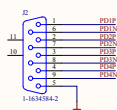
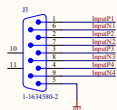


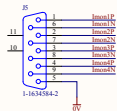
PHOTODIODE OUTPUTS



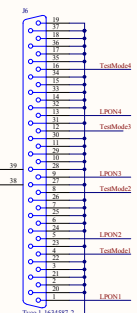
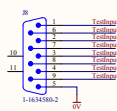
DEMANDS



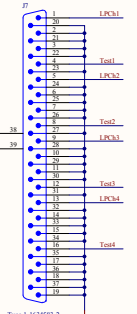
CURRENT SOURCE MONITORS



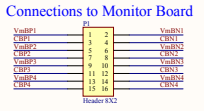
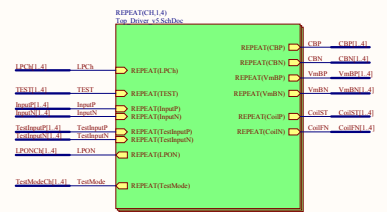
Front Panel Test Inputs



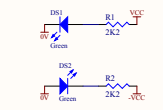
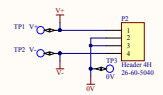
Relay Monitors D Connector 37 Way Female



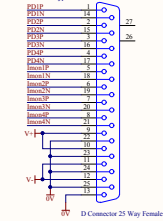
Relay Commands D Connector 37 Way Male



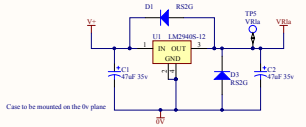
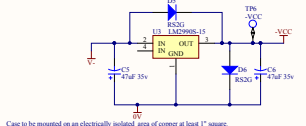
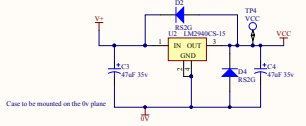
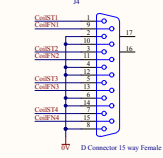
Power connection to rear panel



FROM SATELLITE BOX

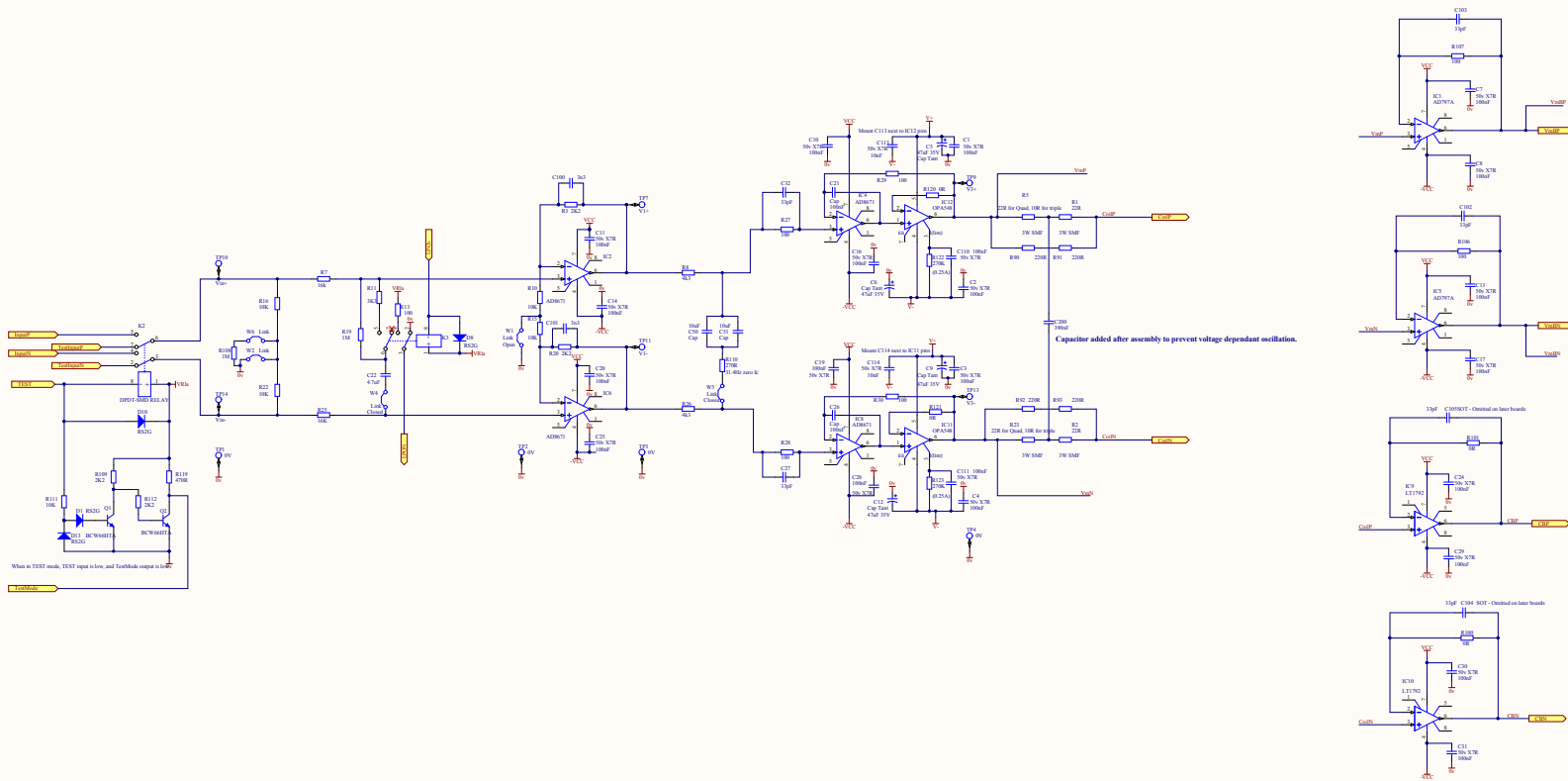


TO SATELLITE BOX



History
 Revision is changed to D0902747_v5
 (1) IC4 and IC8 has been replaced from AD797 to AD8671.

Title			
TOP BOARD - Production			
Size	Number	D0902747	Revision 9
C			
Date	07/20/2011	Sheet 4 of 4	
File	C:\Users\Top_Round\Sch\Doc	Thyana.Bv.	Ben Kuller



TOP DRIVER CHANNEL - Production			
Doc ID	Number	Revision	9
D0902747			
Doc	02/01/11	Doc	02/01/11
Doc	02/01/11	Doc	02/01/11

Comment	Description	Designator	Footprint	LibRef	Quantity
T491X	Capacitor, Tantalum, Solid Tantalum Chip Capacitor, Standard T491 Series - Industrial Grade, Solid Tantalum Chip Capacitor, Standard T491 Series - Industrial Grade, Solid Tantalum Chip Capacitor, Standard T491 Series - Industrial Grade, Capacitor, Tantalum, Solid Tantalum Chip Capacitor, Standard T491 Series - Industrial Grade	C1, C2, C3, C4, C5, C6	X	T491X	6
RS2G	Diode	D1, D2, D3, D4, D5, D6	SMB	Diode	6
Green	LED	DS1, DS2	LED-1	LED1	2
D Connector 25 Way Female	Receptacle Assembly, 25 Position, Right Angle	J1	DSUB1.385-2H25A	D Connector 25	1
1-1634584-2	Receptacle Assembly, 9 Position, Right Angle	J2, J5	DSUB1.385-2H9	D Connector 9	2
1-1634580-2	Plug Assembly, Size 1, 9 Position, Right Angle, Tyco	J3, J8		788754-1	2
D Connector 15 way Female	Receptacle Assembly, 15 Position, Right Angle	J4	DSUB1.385-2H15	D Connector 15	1
DB37F	DB37 connector	J6	DB37RA/F	DB37F	1
DB37M	DB37 connector	J7	DB37RA/M	DB37M	1
Header 8X2	Header, 8-Pin, Dual row	P1	HDR2X8	Header 8X2	1
Header 4H	Header, 4-Pin, Right Angle	P2	HEADER4	Header 4H	1
2K2		R1, R2	1206	RES1	2
V+	Tie Point	TP1	TP_SMT	TIE_POINT	1
V-	Tie Point	TP2	TP_SMT	TIE_POINT	1
0V	Tie Point	TP3	TP_SMT	TIE_POINT	1
VCC	Tie Point	TP4	TP_SMT	TIE_POINT	1
VR1a	Tie Point	TP5	TP_SMT	TIE_POINT	1
-VCC	Tie Point	TP6	TP_SMT	TIE_POINT	1
LM2940S-12	1A Low-Dropout Regulator	U1	TS3B	LM2940S-12	1
LM2940CS-15	1A Low-Dropout Regulator	U2	TS3B	LM2940S-12	1
LM2990S-15	Negative Low-Dropout	U3	TS3B	LM2990S-15	1