wave form were taken with standard color bar signal.
 - TV's also show test points.
 - CAPACITOR

Value	Not indicated	PF, for numbers more than 1	UF, for numbers less than 1
Dielectric strength	Not indicated	50V	
Tolerance	Not indicated = +/- 10%	No tolerance is indicated for electrolytic capacitor and +/- 20%	
Type	Parts except for chips	Not indicated	Ceramic capacitor
		[Symbol]	Polyester capacitor
II chips	Not indicated	[Symbol]	Polypropylene film capacitor
		[Symbol]	Aluminum electrolytic capacitor

Value	Not indicated	Ohm	K = 1,000 Ohm	M = 1,000,000 Ohm
Wattage	Parts except for chips	Not indicated = 1/4W or 1/10W		
Type	Parts except for chips	Not indicated	Carbon resistor	
		[Symbol]	Fixed composition resistor (Type B)	

Value	Not indicated	= +/- 5%	J = +/- 5%	K = +/- 10%
Tolerance	Not indicated			
Type	Parts except for chips	Not indicated	Carbon resistor	
		[Symbol]	Metal oxide film resistor (Type B)	

6. This is a basic schematic diagram. Some sets may be subject to modification according to engineering improvement.

SHADED COMPONENTS HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY BEFORE REPLACING ANY OF THESE COMPONENTS, READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THE SERVICE MANUAL. DON'T DEGRADE THE SAFETY OF THE RECEIVERS THROUGH IMPROPER SERVICING.

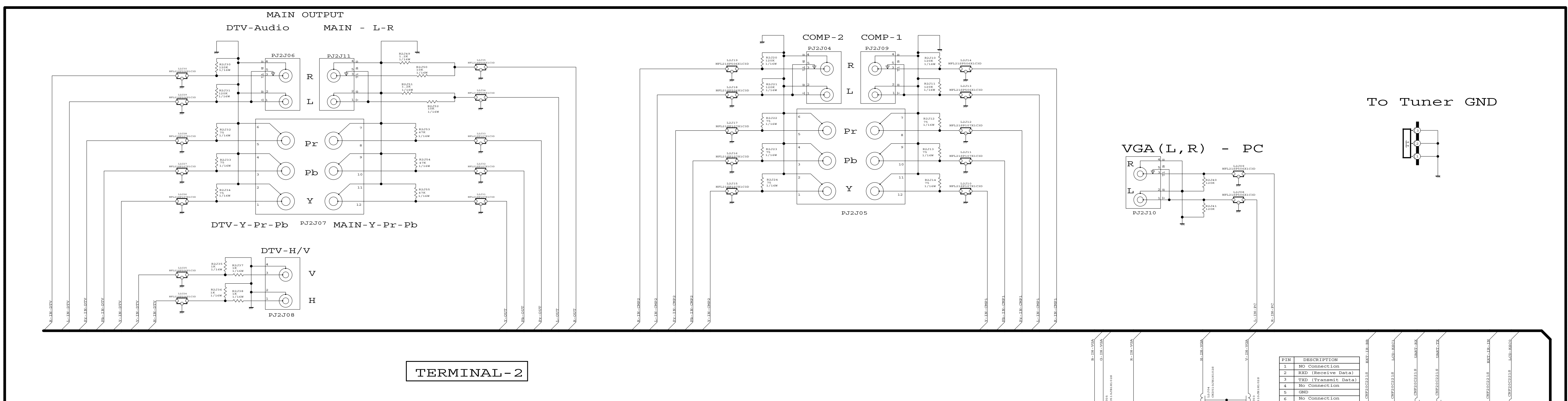
SERVICE TECHNICIAN WARNING:
X-RADIATION PRECAUTION
 THIS PRODUCT INCLUDES CRITICAL ELECTRICAL AND MECHANICAL PARTS ESSENTIAL FOR X-RADIATION PROTECTION TO AVOID POSSIBLE TO X-RADIATION TAKE RADIATION PROTECTIVE MEASURE FOR PERSONNEL DURING SERVICING. SEE SERVICE INSTRUCTION FOR SPECIFIED REPLACEMENT PARTS AND SERVICE ADJUSTMENTS.

CONTENTS

HD-6000 V26S

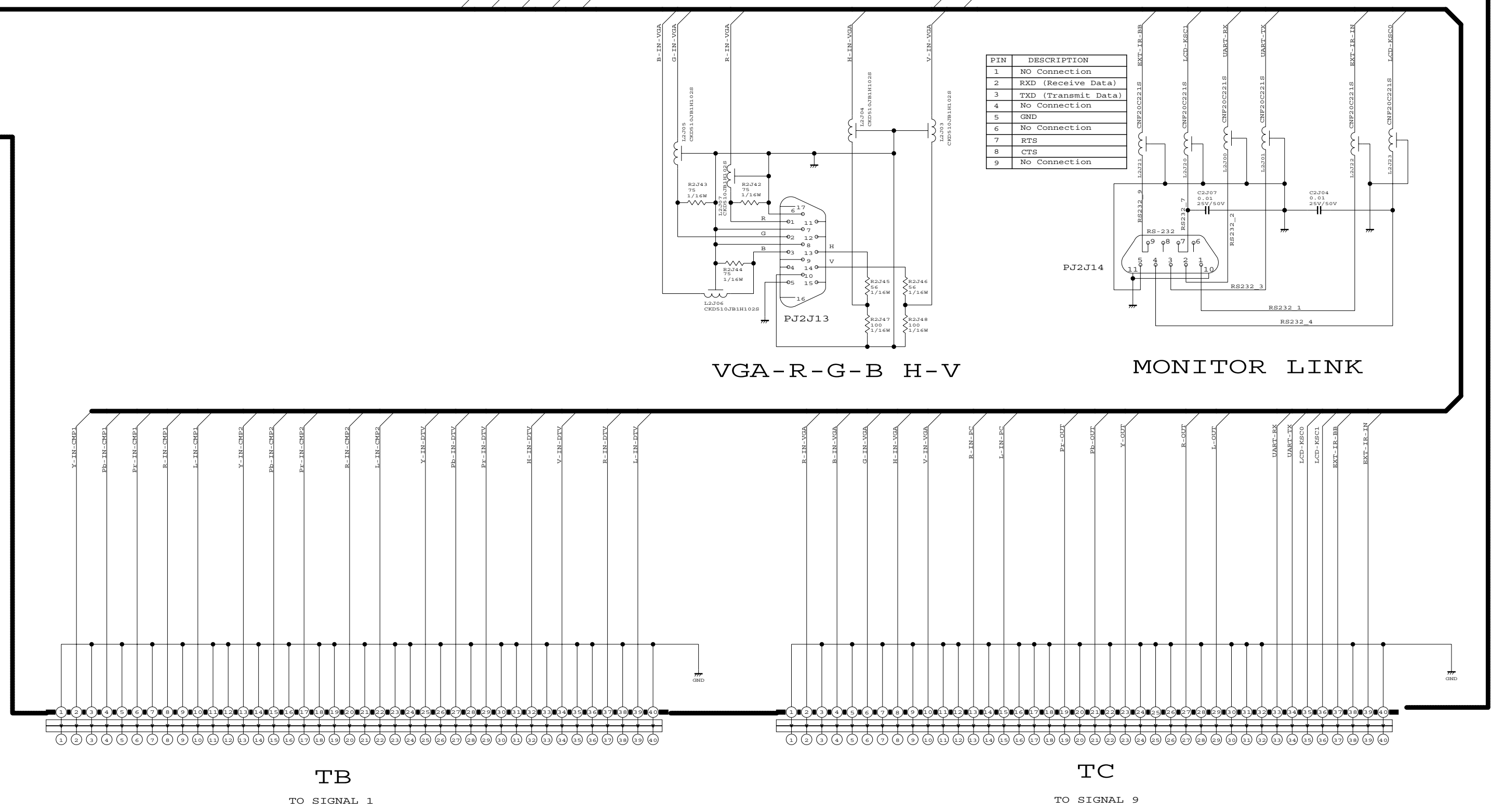
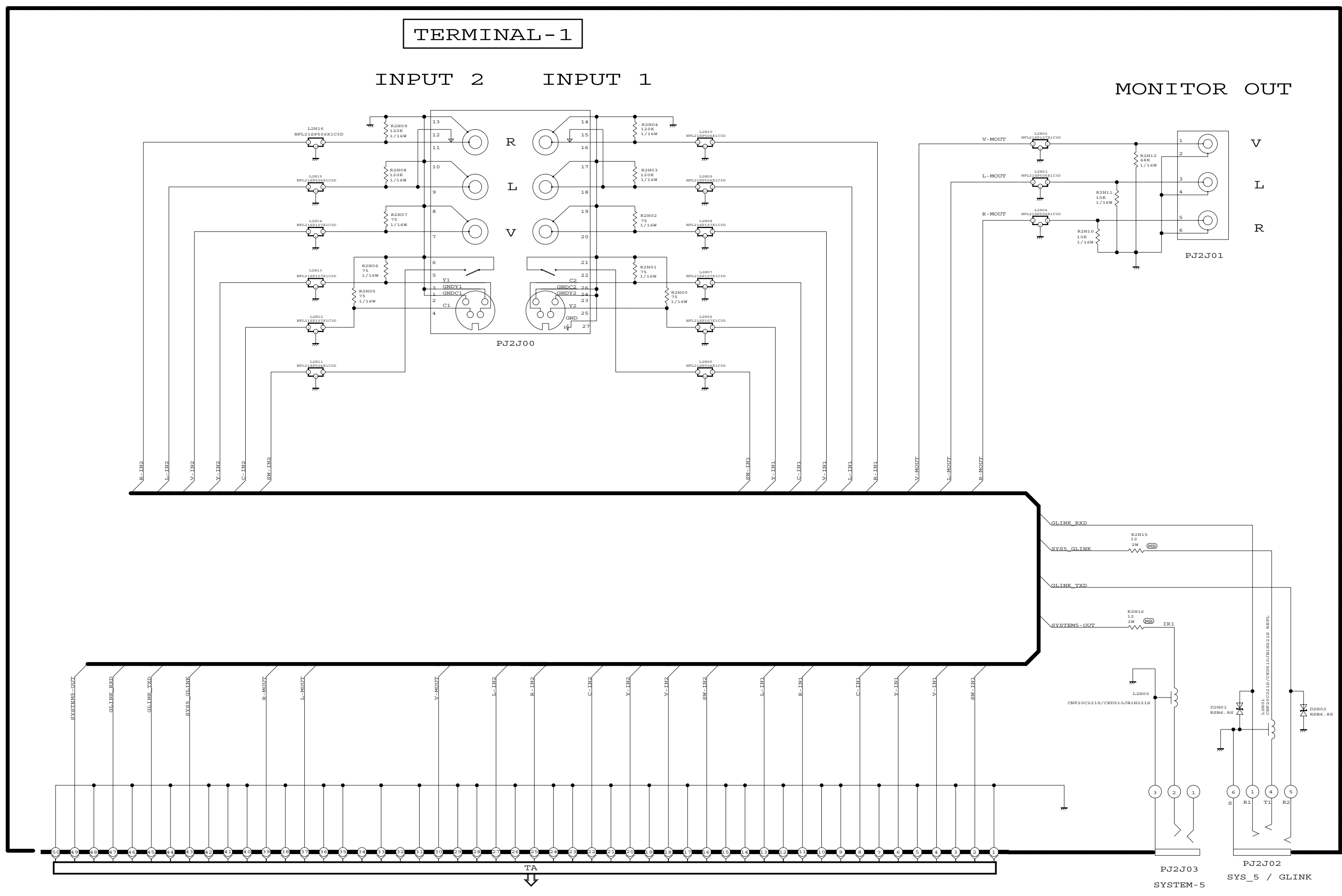
PG 1.....BLOCK	
PG 2.....POWER / EEP / CONTROL / SIGNAL 10 (MV DECODER)	
PG 3.....TERMINAL1 / TERMINAL 2	
PG 4.....SIGNAL1 (VIDEO SWITCH)	
PG 5.....SIGNAL2 (DECODER / SWITCH)	
PG 6.....SIGNAL3 (MICRO)	
PG 7.....SIGNAL4 (TVOO)	
PG 8.....SIGNAL5 (MPRG ENCODER)	
PG 9.....SIGNAL6 (HDMI RX)	
PG 10.....SIGNAL7 (HDMI TX)	
PG 11.....SIGNAL8 (VIDBO OUTPUT)	
PG 12.....SIGNAL9 (IR232)	
PG 13.....TUNER1 (ATSC/NTSC TUNER)	
PG 14.....TUNER2 (MAIN ATSC/NTSC DEMOD)	

PAGE 1



TERMINAL-2

Pin	Description
1	No Connection
2	RxD (Receiving Data)
3	TxD (Transmit Data)
4	No Connection
5	GNL
6	No Connection
7	RTS
8	CTS
9	No Connection

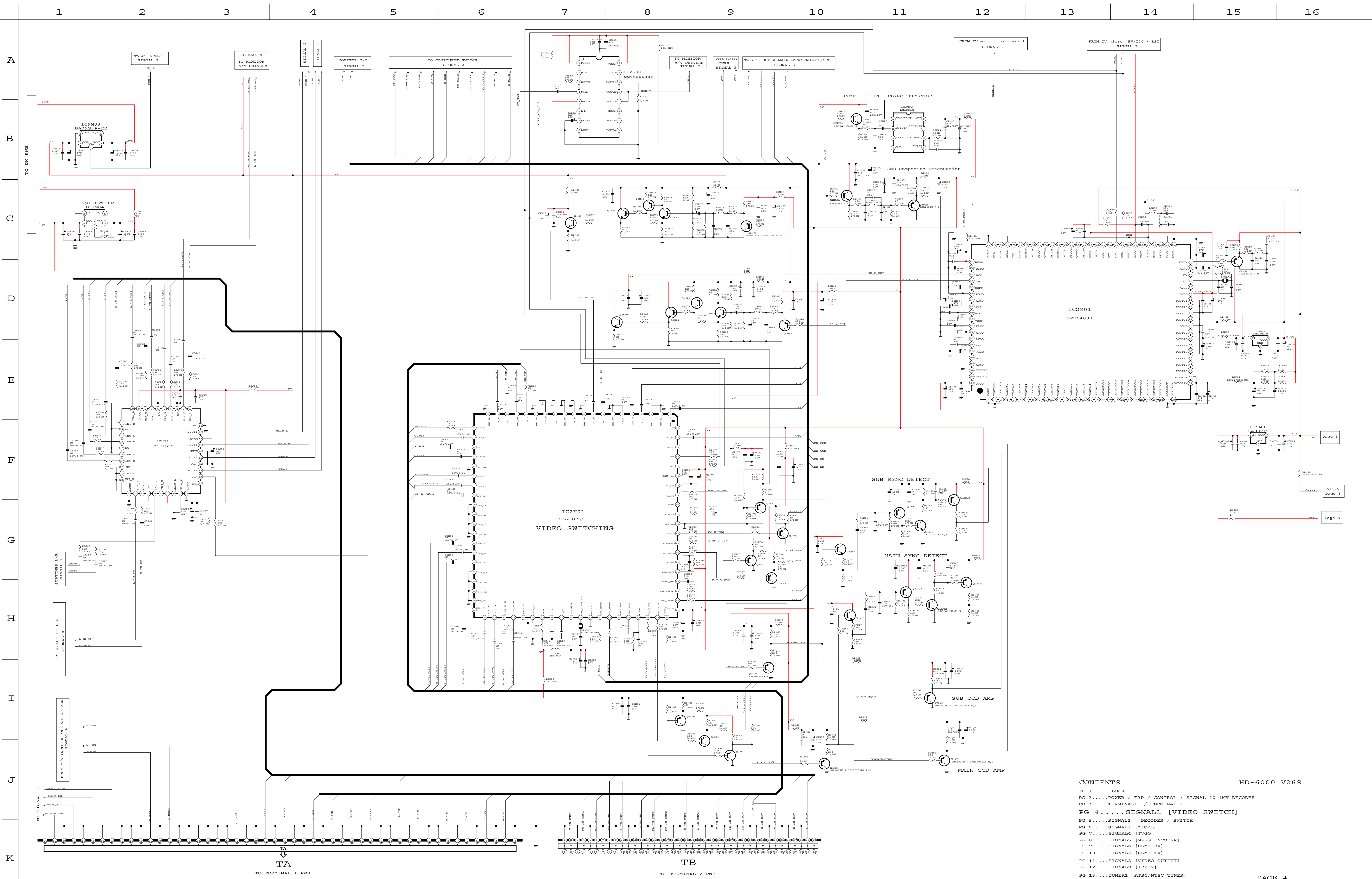


TB
TO SIGNAL 1

TC
TO SIGNAL 9

CONTENTS HD-6000 V26S

PG 1....BLOCK
PG 2....POWER / E2P / CONTROL / SIGNAL 10 (MV DECODER)
PG 3....**TERMINAL1 / TERMINAL 2**
PG 4....SIGNAL1 (VIDEO SWITCH)
PG 5....SIGNAL2 (DECODER / SWITCH)
PG 6....SIGNAL3 (MICRO)
PG 7....SIGNAL4 (TVGO)
PG 8....SIGNAL5 (MPEG ENCODER)
PG 9....SIGNAL6 (HDMI RX)
PG 10....SIGNAL7 (HDMI TX)
PG 11....SIGNAL8 (VIDEO OUTPUT)
PG 12....SIGNAL9 (IR32)
PG 13....TUNER1 (ATSC/NTSC TUNER)
PG 14....TUNER2 (MAIN ATSC/NTSC DEMOD)

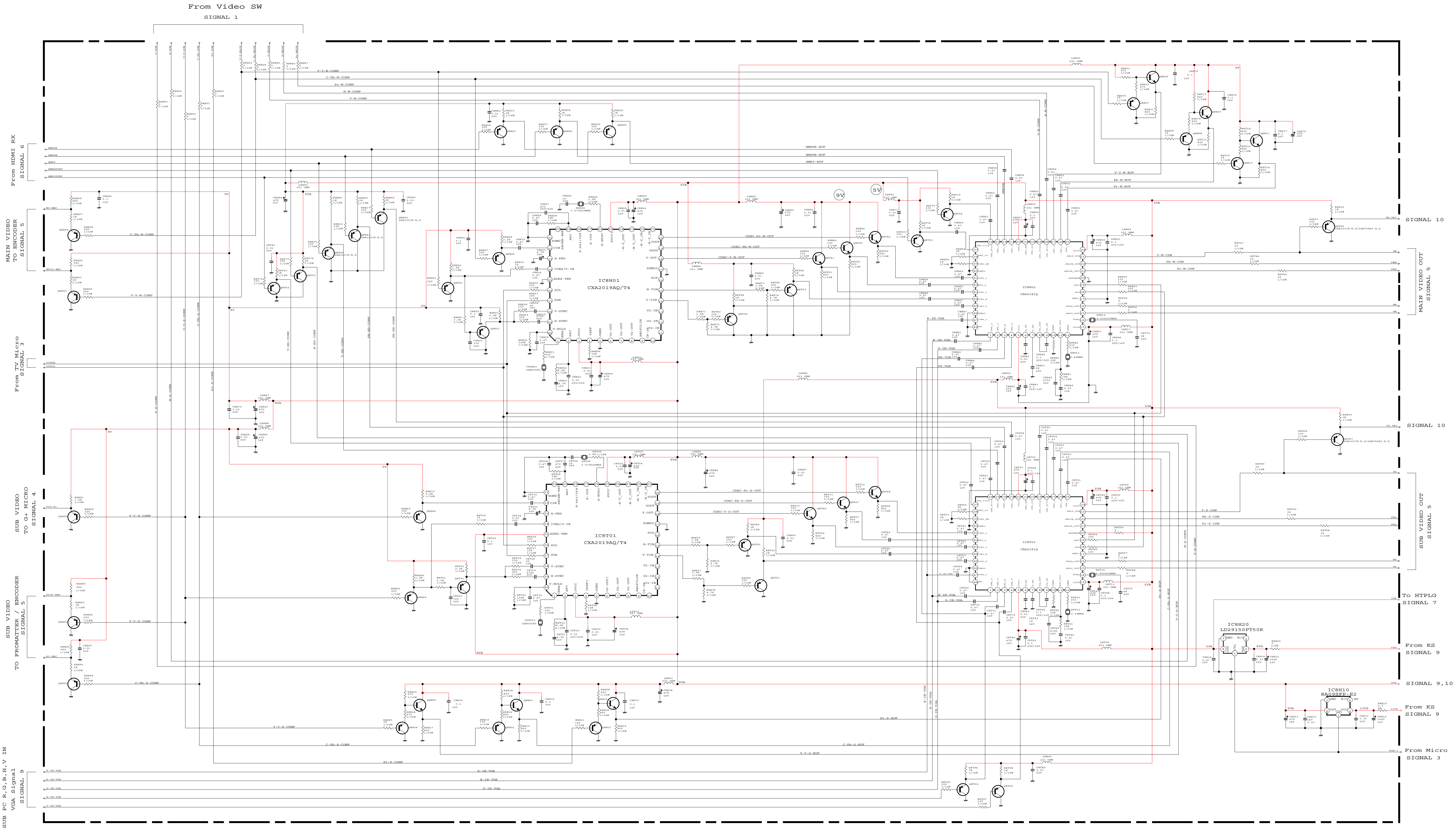


CONTENTS

PG 1	....BLOCK
PG 2	....POWER / E2P / CONTROL / SIGNAL 10 [MV DECODER]
PG 3	....TERMINAL1 / TERMINAL 2
PG 4	....SIGNAL1 [VIDEO SWITCH]
PG 5	....SIGNAL2 [DECODER / SWITCH]
PG 6	....SIGNAL3 [MICRO]
PG 7	....SIGNAL4 [TVGG]
PG 8	....SIGNAL5 [MPEG ENCODER]
PG 9	....SIGNAL6 [HDMI RX]
PG 10	....SIGNAL7 [HDMI TX]
PG 11	....SIGNAL8 [VIDEO OUTPUT]
PG 12	....SIGNAL9 [IR232]
PG 13	....TUNER1 [ATSC/NTSC TUNER]
PG 14	....TUNER2 [MAIN ATSC/NTSC DEMOD]

HD-6000 V26S

A
B
C
D
E
F
G
H
I
J
K



HD-6000 V26S

CONTENTS

PG 1....BLOCK

PG 2....POWER / E2F / CONTROL / SIGNAL 10 [MV DECODER]

PG 3....TERMINAL1 / TERMINAL 2

PG 4....SIGNAL1 [VIDEO SWITCH]

PG 5....SIGNAL2 [DECODER / SWITCH]

PG 6....SIGNAL3 [MICRO]

PG 7....SIGNAL4 [TVGO]

PG 8....SIGNAL5 [MPEG ENCODER]

PG 9....SIGNAL6 [HDMI RX]

PG 10....SIGNAL7 [HDMI TX]

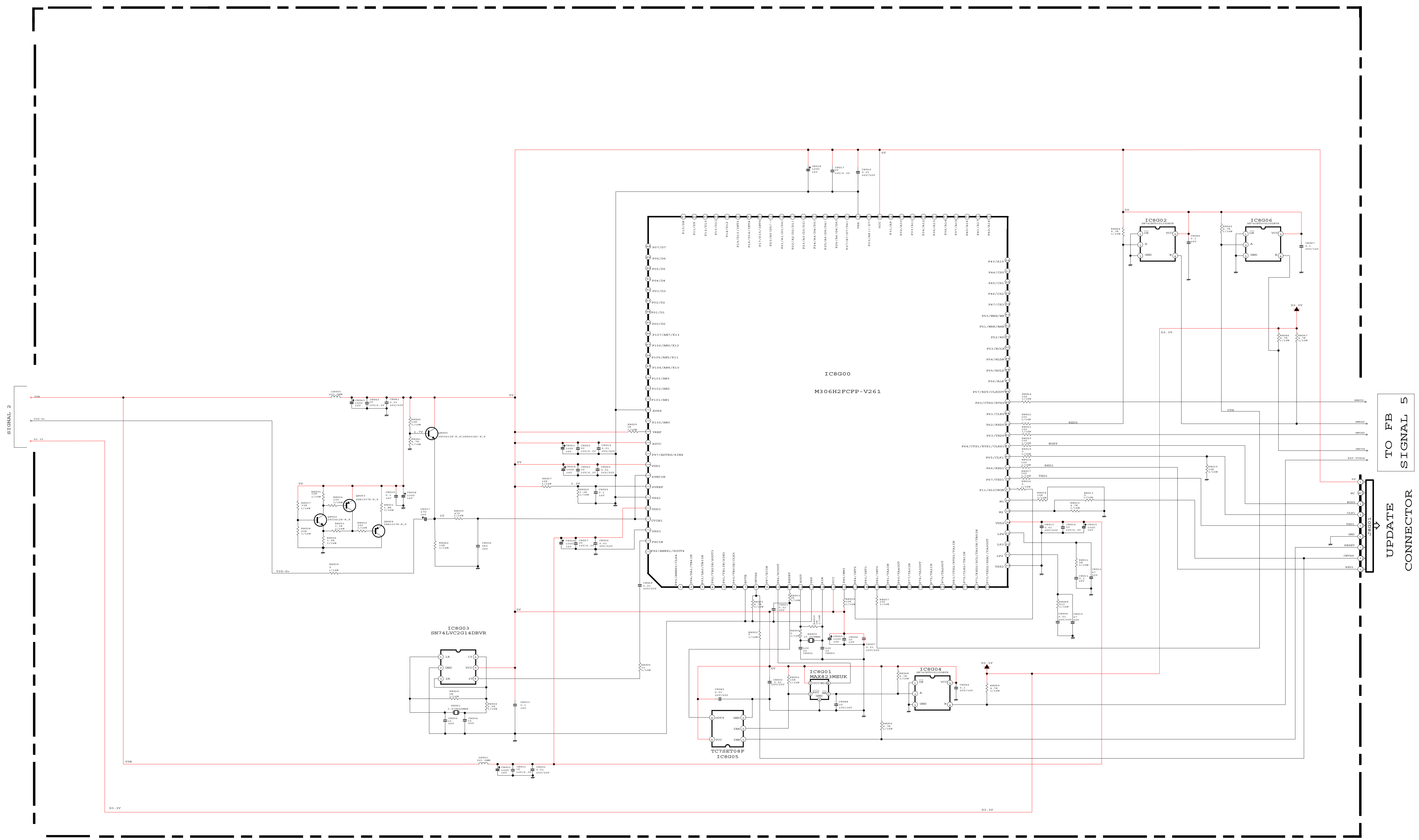
PG 11....SIGNAL8 [VIDEO OUTPUT]

PG 12....SIGNAL9 [IR232]

PG 13....TUNER1 [ATSC/NTSC TUNER]

PG 14....TUNER2 [MAIN ATSC/NTSC DEMOD]

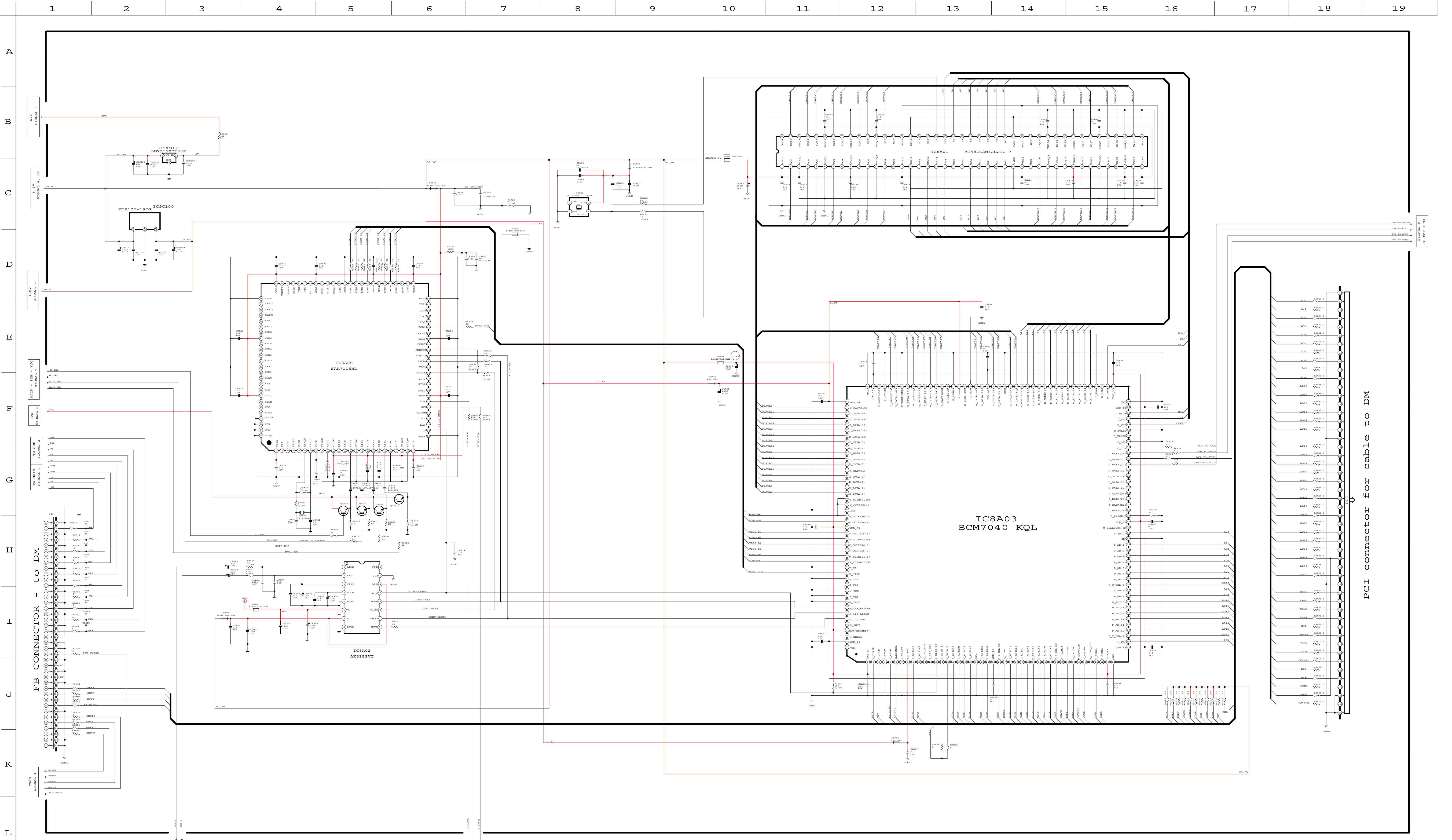
PAGE 5



CONTENTS

HD-6000 V26S

PG 1.....BLOCK
PG 2.....POWER / E2P / CONTROL / SIGNAL 10 [MV DECODER]
PG 3.....TERMINAL1 / TERMINAL 2
PG 4.....SIGNAL1 [VIDEO SWITCH]
PG 5.....SIGNAL2 [DECODER / SWITCH]
PG 6.....SIGNAL3 [MICRO]
PG 7.....SIGNAL4 [TVGO]
PG 8.....SIGNAL5 [MPEG ENCODER]
PG 9.....SIGNAL6 [HDMI RX]
PG 10.....SIGNAL7 [HDMI TX]
PG 11.....SIGNAL8 [VIDEO OUTPUT]
PG 12.....SIGNAL9 [IR232]
PG 13.....TUNER1 [ATSC/NTSC TUNER]
PG 14.....TUNER2 [MAIN ATSC/NTSC DEMOD]

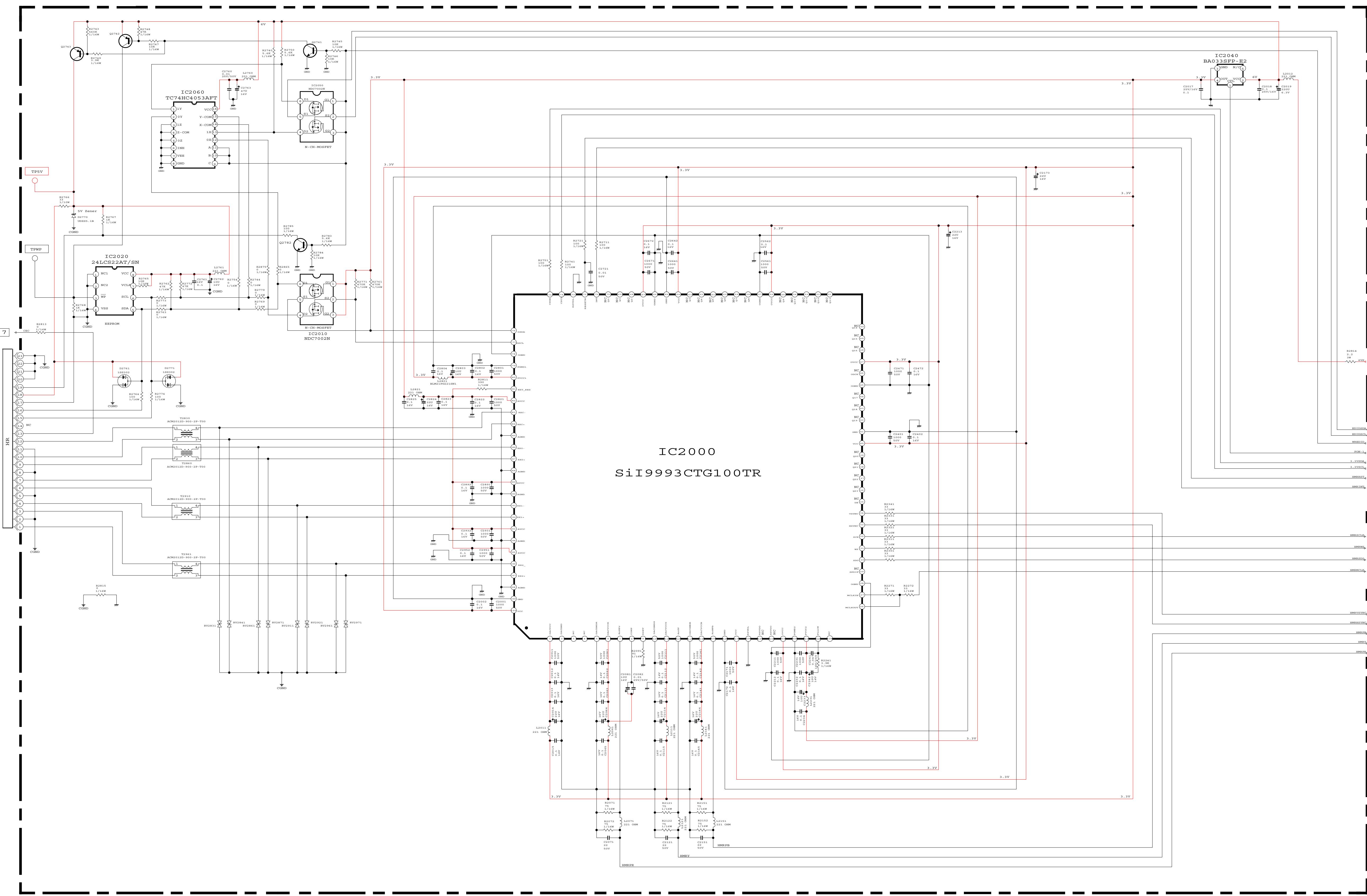


CONTENTS

PG 3.....BLOCK	HD-6000 V26S
PG 2.....POWER / EFP / CONTROL / SIGNAL 10 (DV DECODER)	
PG 3.....TERMINAL1 / TERMINAL 2	
PG 4.....SIGNAL1 (VIDEO SWITCH)	
PG 5.....SIGNAL2 (DECODER / SWITCH)	
PG 6.....SIGNAL3 (MICRO)	
PG 7.....SIGNAL4 (TVGG)	
PG 8.....SIGNAL5 [MPEG ENCODER]	
PG 9.....SIGNAL6 [HDMI RX]	
PG 10.....SIGNAL7 [HDMI TX]	
PG 11.....SIGNAL8 [VIDEO OUTPUT]	
PG 12.....SIGNAL9 [I2D32]	
PG 13.....TUNER1 [ATSC/NTSC TUNER]	
PG 14.....TUNER2 [MAIN ATSC/NTSC DEMOD]	

PCI connector for cable to DM

Pin	Signal Assignment
1	T.M.D.S. Data 2+
2	T.M.D.S. Data 2 Shield
3	T.M.D.S. Data 2-
4	T.M.D.S. Data 1+
5	T.M.D.S. Data 1 Shield
6	T.M.D.S. Data 1-
7	T.M.D.S. Data 0+
8	T.M.D.S. Data 0 Shield
9	T.M.D.S. Data 0-
10	T.M.D.S. Clock
11	T.M.D.S. Clock Shield
12	T.M.D.S. Clock
13	CDC
14	Reserve
15	DDC Clock
16	DDC Data
17	Ground (return for +5V)
18	+5V Power
19	Hot Plug Detect
Shell	PG
(20)	Location Post (GND)
(21)	Location Post (GND)
(22)	Location Post (GND)
(23)	Location Post (GND)

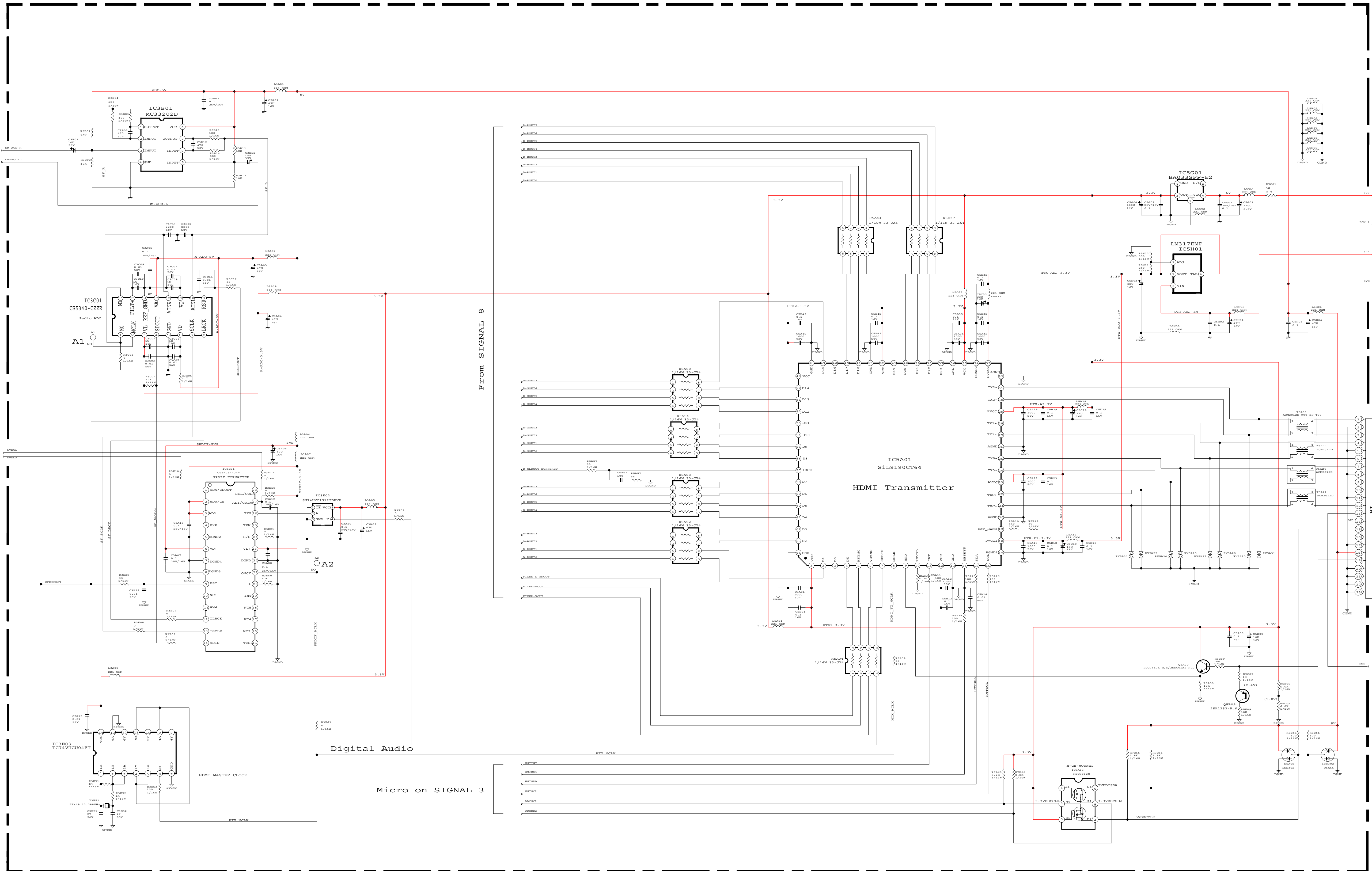


SIGNAL 9

SIGNAL 3 To Micro

SIGNAL 9 SA Connector

SIGNAL 2 To Video SW



From SIGNAL 9
From Micro SIGNAL 3
From SIGNAL 2
From SIGNAL 9

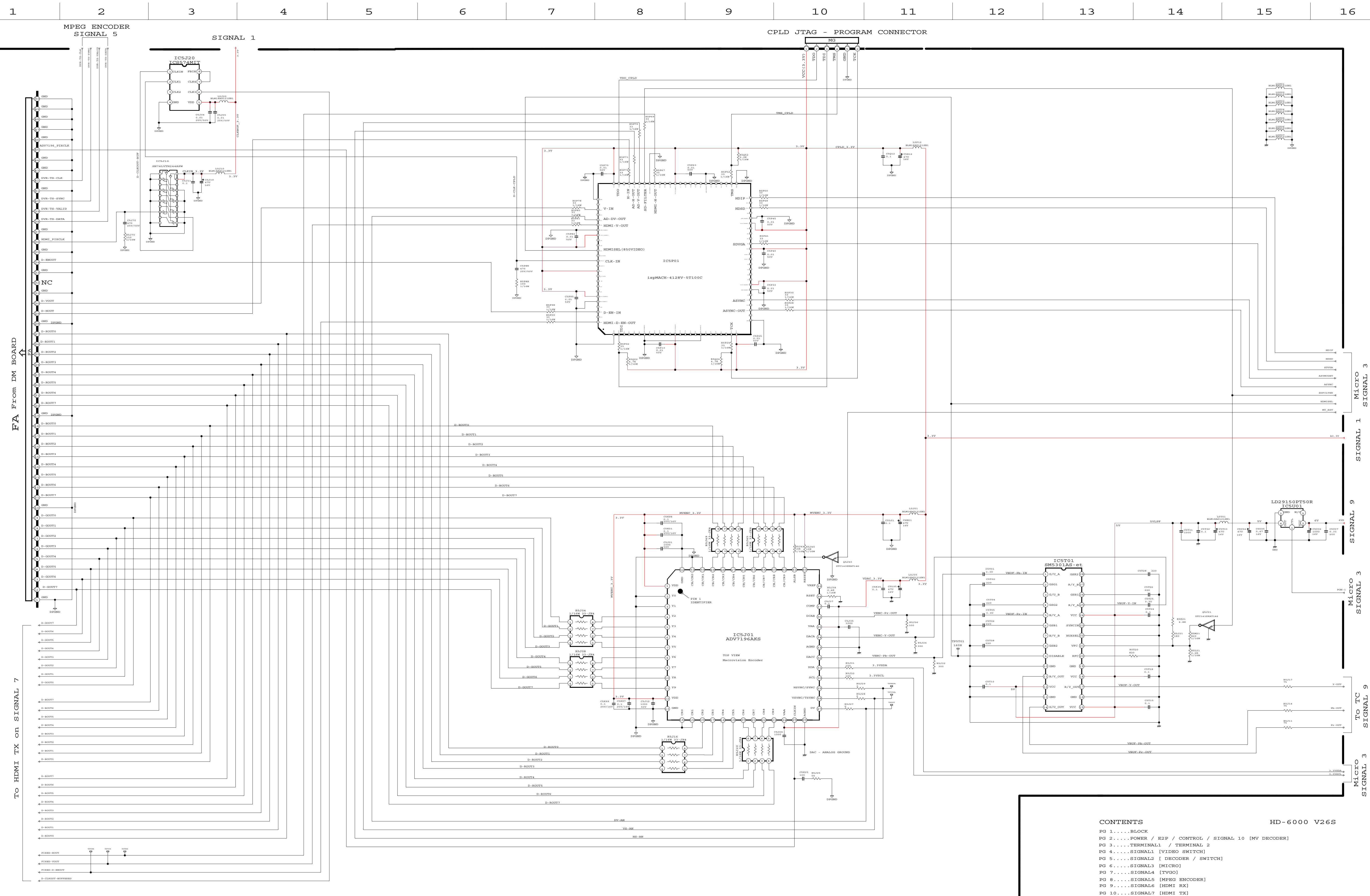
PIN	Signal assignment
1	T.M.D.S. Data 2+
2	T.M.D.S. Data 2 Shield
3	T.M.D.S. Data 2-
4	T.M.D.S. Data 1+
5	T.M.D.S. Data 1 Shield
6	T.M.D.S. Data 1-
7	T.M.D.S. Data 0+
8	T.M.D.S. Data 0 Shield
9	T.M.D.S. Data 0-
10	T.M.D.S. Clock+
11	T.M.D.S. Clock Shield
12	T.M.D.S. Clock-
13	CBC
14	Reserve
15	DDC Clock
16	DDC Data
17	Ground (return for +5V, +5V Power)
18	+5V Power
19	Hot Plug Detect
Shell PG	
(20)	Location Post (GND)
(21)	Location Post (GND)
(22)	Location Post (GND)
(23)	Location Post (GND)

SIGNAL 6

CONTENTS

HD-6000 V26S

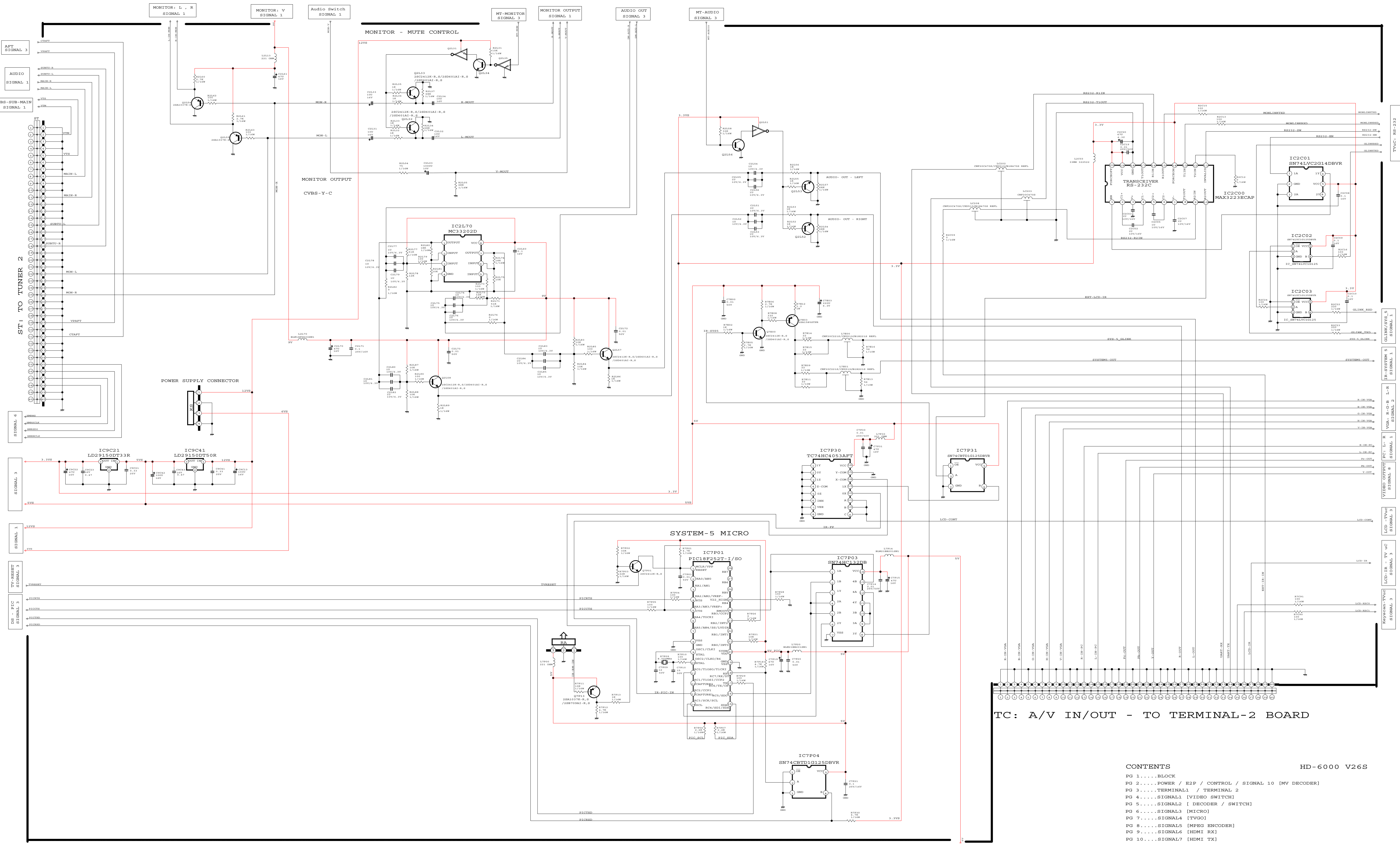
PG 1....BLOCK
 PG 2....POWER / E2P / CONTROL / SIGNAL 10 [MV DECODER]
 PG 3....TERMINAL1 / TERMINAL 2
 PG 4....SIGNAL1 [VIDEO SWITCH]
 PG 5....SIGNAL2 [DECODER / SWITCH]
 PG 6....SIGNAL3 [MICRO]
 PG 7....SIGNAL4 [TVCO]
 PG 8....SIGNAL5 [MPRG ENCODER]
 PG 9....SIGNAL6 [HDMI RX]
 PG 10....SIGNAL7 [HDMI TX]
 PG 11....SIGNAL8 [VIDEO OUTPUT]
 PG 12....SIGNAL9 [IR232]
 PG 13....TUNER1 [ATSC/NTSC TUNER]
 PG 14....TUNER2 [MAIN ATSC/NTSC DEMOD]



HD-6000 V26S

CONTENTS

- PG 1....BLOCK
- PG 2....POWER / EEP / CONTROL / SIGNAL 10 (MV DECODER)
- PG 3....TERMINAL1 / TERMINAL 2
- PG 4....SIGNAL1 (VIDEO SWITCH)
- PG 5....SIGNAL2 [DECODER / SWITCH]
- PG 6....SIGNAL3 (MICRO)
- PG 7....SIGNAL4 [TVGO]
- PG 8....SIGNAL5 [MPEG ENCODER]
- PG 9....SIGNAL6 (HDMI RX)
- PG 10....SIGNAL7 (HDMI TX)
- PG 11....SIGNAL8 [VIDEO OUTPUT]
- PG 12....SIGNAL9 [IR232]
- PG 13....TUNER1 [ATSC/NTSC TUNER]
- PG 14....TUNER2 [MAIN ATSC/NTSC DEMOD]



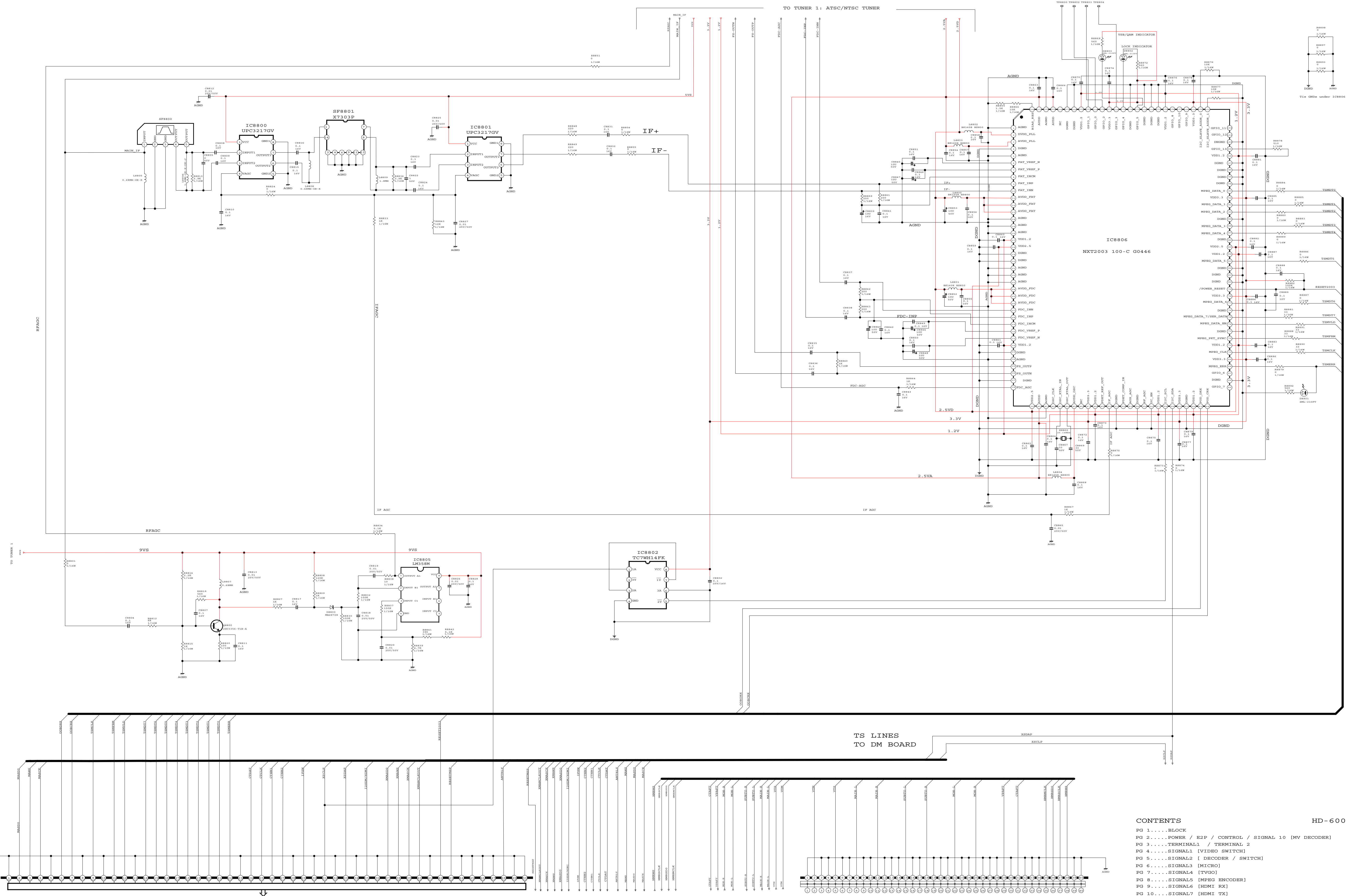
TC: A/V IN/OUT - TO TERMINAL-2 BOARD

CONTENTS

- PG 1....BLOCK
- PG 2....POWER / E2P / CONTROL / SIGNAL 10 (MV DECODER)
- PG 3....TERMINAL1 / TERMINAL 2
- PG 4....SIGNAL1 [VIDEO SWITCH]
- PG 5....SIGNAL2 [DECODER / SWITCH]
- PG 6....SIGNAL3 [MICRO]
- PG 7....SIGNAL4 [VIDEO]
- PG 8....SIGNAL5 [MPEG ENCODER]
- PG 9....SIGNAL6 [HDMI RX]
- PG 10....SIGNAL7 [HDMI TX]
- PG 11....SIGNAL8 [VIDEO OUTPUT]
- PG 12....SIGNAL9 [IR232]
- PG 13....TUNER1 [ATSC/NTSC TUNER]
- PG 14....TUNER2 [MAIN ATSC/NTSC DEMOD]

HD-6000 V26S

A
B
C
D
E
F
G
H
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HD-6000 V26S

PG 1.....BLOCK
PG 2.....POWER / E2P / CONTROL / SIGNAL 10 [MV DECODER]
PG 3.....TERMINAL1 / TERMINAL 2
PG 4.....SIGNAL1 [VIDEO SWITCH]
PG 5.....SIGNAL2 [DECODER / SWITCH]
PG 6.....SIGNAL3 [MICRO]
PG 7.....SIGNAL4 [TVGO]
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PG 9.....SIGNAL6 [HDMI RX]
PG 10.....SIGNAL7 [HDMI TX]
PG 11.....SIGNAL8 [VIDEO OUTPUT]
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