

MANUAL DE SERVIÇO

TELEVISORES LCD

MODELOS: TV LED 32L2300 / 39L2300 TOSHIBA

ESPECIFICAÇÕES

Tensão de rede:	-----	110 - 220V ~ (60 Hz) automático.
Potência nominal:	----- 32L2300 -----	44 W
	39L2300 -----	75 W
Consumo Stand by	----- (Todos os modelos):-----	< 1 W
Potência de áudio:	----- (Todos os modelos):-----	10 W + 10 W (RMS) / 8 ohm
Resolução	----- 32L2300 -----	1366 x 768
	39L2300 -----	1920 x 1080
Contraste	----- 32L2300 -----	1.200 x 1
	39L2300 -----	3.000 x 1
Brilho	----- (Todos os modelos):-----	300 cd/m ²
Tempo de Resposta	----- 32L2300 -----	8,0 ms
	39L2300 -----	9,0 ms
Peso	----- 32L2300 -----	4,9 Kg
	39L2300 -----	6,6 Kg
Dimensões (L x A x P)	----- 32L2300 (Sem pedestal)-----	734x543x180 (734x478x66)
	39L2300 (Sem pedestal)-----	889x629x180 (889x564x66)
Controle Remoto	----- (Todos os modelos):-----	CT-90434

Condições de funcionamento Temperatura: 0 ~ 35°C Umidade: 20 ~ 80% sem condensação.

Sintonizador Analógico

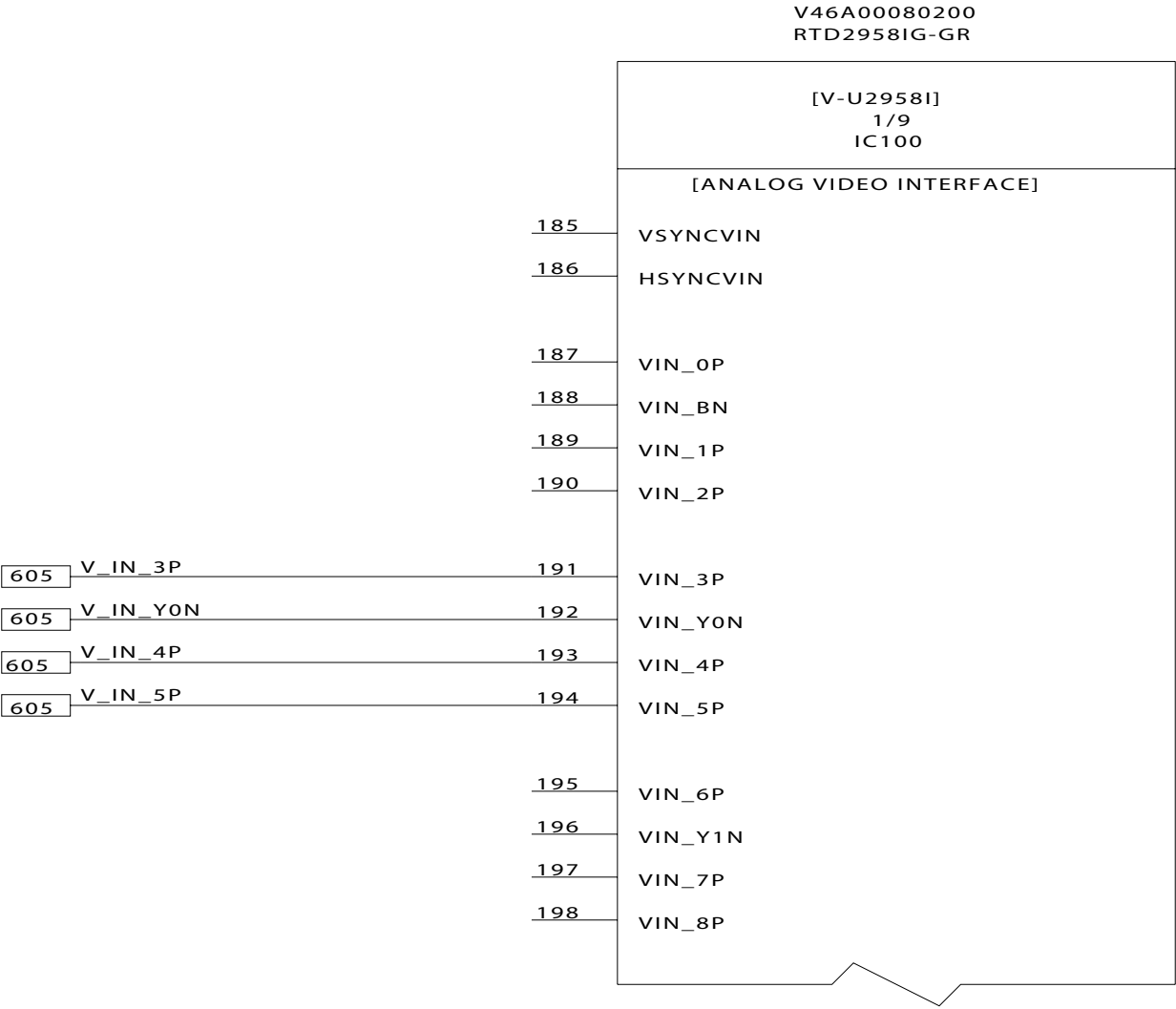
Impedância de entrada de antena:	-----	75 ohm-tipo desbalanceada para VHF/UHF/CABO
Sistema de sintonia:	-----	F.S. (Frequency synthesizer)- PLL
Sistema de televisão:	-----	Padrão M-525 linhas
Canais de recepção:	-----	<u>Faixa I-Canais 2 a 6</u> ----- OFF AIR-55,25 MHz a 83,25 MHz-VHF 2 a 6
	-----	CABO-73,25 MHz a 127,25 MHz
	-----	<u>Faixa II-Canais 7 a 13</u> ----- OFF AIR-175,25 MHz a 211,25 MHz-VHF 7 a 13
	-----	CABO-133,25 MHz a 367,25 MHz
	-----	<u>Faixa III-Canais 14 a 69</u> ----- OFF AIR-471,25 MHz a 801,25 MHz-UHF 14 a 69
	-----	CABO-373,25 MHz a 463,25 MHz
Freqüências intermediárias:	-----	Portadora de vídeo ----- 45,75 MHz
	-----	Portadora de som ----- 41,25 MHz / 4,5 MHz
	-----	Portadora de cor ----- 42,17 MHz
Freqüências subportadoras de cor:	-----	3,575611 MHz ----- (PALM)
	-----	3,582056 MHz ----- (PALN)
	-----	3,579545 MHz ----- (NTSC)

Sintonizador Digital

Impedância de entrada de antena:	-----	75 ohm-tipo desbalanceada para UHF.
Freqüência de entrada:	-----	54 ~ 864 Hz
Modo COFDM:	-----	2K
Constelação:	-----	QPSK, DQPSK, 16QAM, 64QAM
Taxa interna do código:	-----	1/2, 2/3, 3/4, 5/6, 7/8
Intervalo de guarda:	-----	1/4, 1/8, 1/1, 1/32
Sensibilidade:	-----	-76dBm @ 8K, 64QAM, 7/8, 1/8
a) canal analógico adjacente:	-----	N-1 max -33dB / N+1 -35dB máximo
b) canal digital adjacente:	-----	N-1 max -26dB / N+1 -29dB máximo
c) análogo do co-canal:	-----	máximo do dB 18
Dígito de canais:	-----	24 dB máximo

INDÍCE

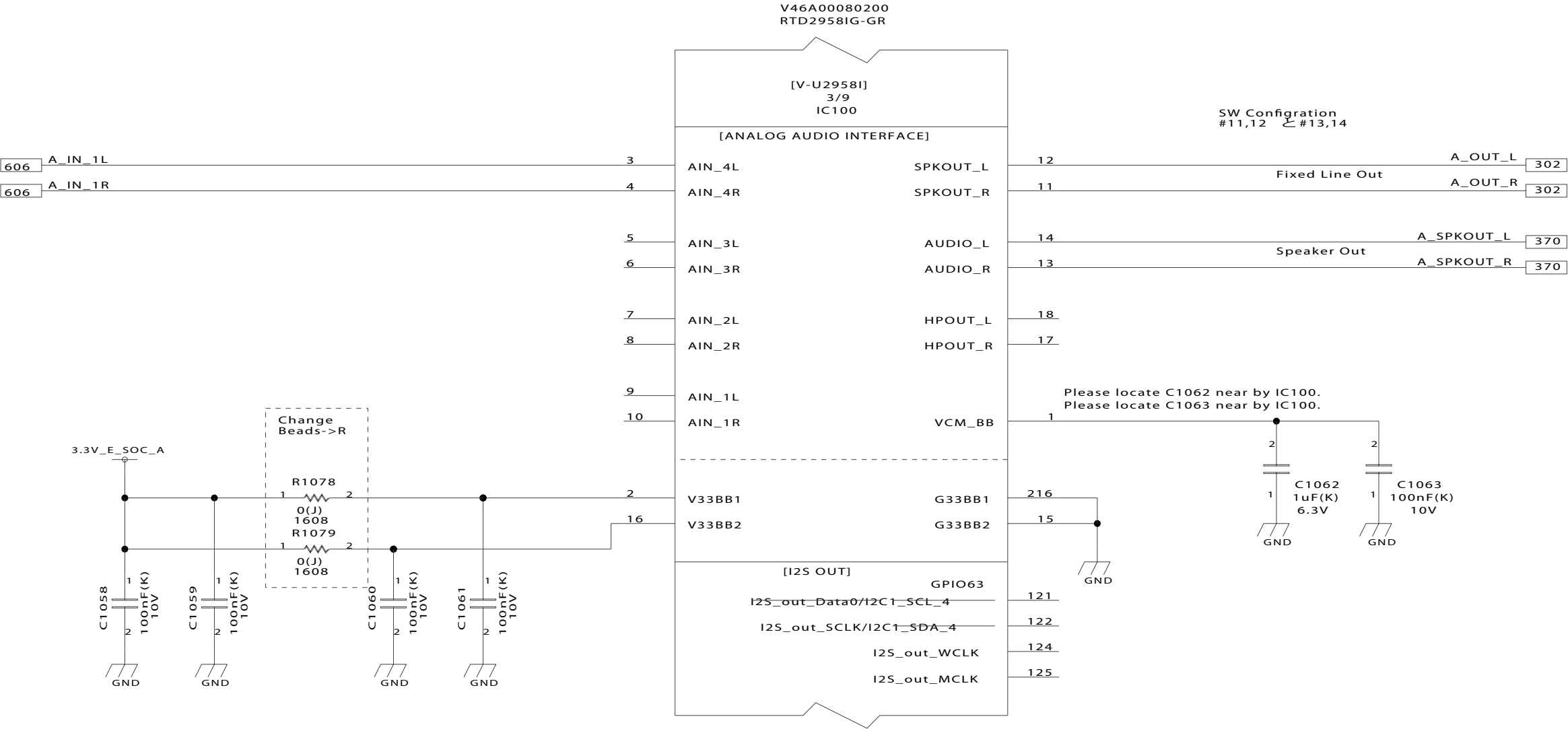
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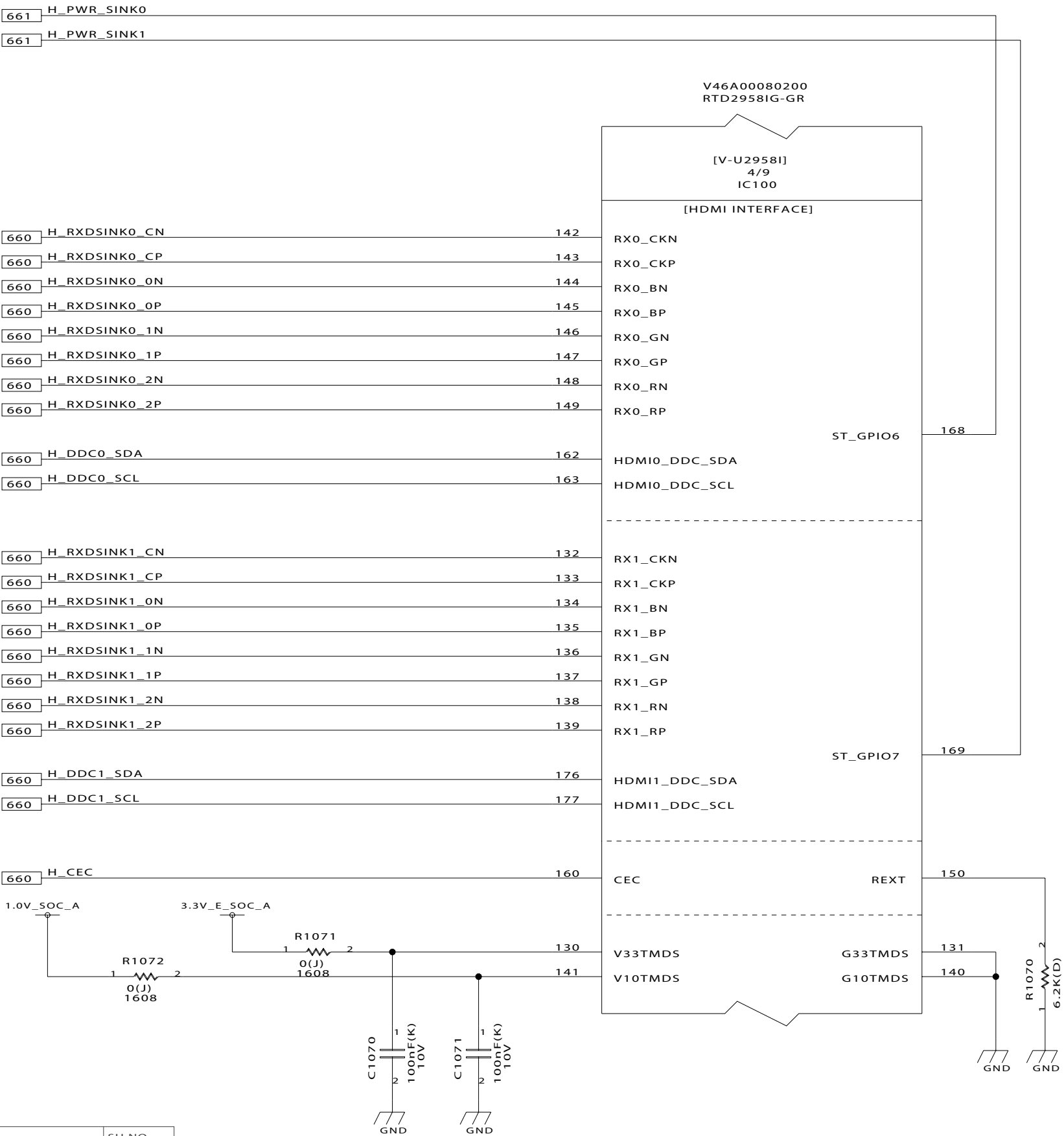
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC(Analog Video I/F)	101

Placa Principal (Todos Modelos)

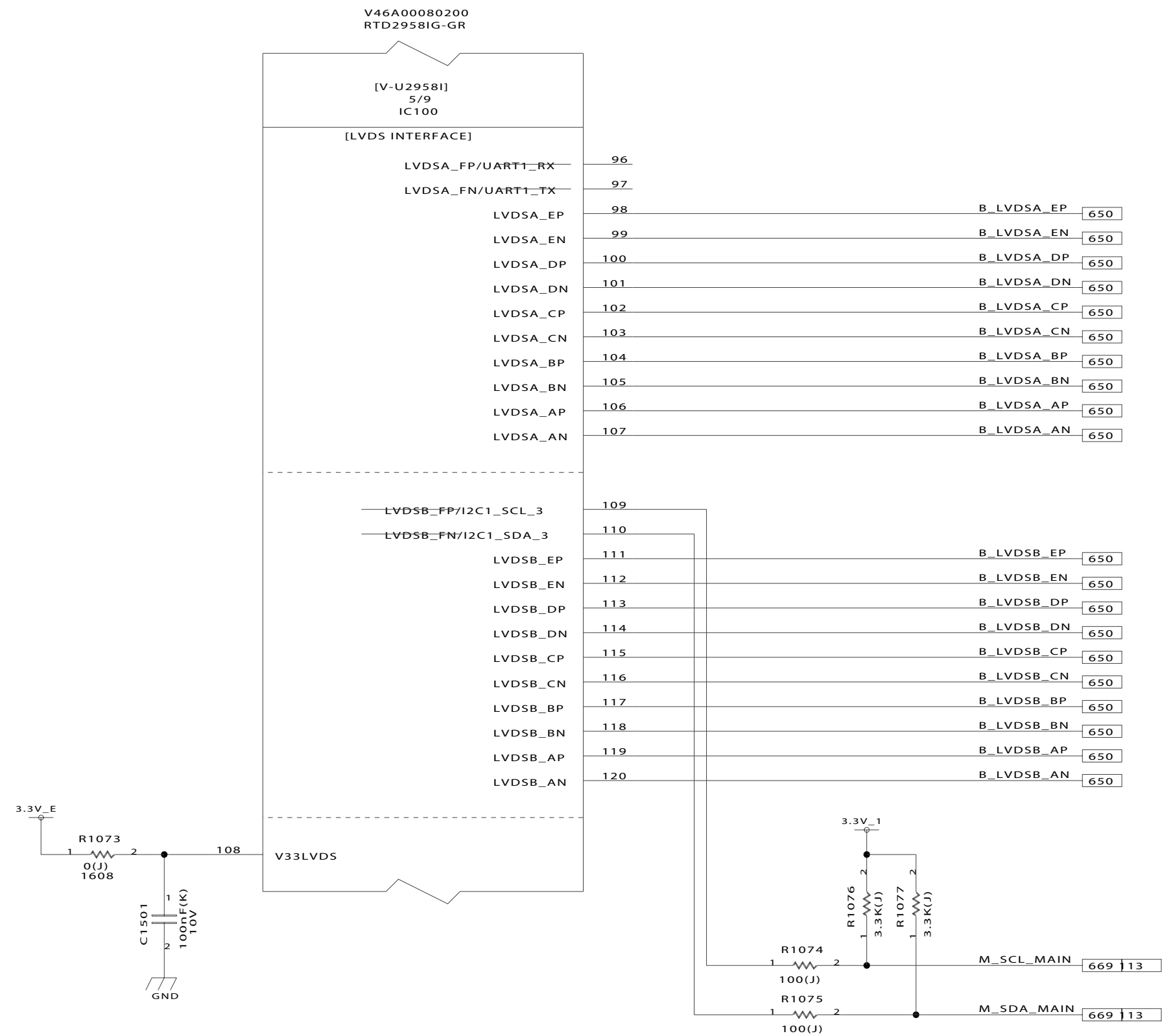




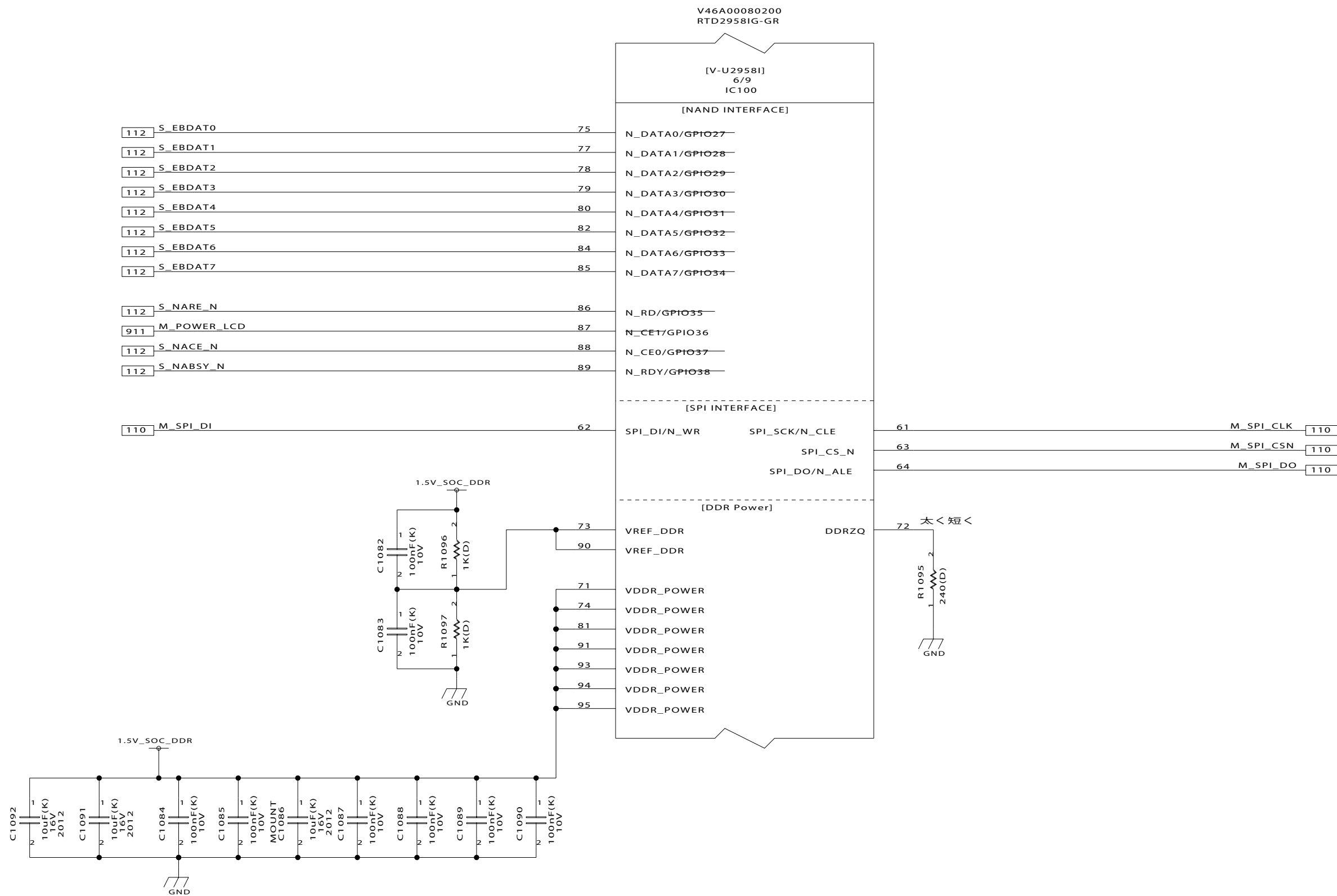
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC(Analog Audio I/F)	103



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC(HDMI I/F)	104



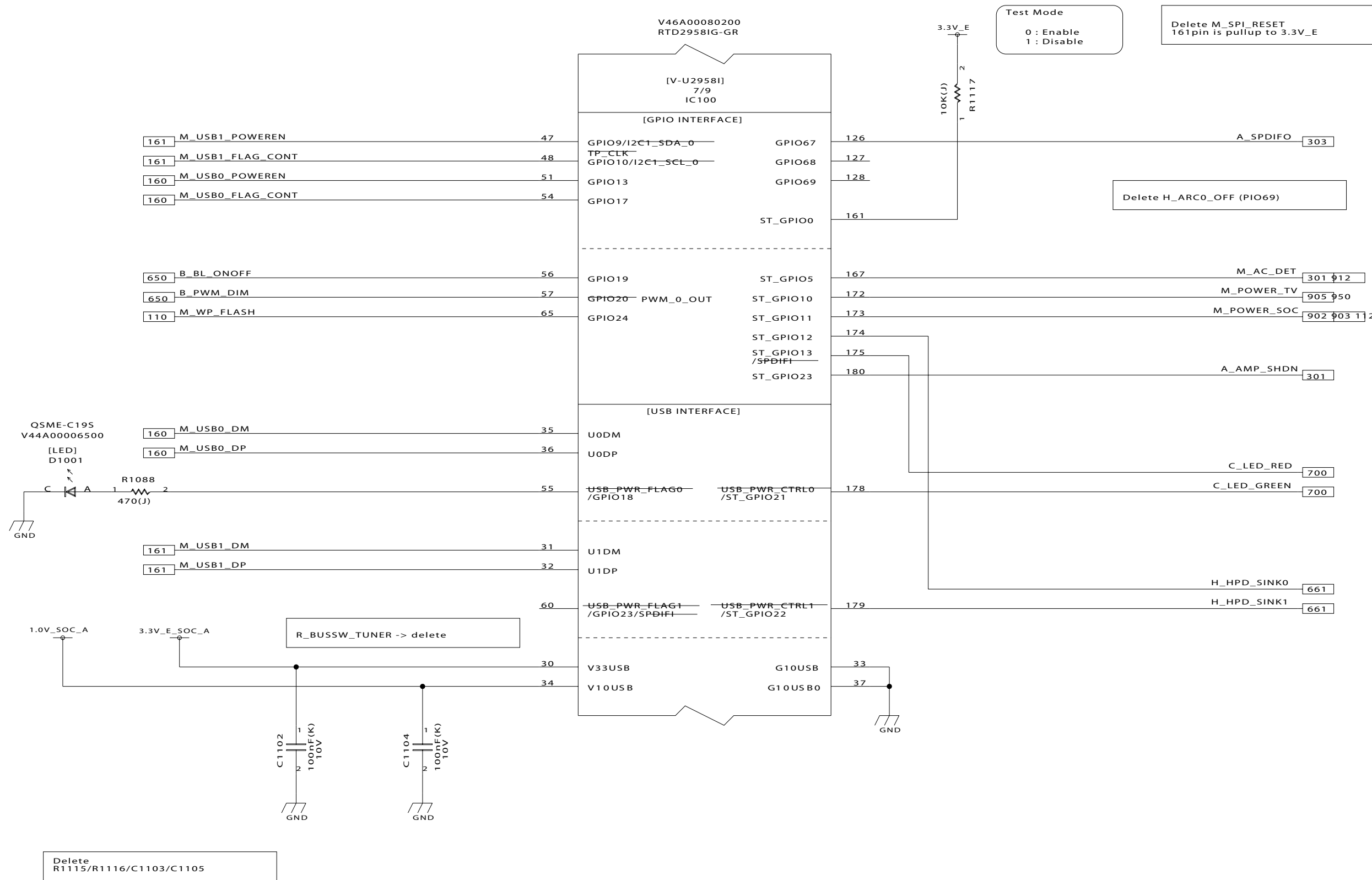
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC(LVDS I/F)	105



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC(NAND/SPI I/F)	106

ESQUEMAS ELÉTRICOS

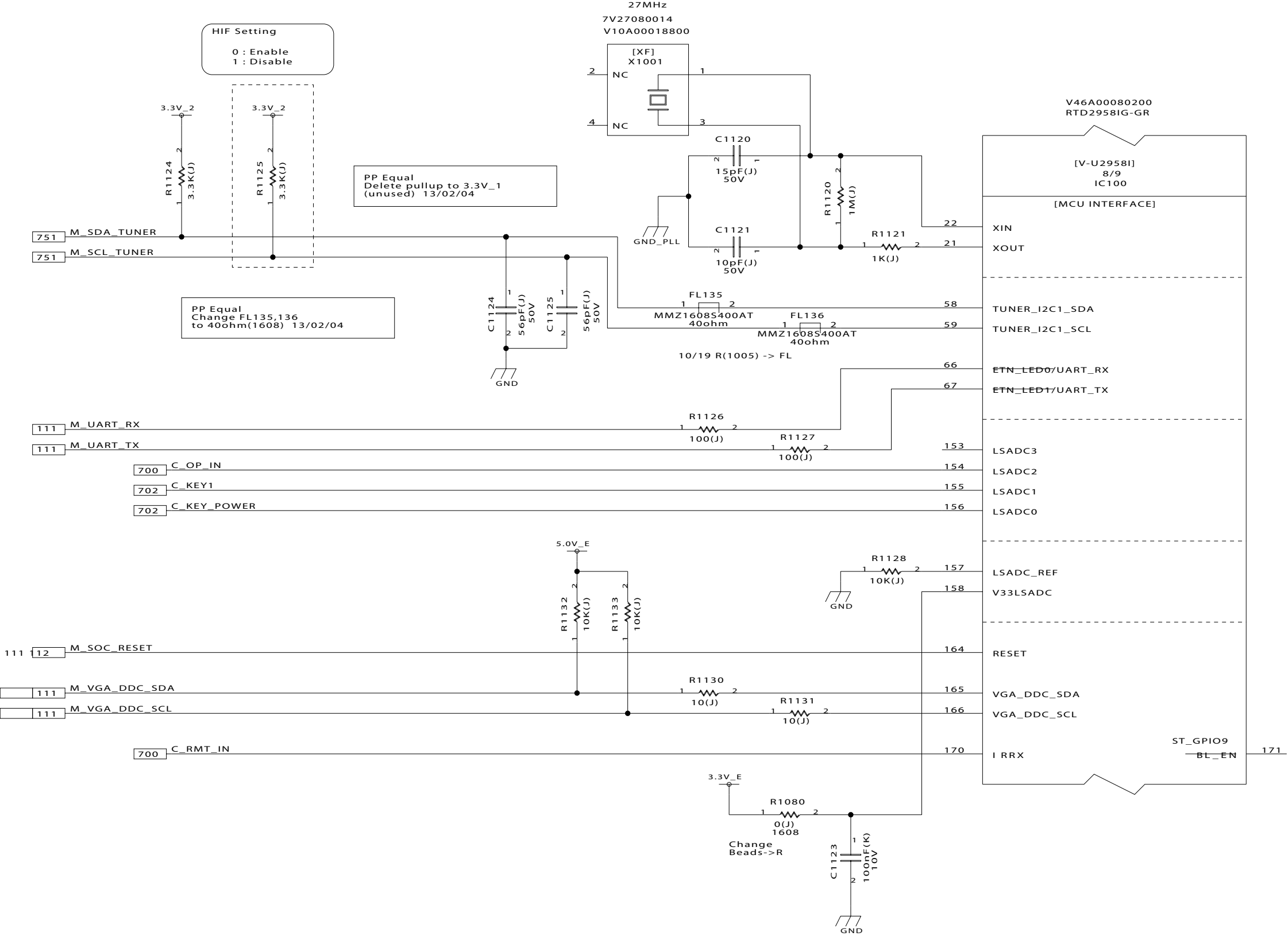
Placa Principal (Todos Modelos)



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC(GPIO,USB I/F)	107

ESQUEMAS ELÉTRICOS

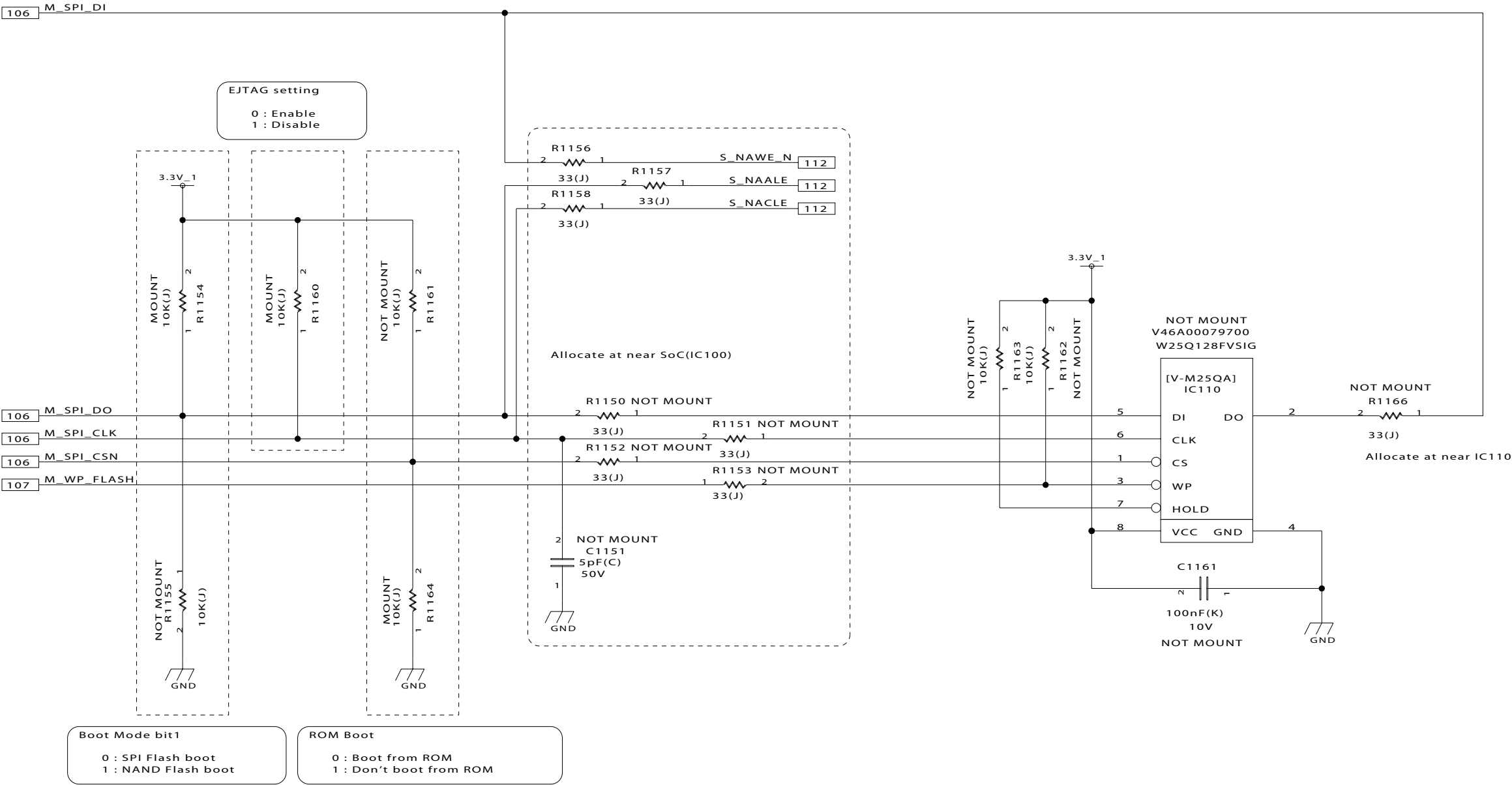
Placa Principal (Todos Modelos)



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC (Periferal I/F)	108

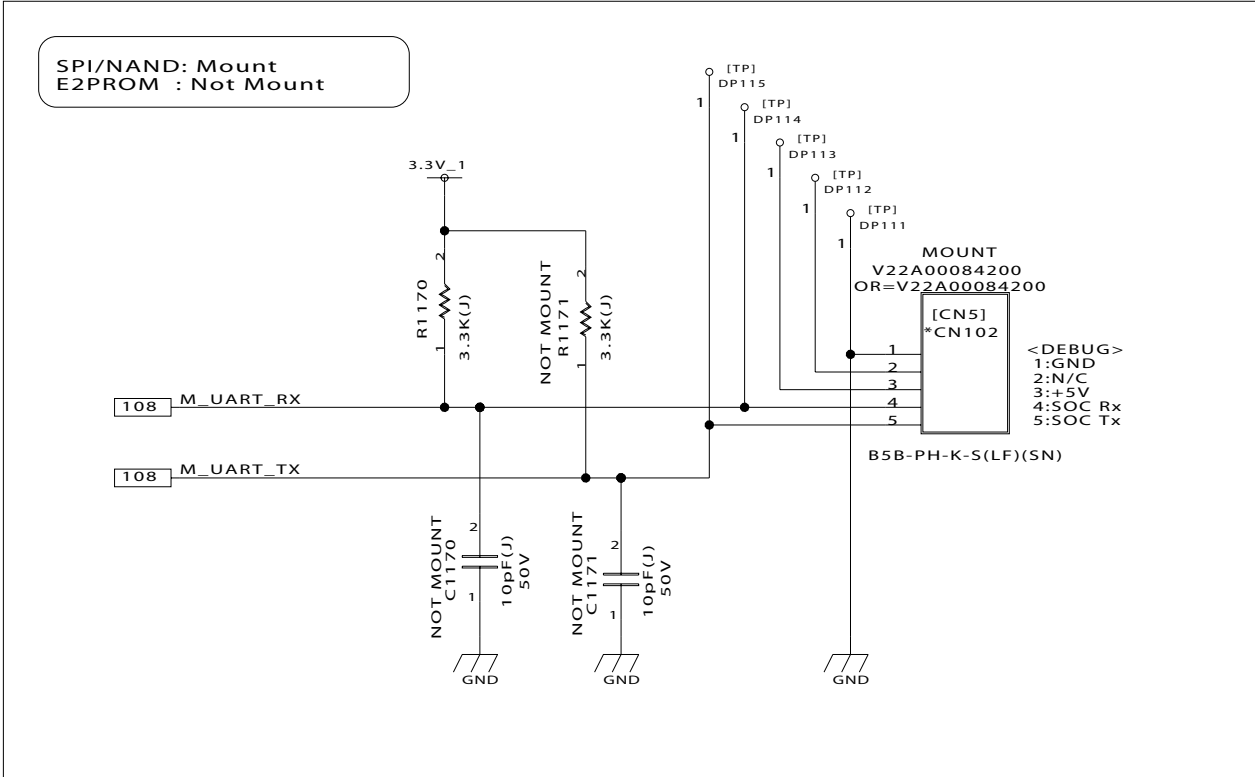
Placa Principal (Todos Modelos)



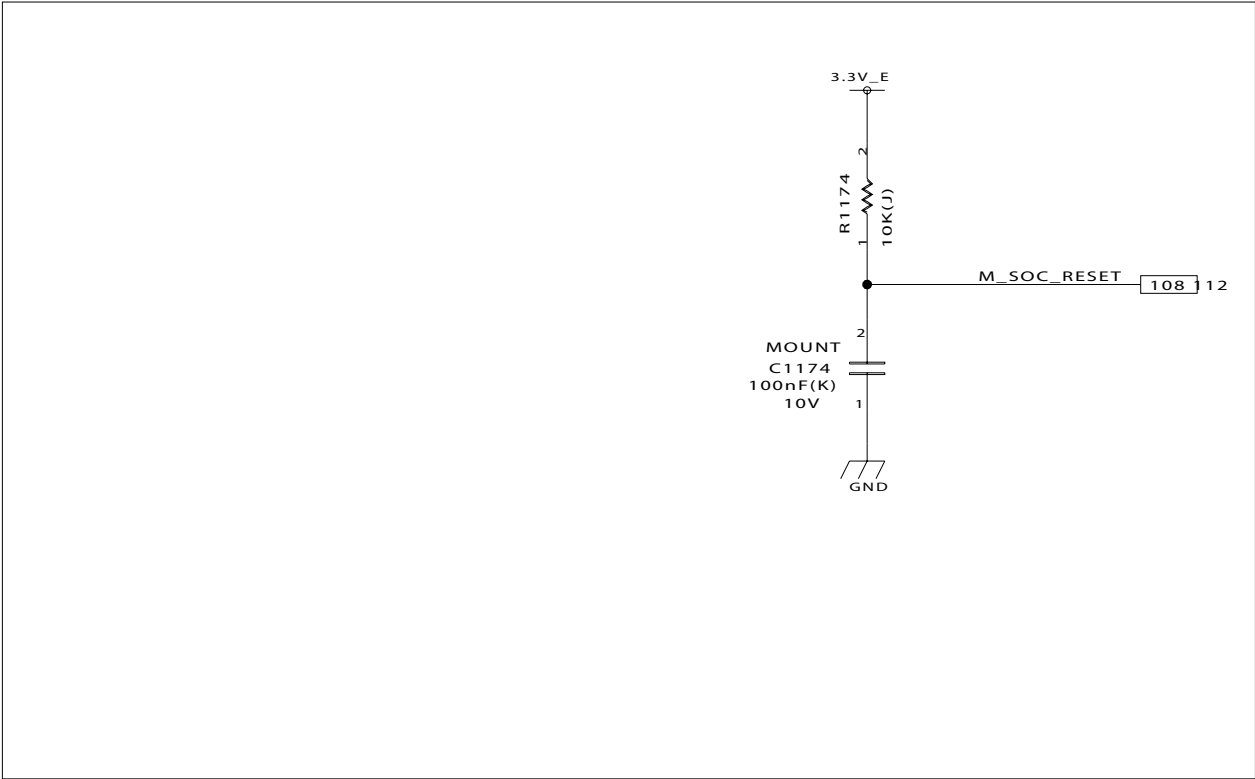


TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	PI Flash Memory	110

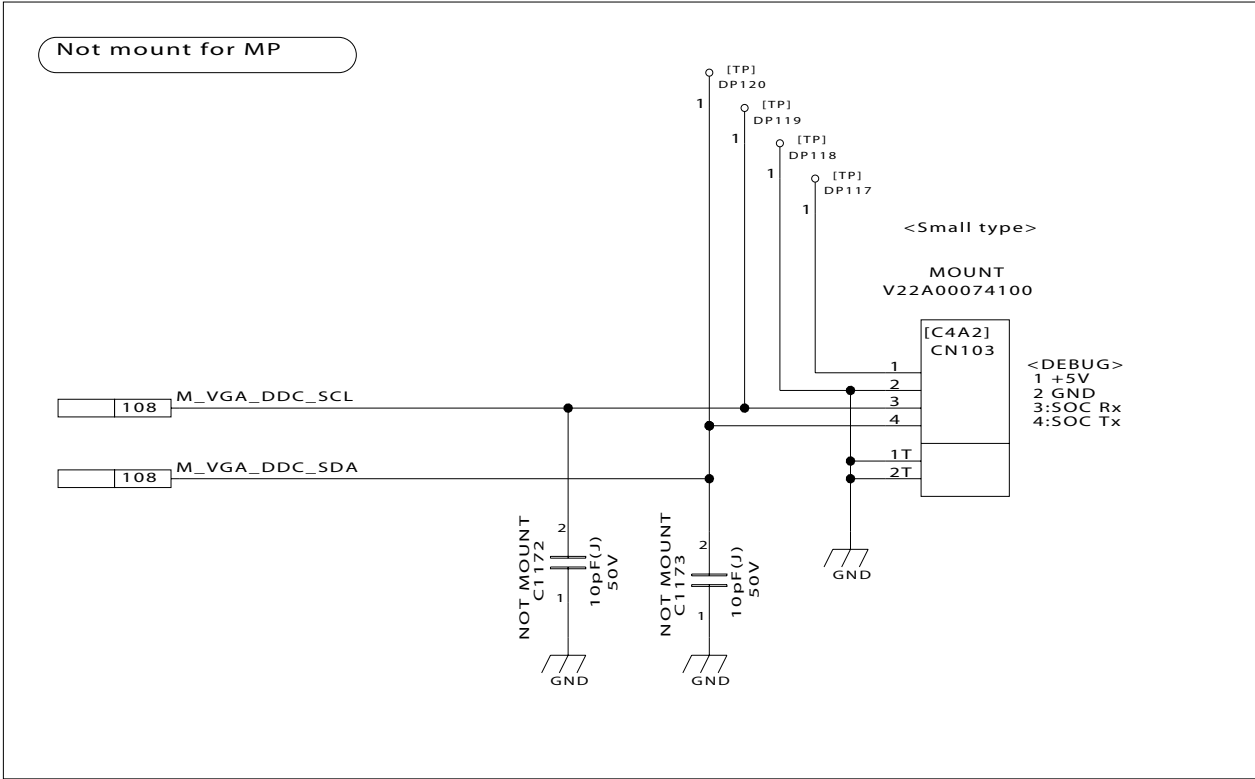
<Debug Connector> (for writing HDCP key)



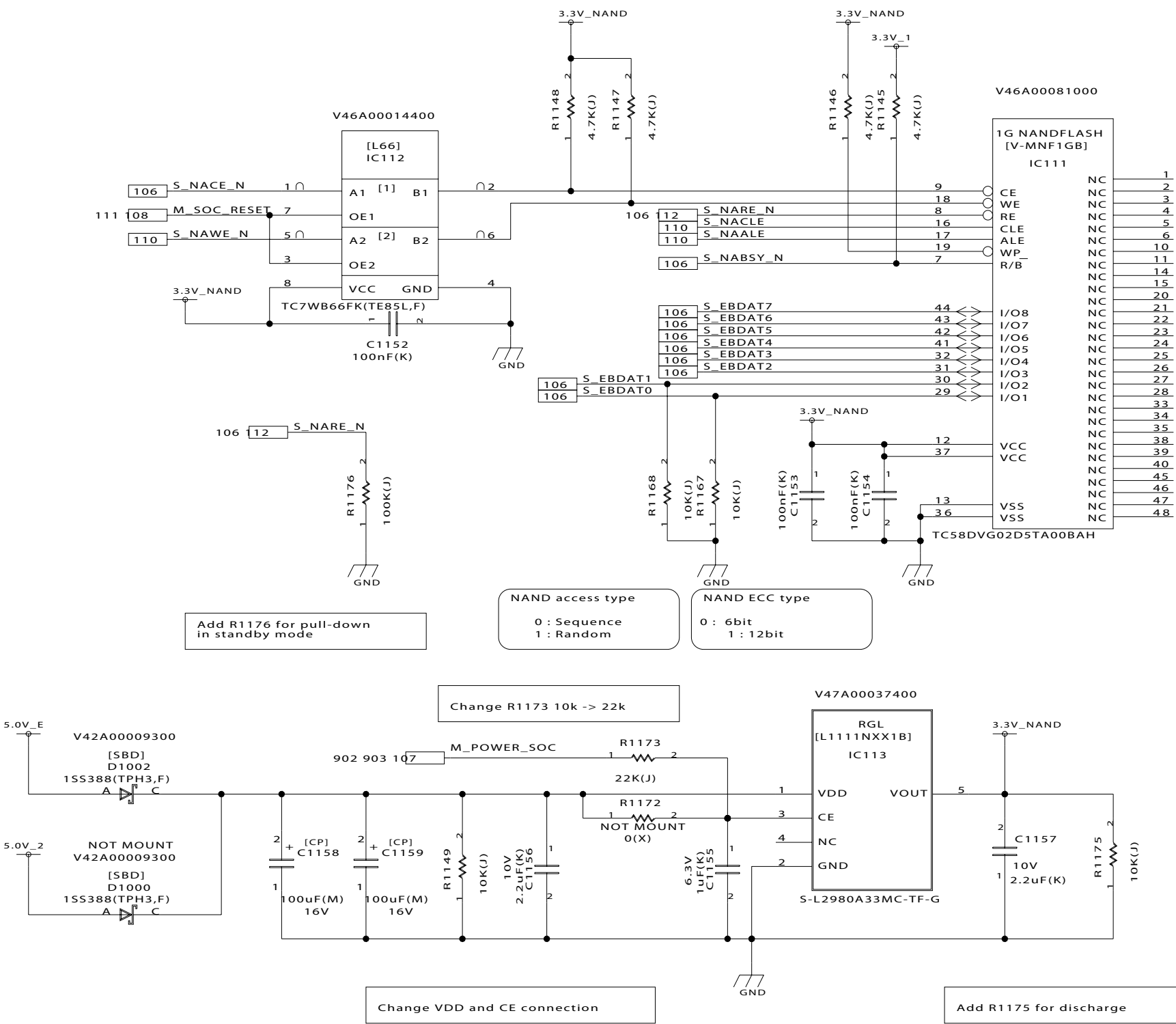
<Reset Circuit>



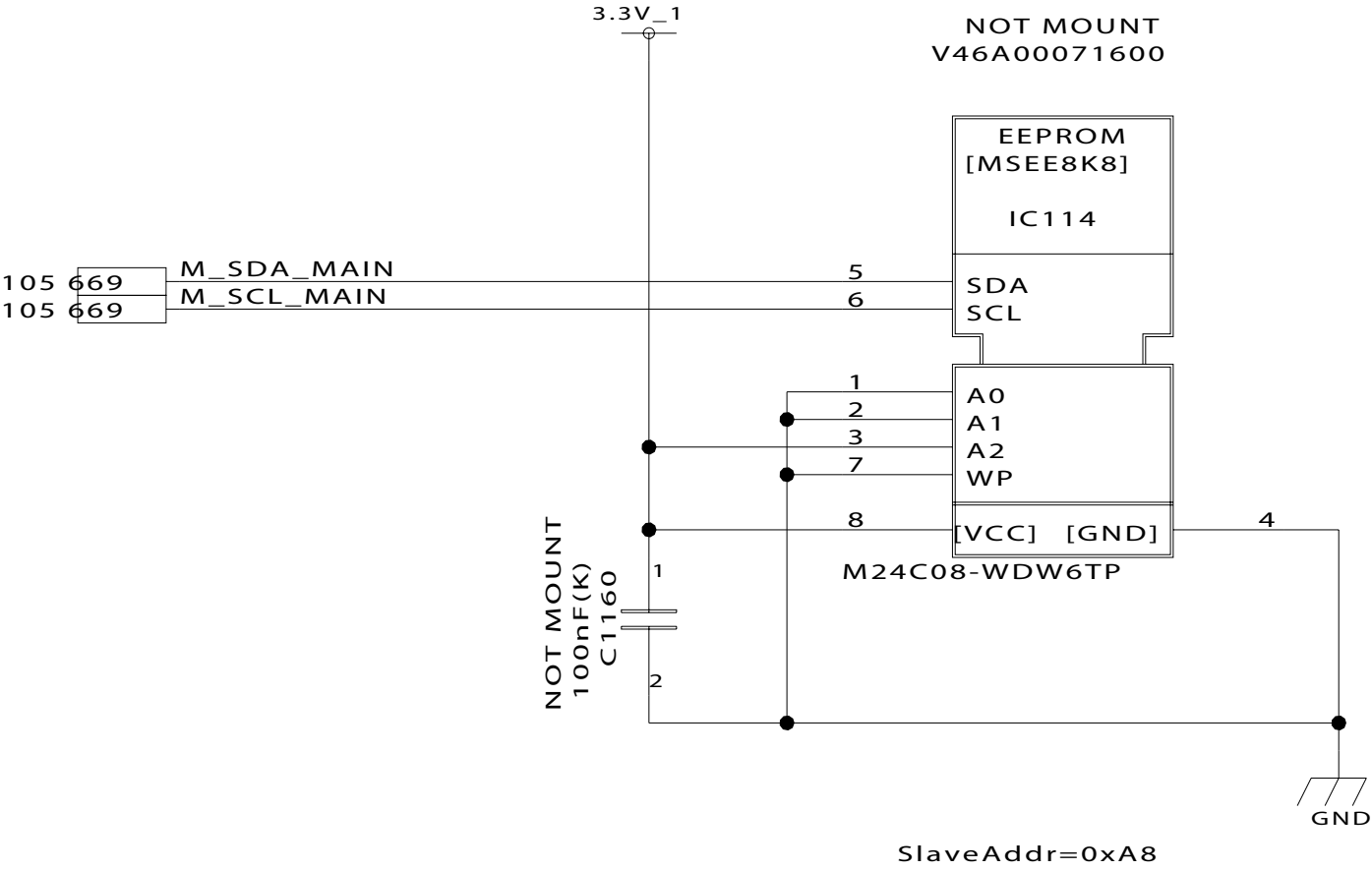
<Debug Connector for Standby mode> (for writing boot code)



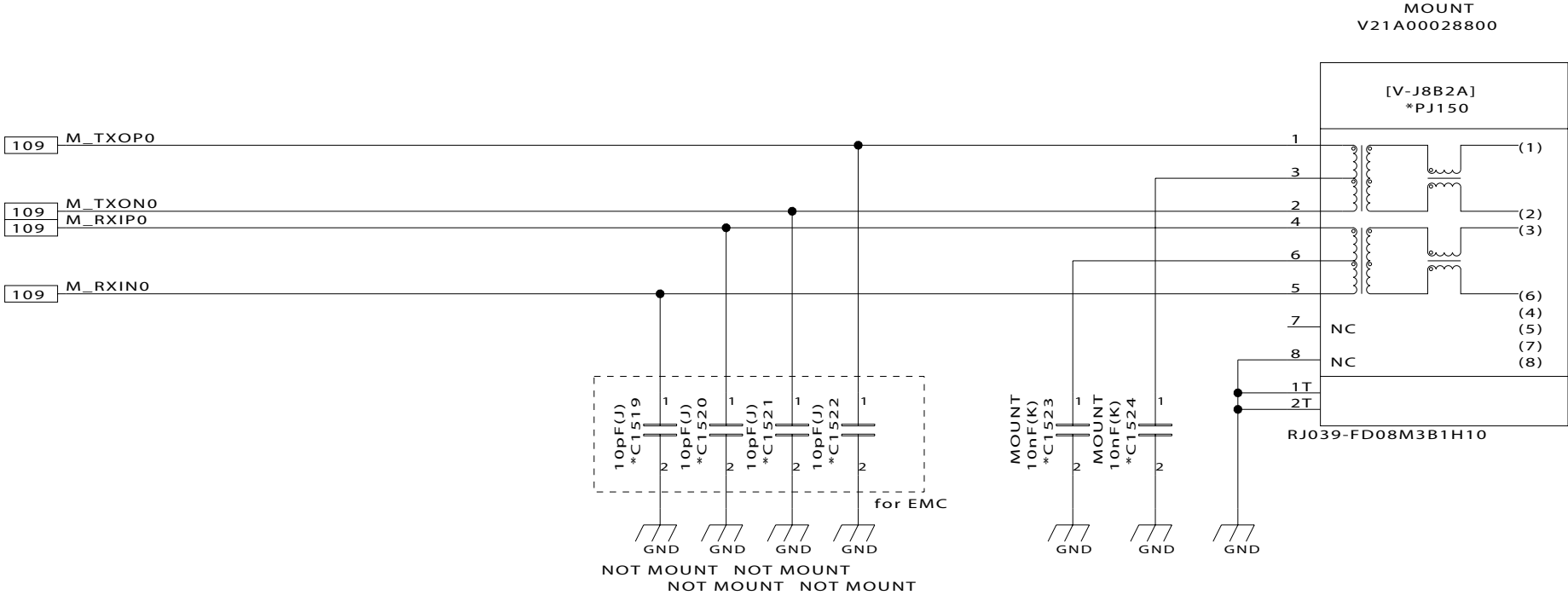
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	Debug/Reset	111



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	NAND Flash Memory	112



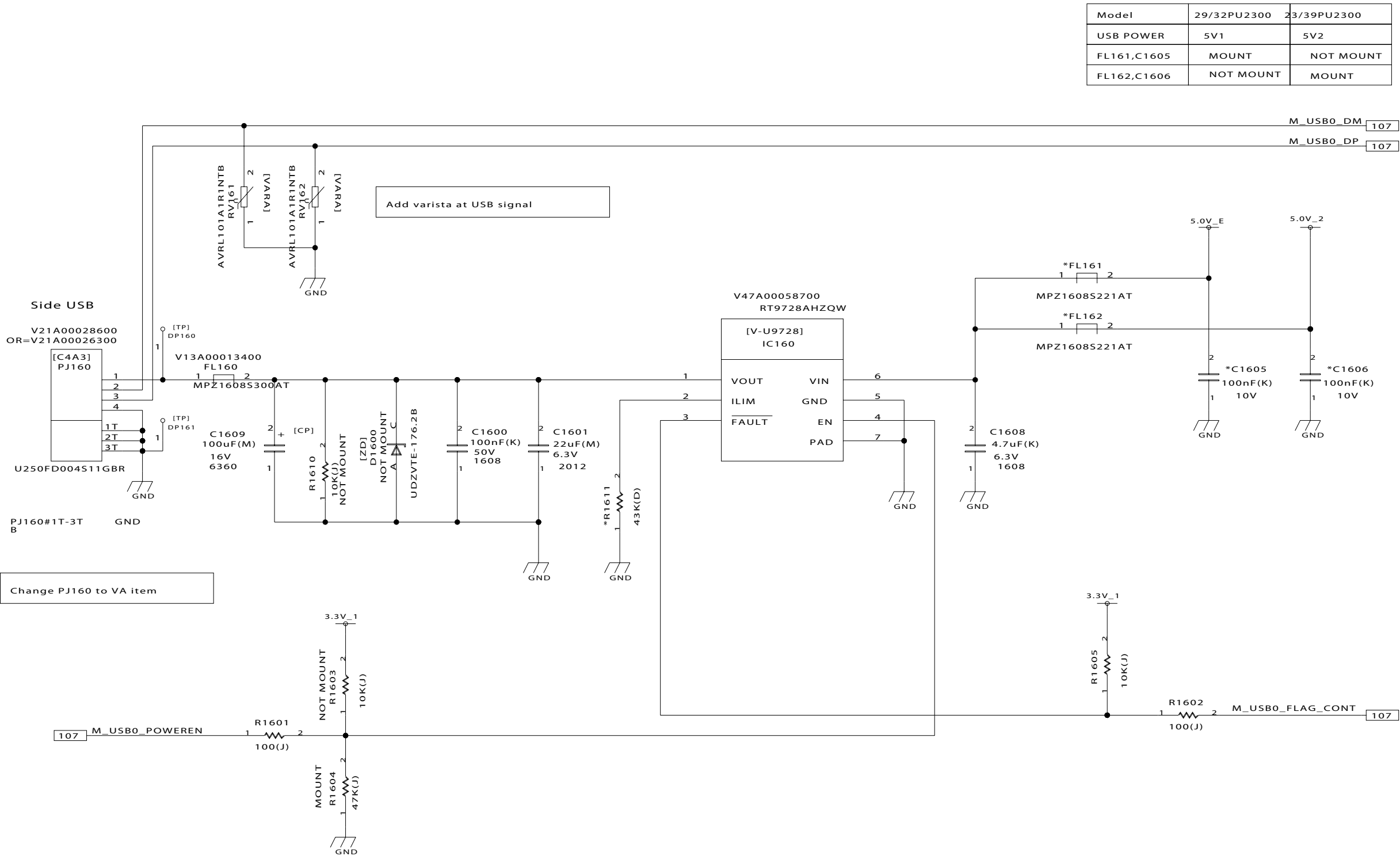
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	E2PROM	113



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	RJ45 CONNECTOR	150

ESQUEMAS ELÉTRICOS

Placa Principal (Todos Modelos)

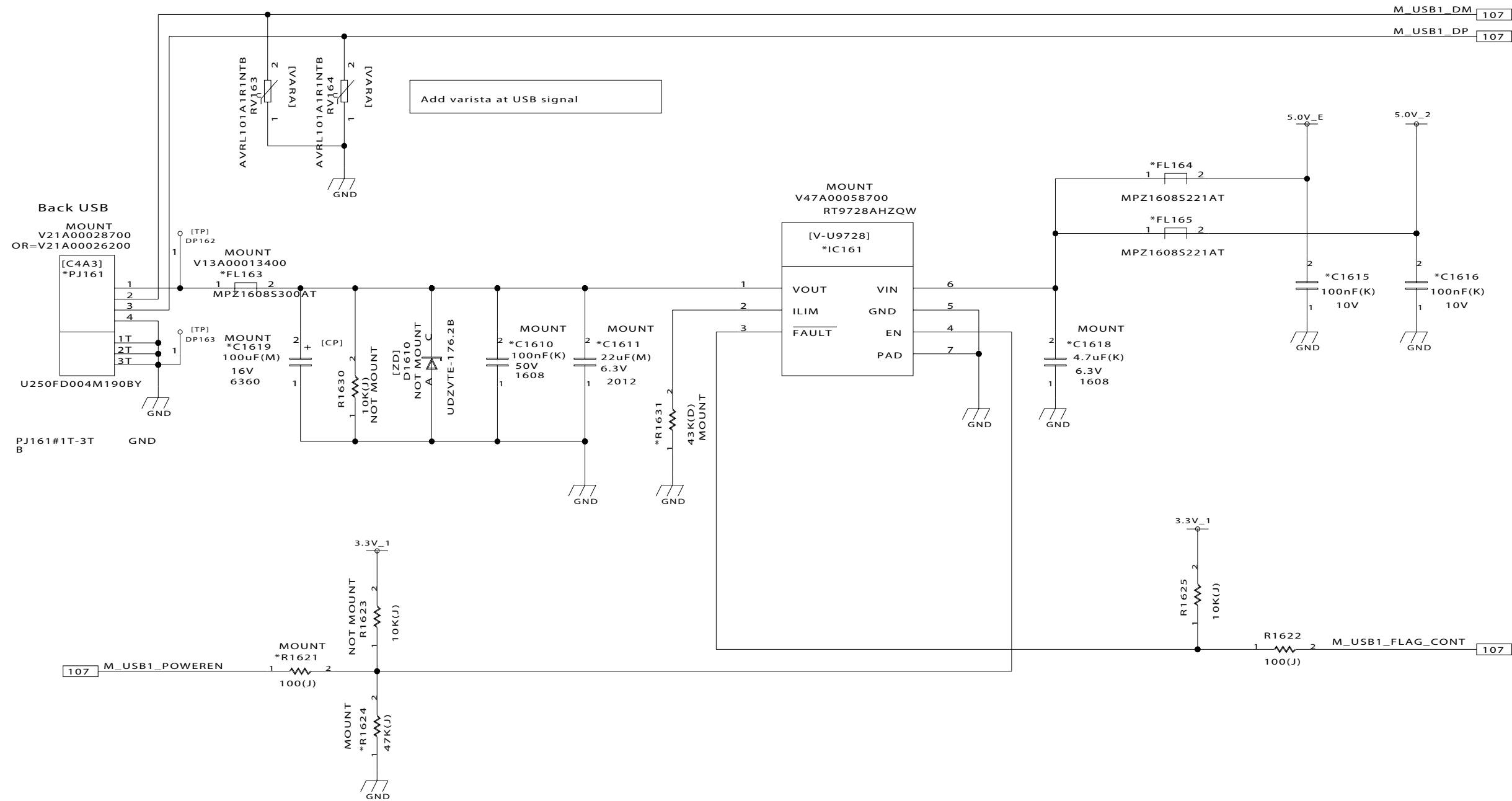


TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	USB Connector(side)	160

ESQUEMAS ELÉTRICOS

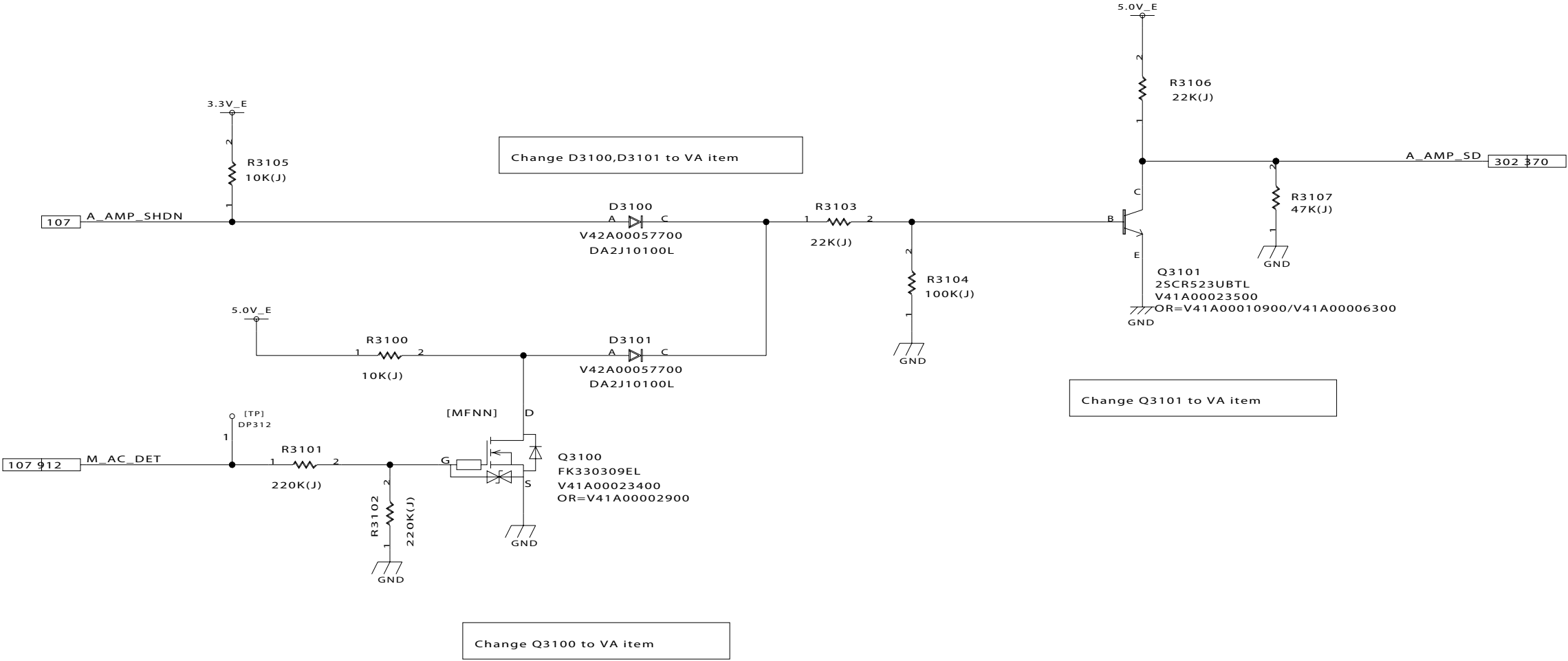
Placa Principal (Todos Modelos)

Model	29/32PU2300	23/39PU2300
USB POWER	5V1	5V2
FL161,C1605	MOUNT	NOT MOUNT
FL162,C1606	NOT MOUNT	MOUNT

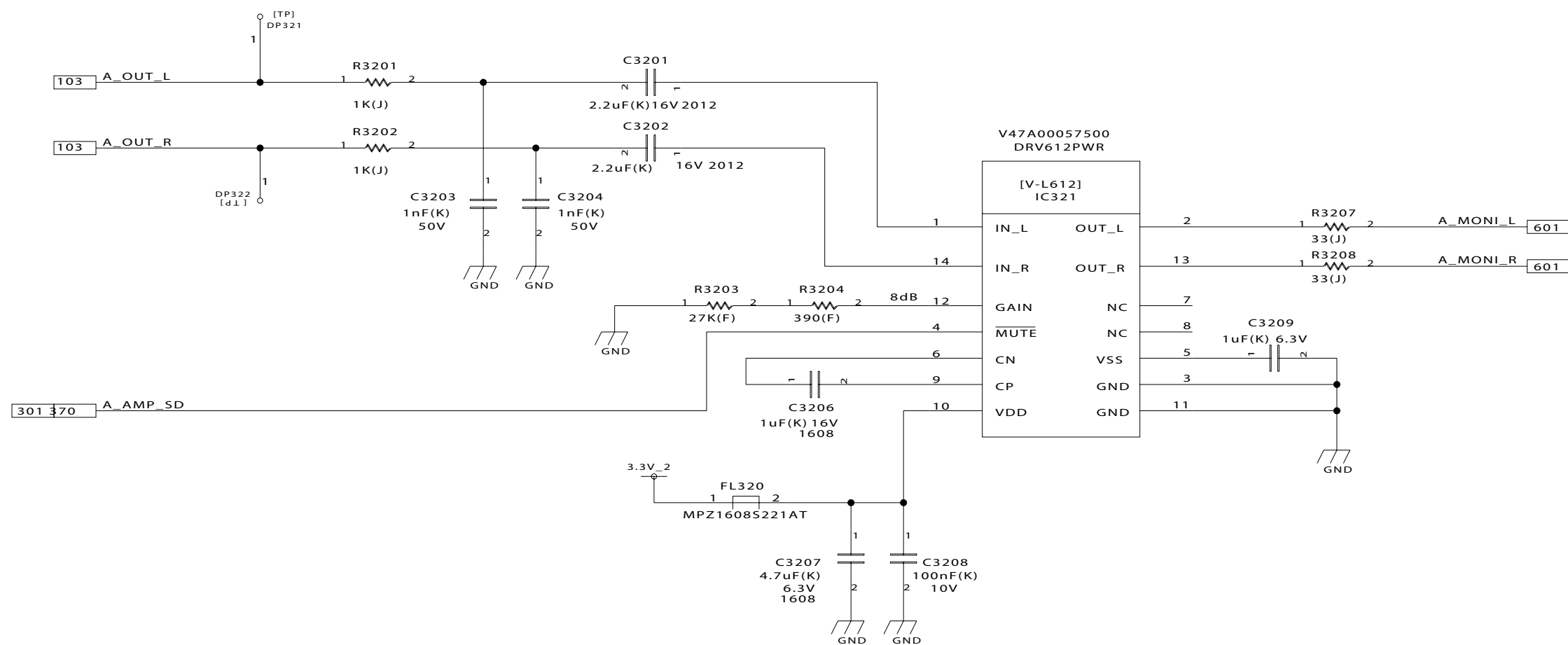


TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	USB Connector(back)	161

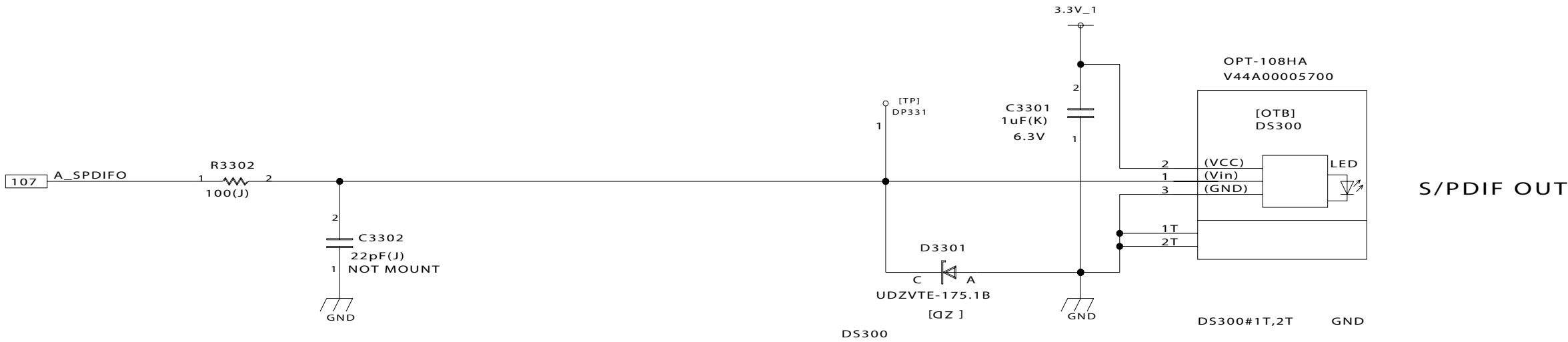
Signal Name	Logic
A_AMP_SHDN	H : Shutdown L : Normal



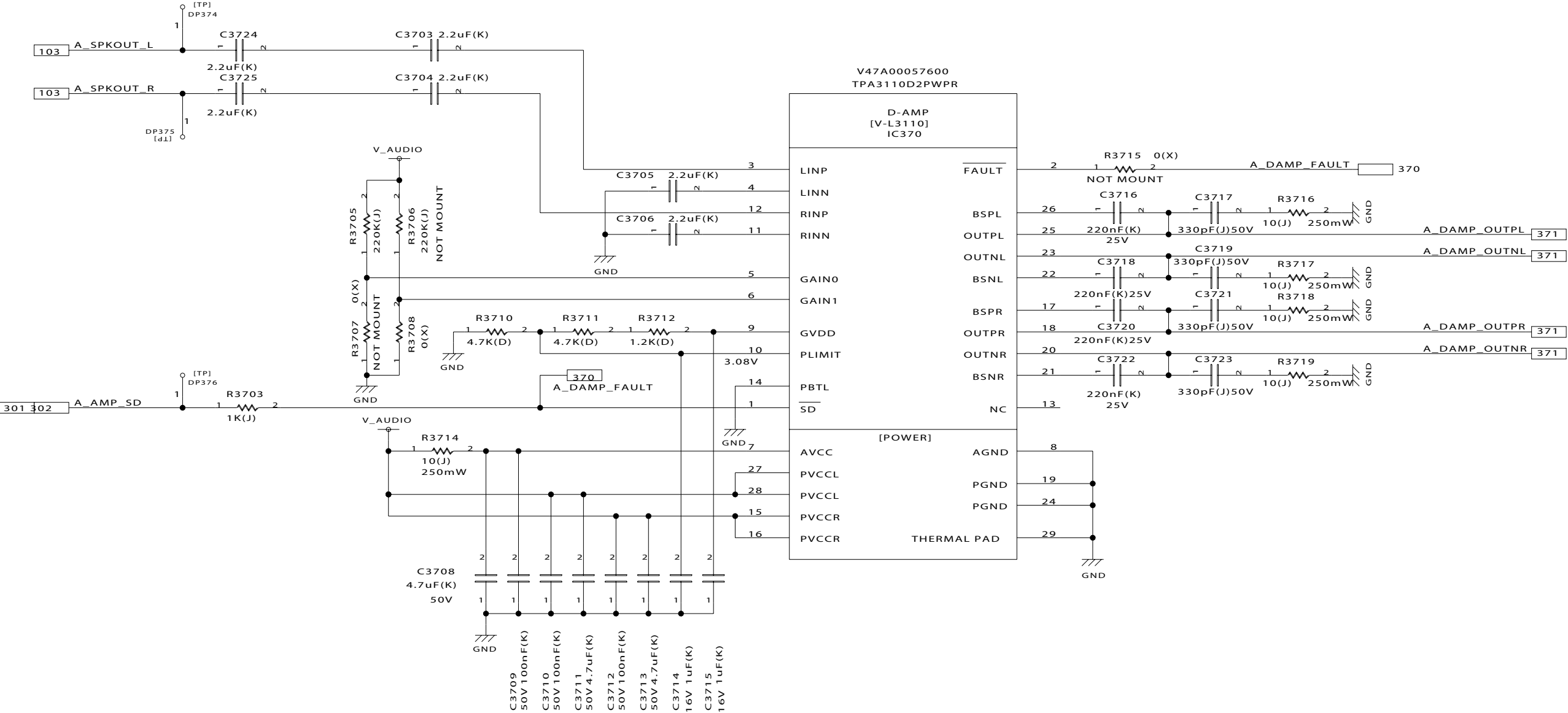
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	AUDIO MUTE	301



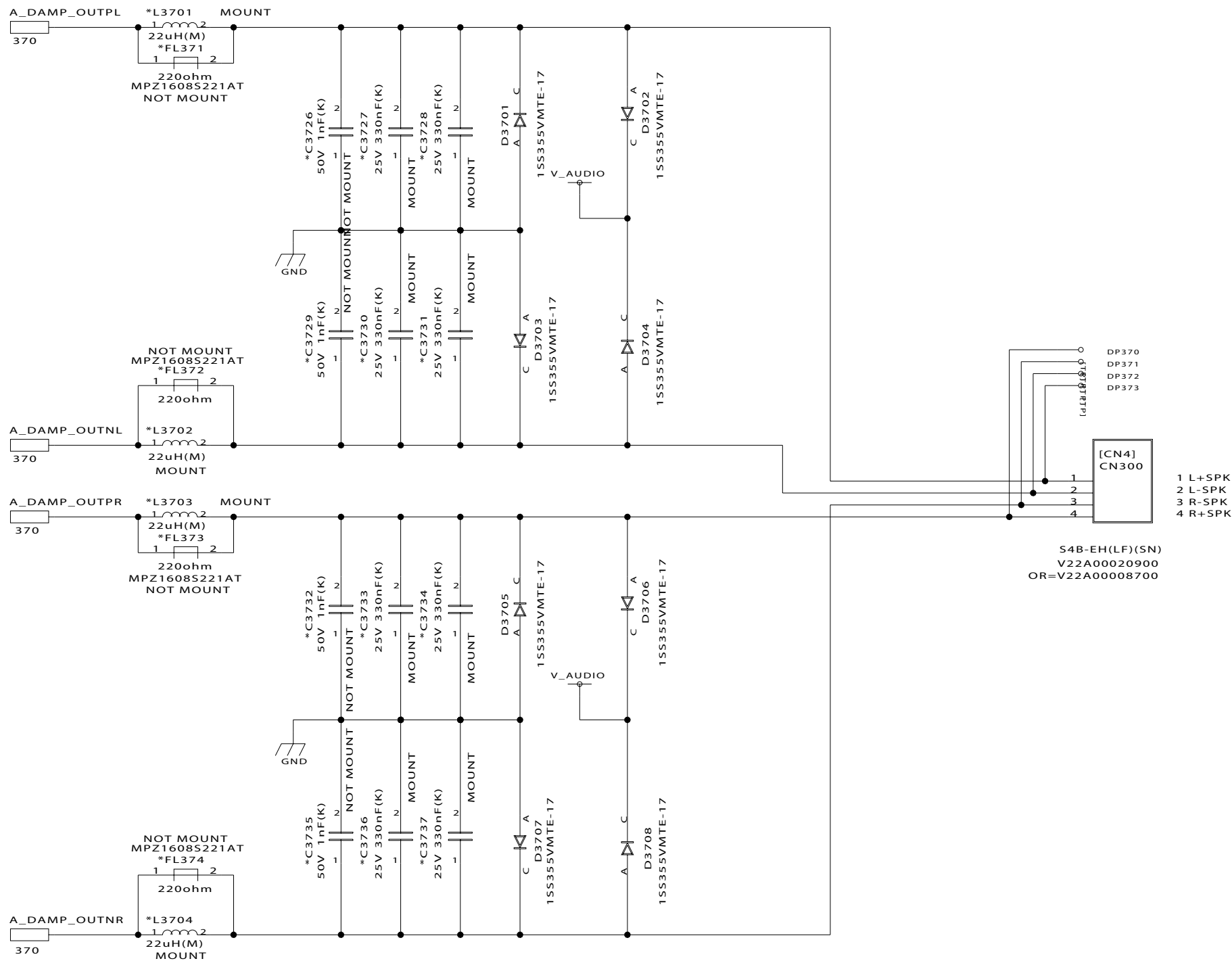
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	LINE OUT AMP	302



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	AUDIO OPTICAL OUT	303



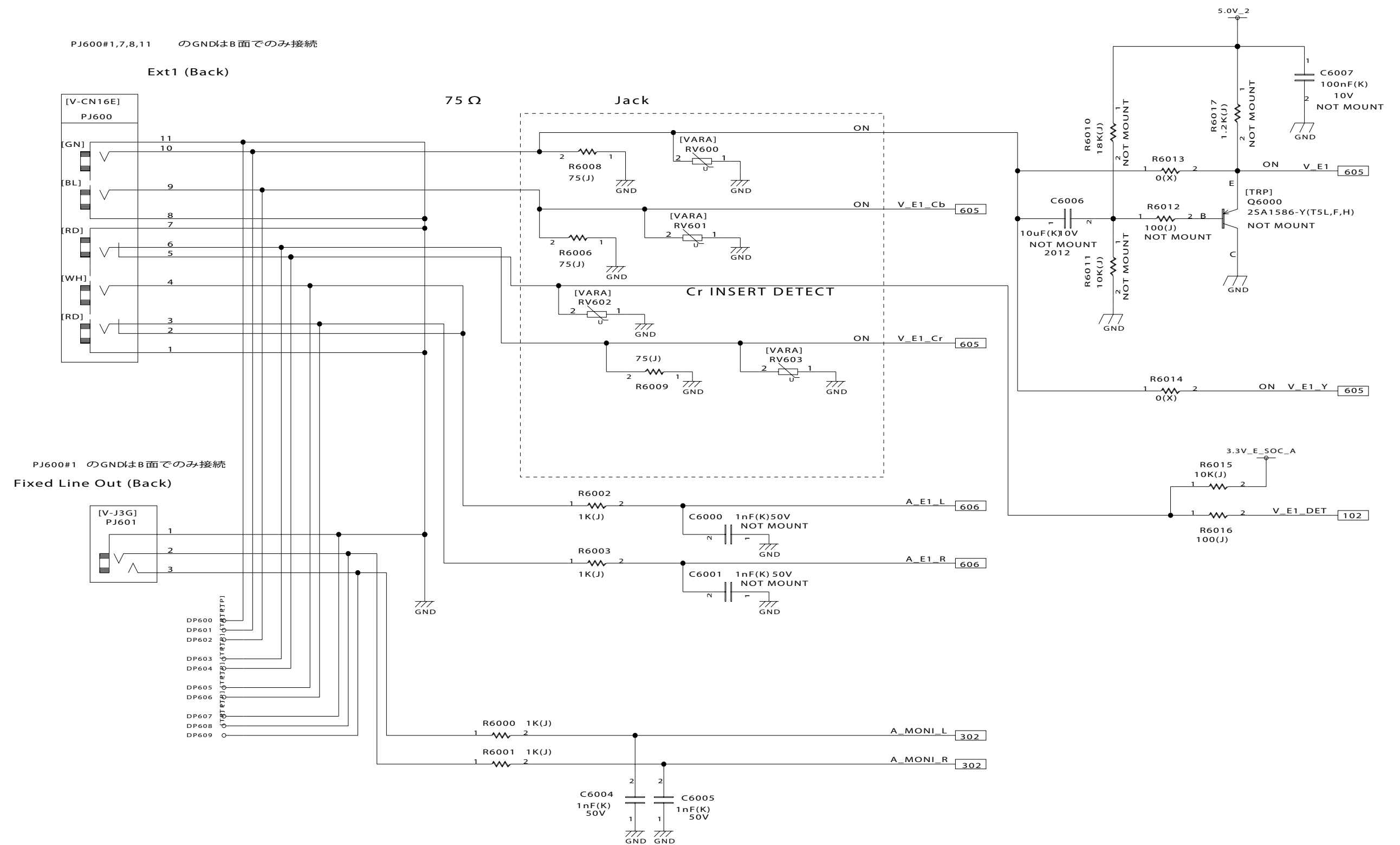
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	AUDIO D-AMP	370



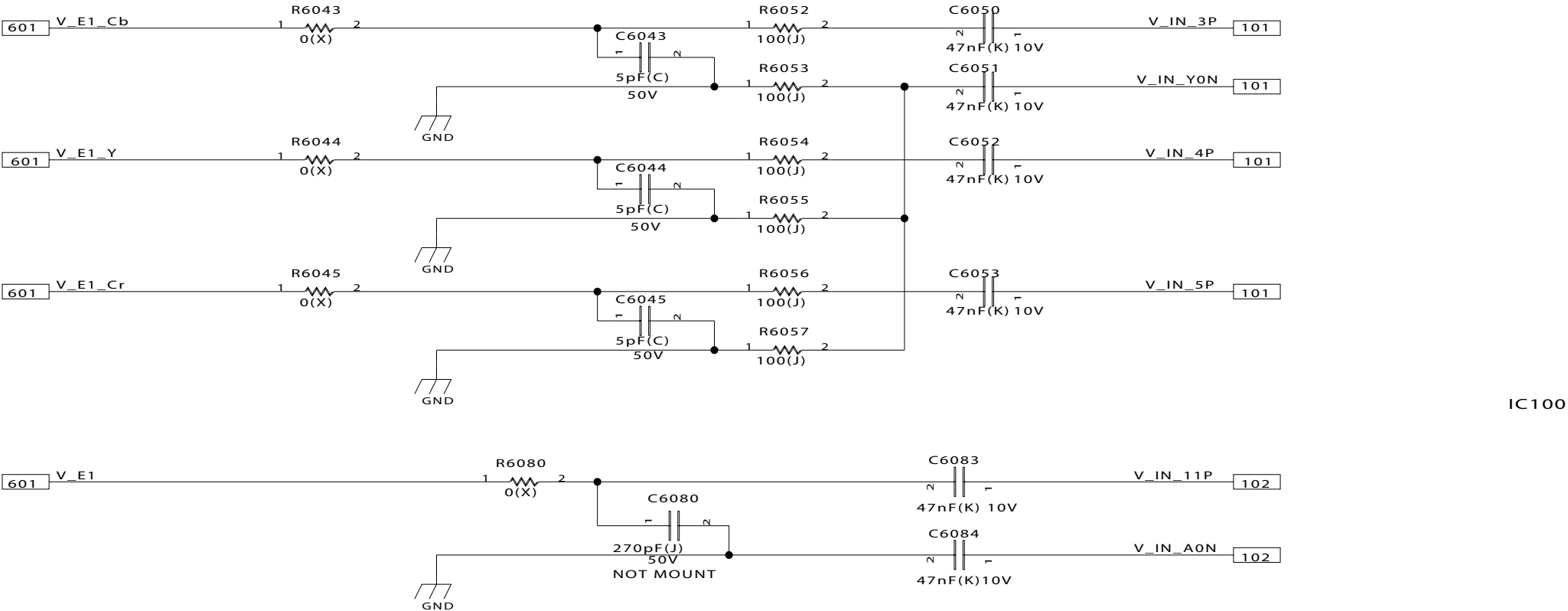
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	AUDIO D-AMP OUT	371

ESQUEMAS ELÉTRICOS

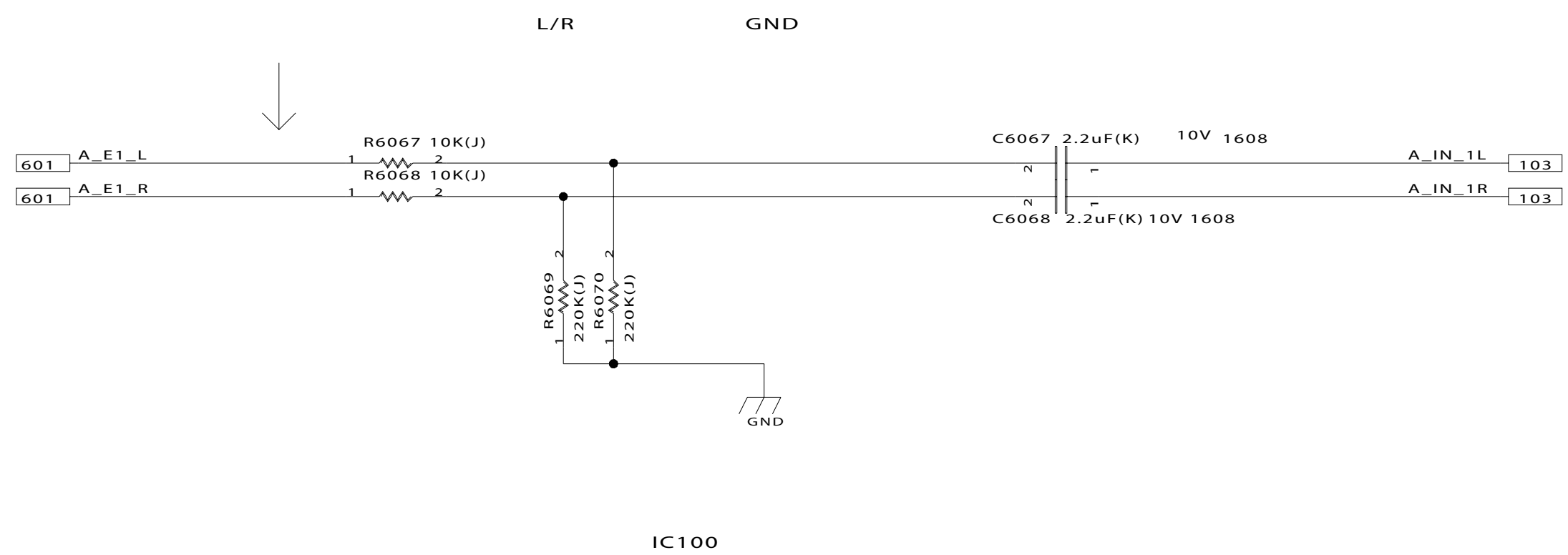
Placa Principal (Todos Modelos)



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	AV Jack	601



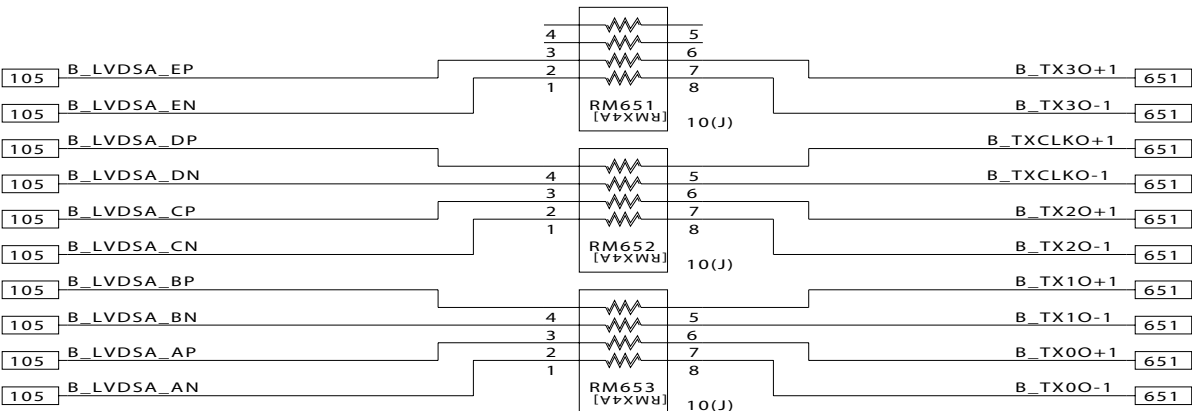
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BRAZIL DTV LCD TV	Video SoC IN	605



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	Audio SoC IN	606

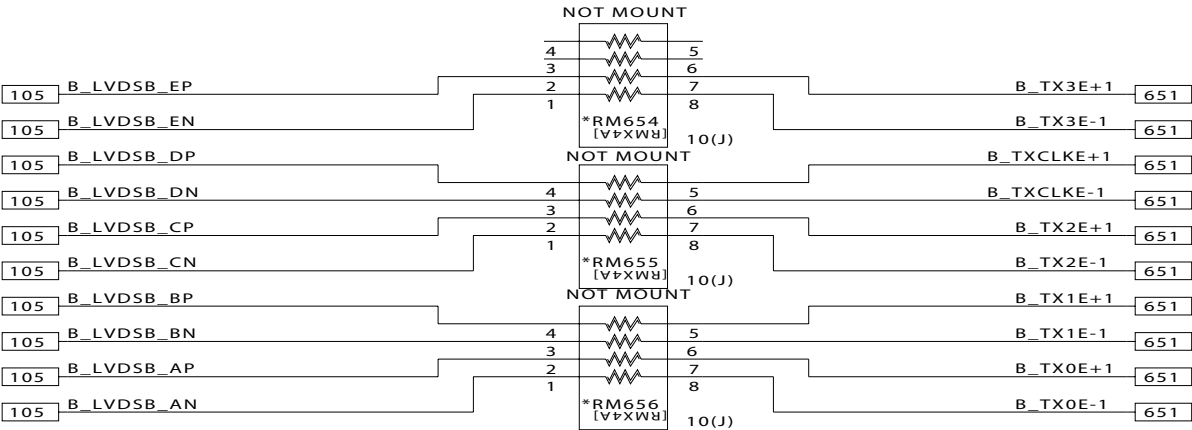
ESQUEMAS ELÉTRICOS

Placa Principal (Todos Modelos)

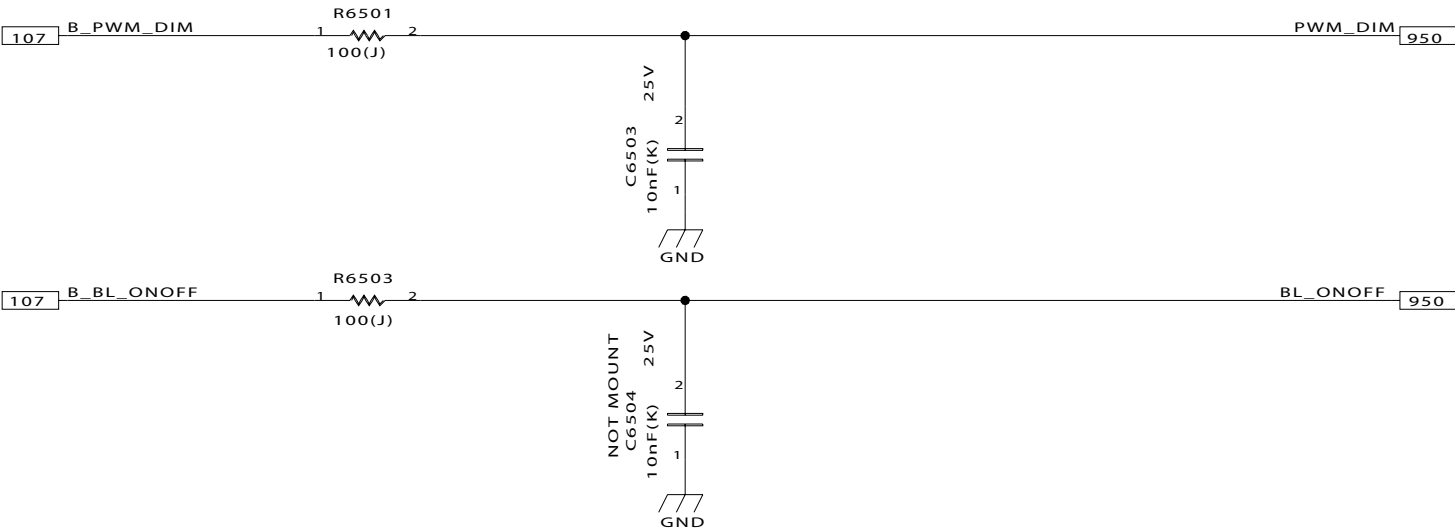


Inch	24/29/32	39
Panel Type	WXGA	FHD
RM654-656	NOT MOUNT	MOUNT

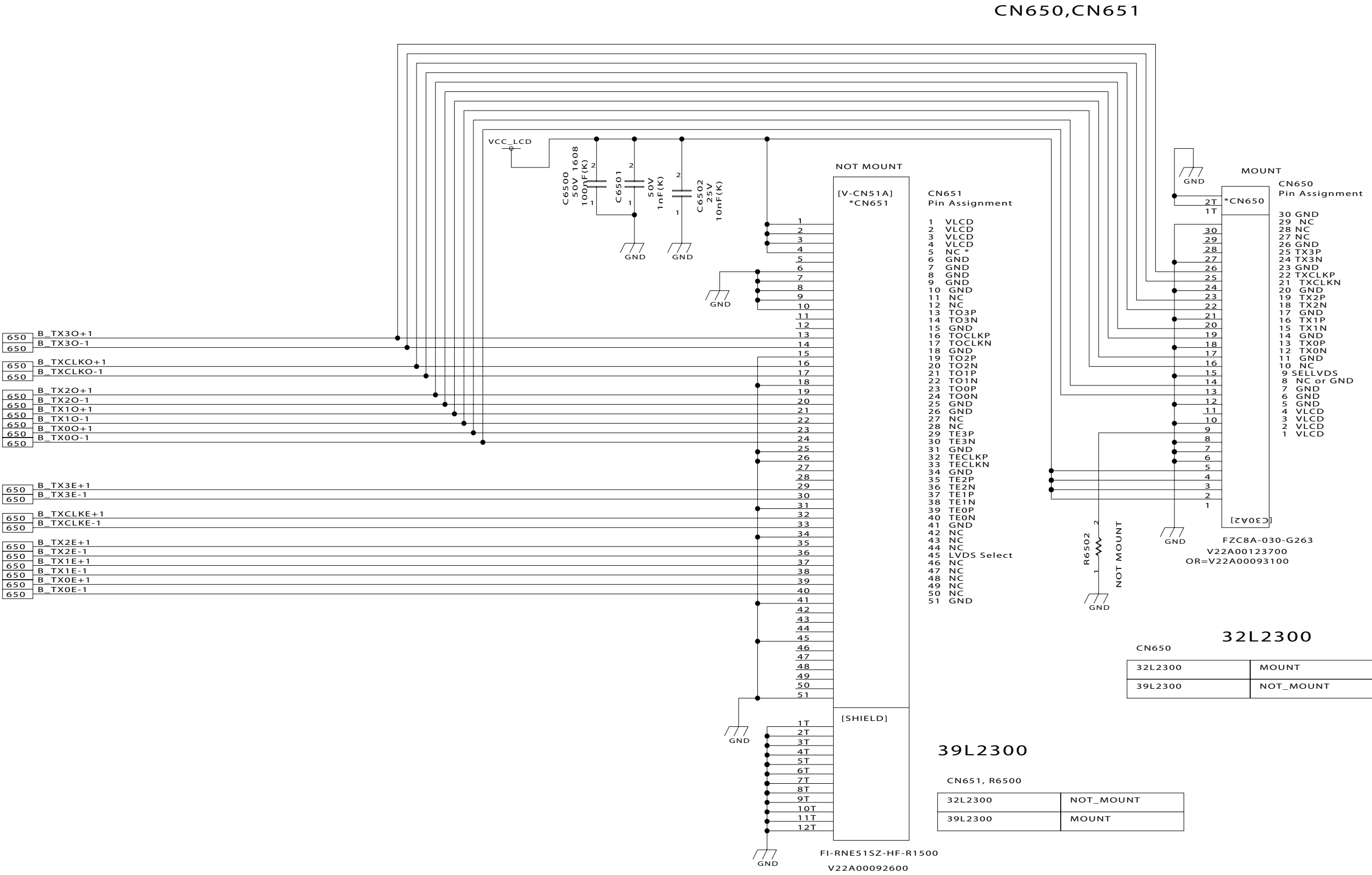
32inch model
RM651 - RM653
8Bit_Single_Format



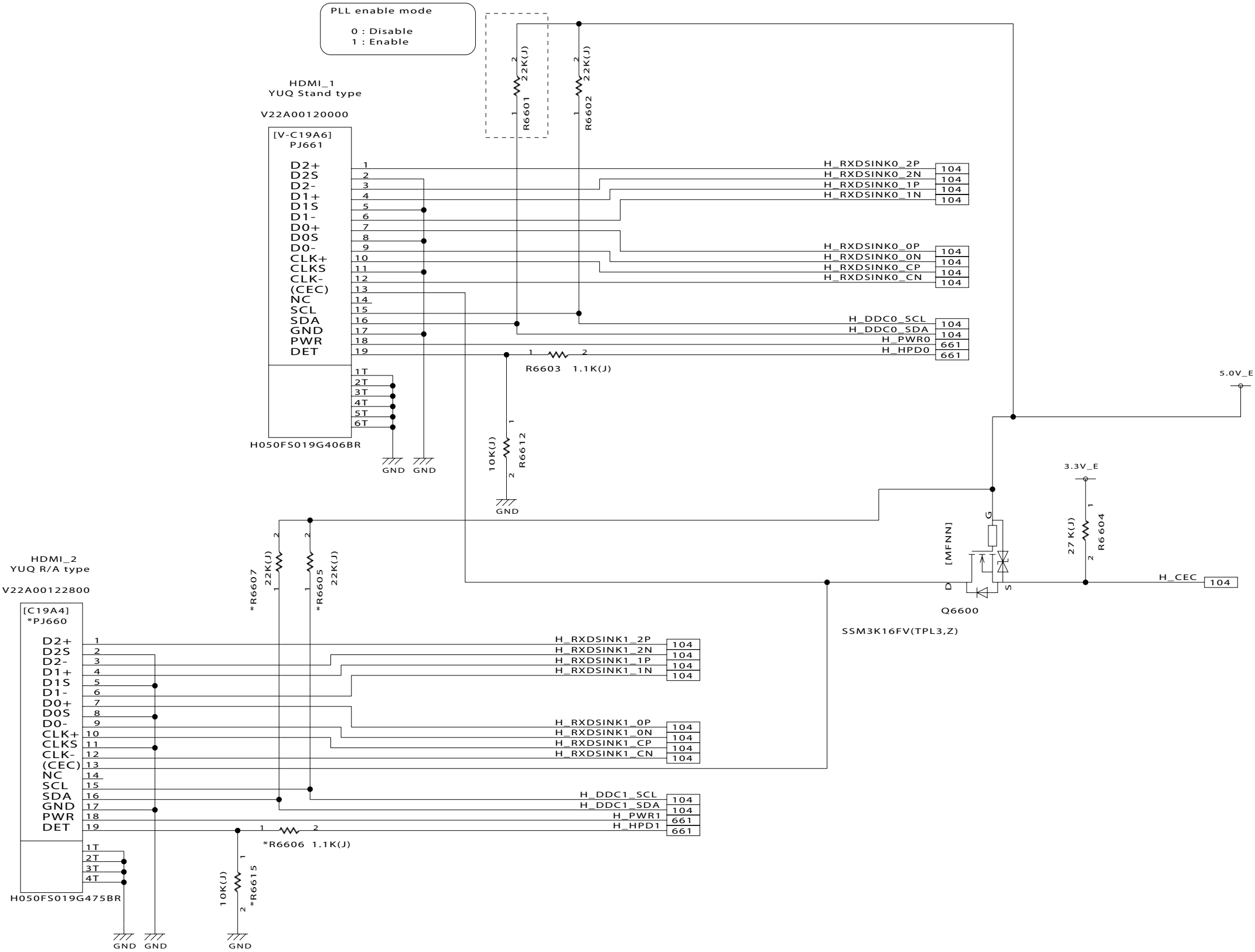
39inch model
RM651 - RM656
8Bit_Dual_Format



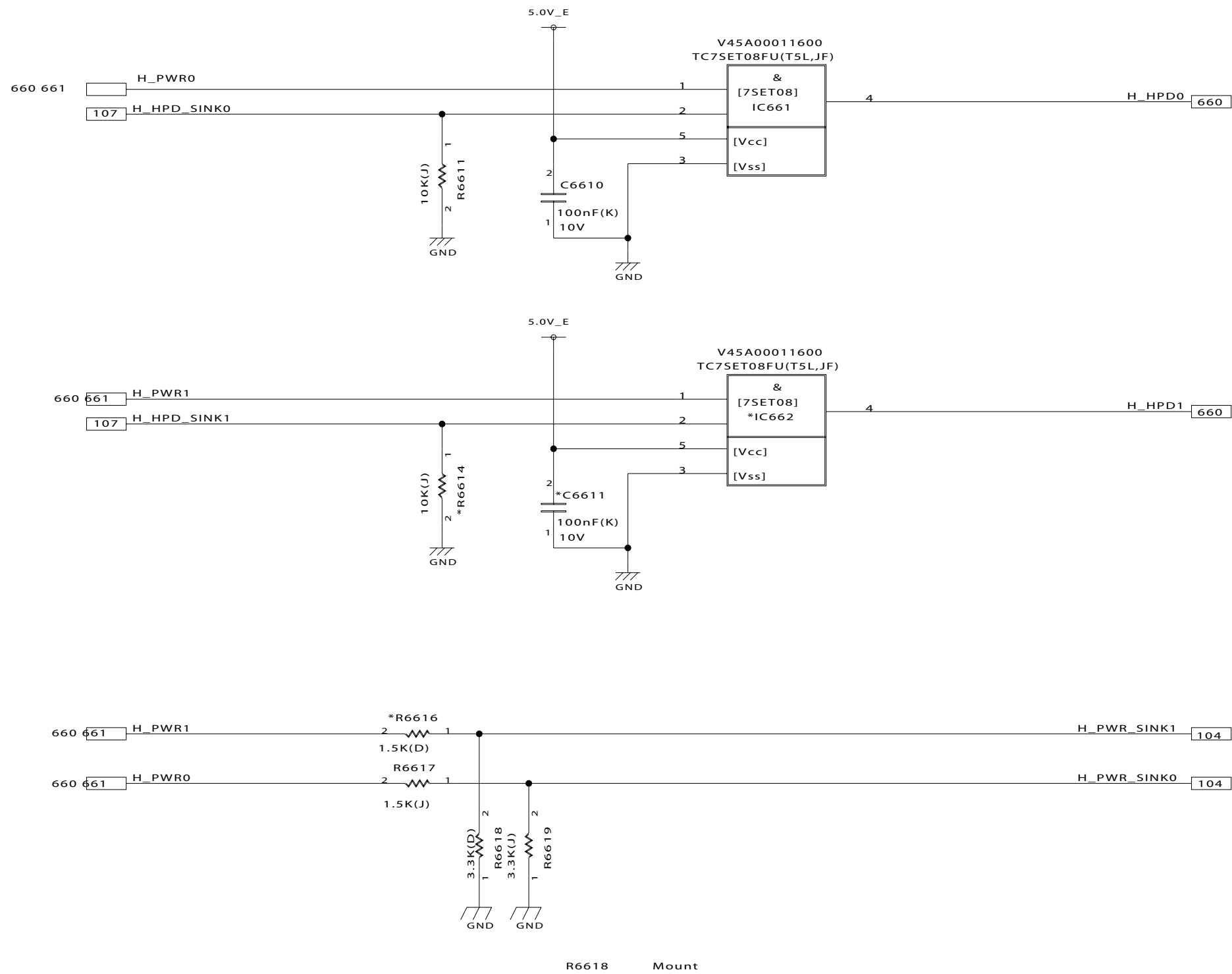
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	LVDS SoC OUT	650



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	LVDS Connector	651



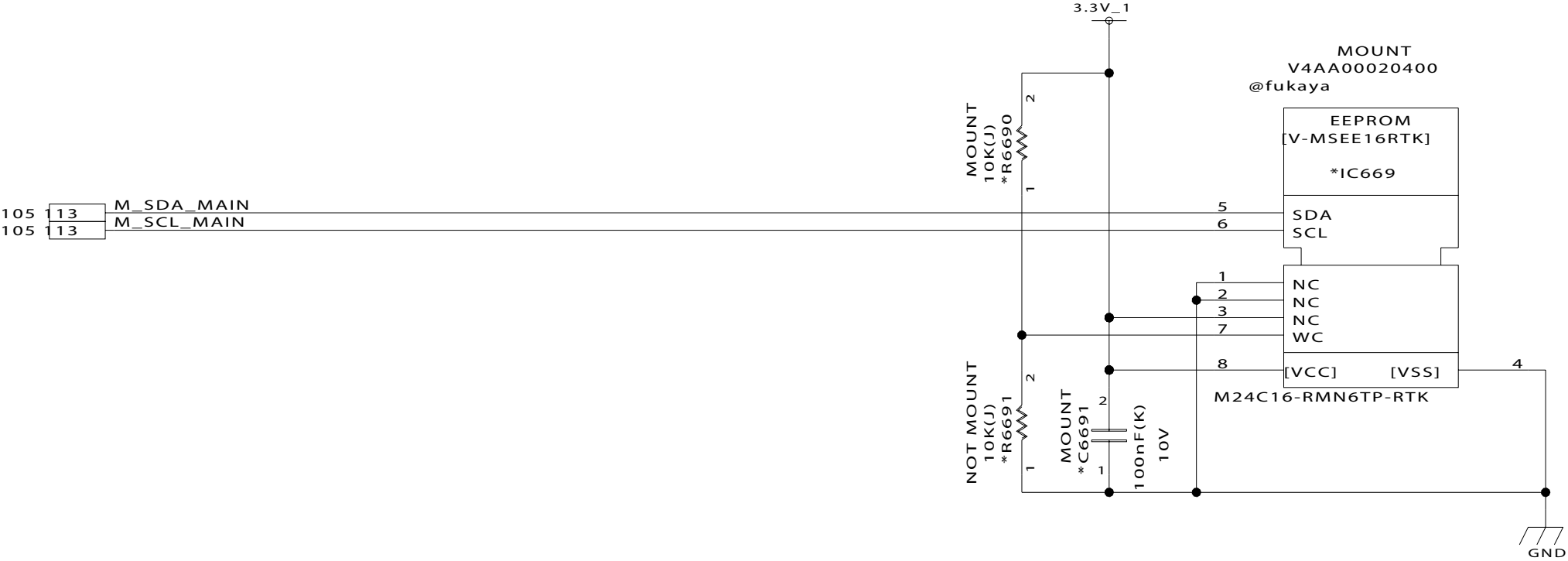
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	HDMI Connector	660



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	HDMI HPD/PWR5V	661

ARC Circuit Delete

TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	HDMI ARC	662



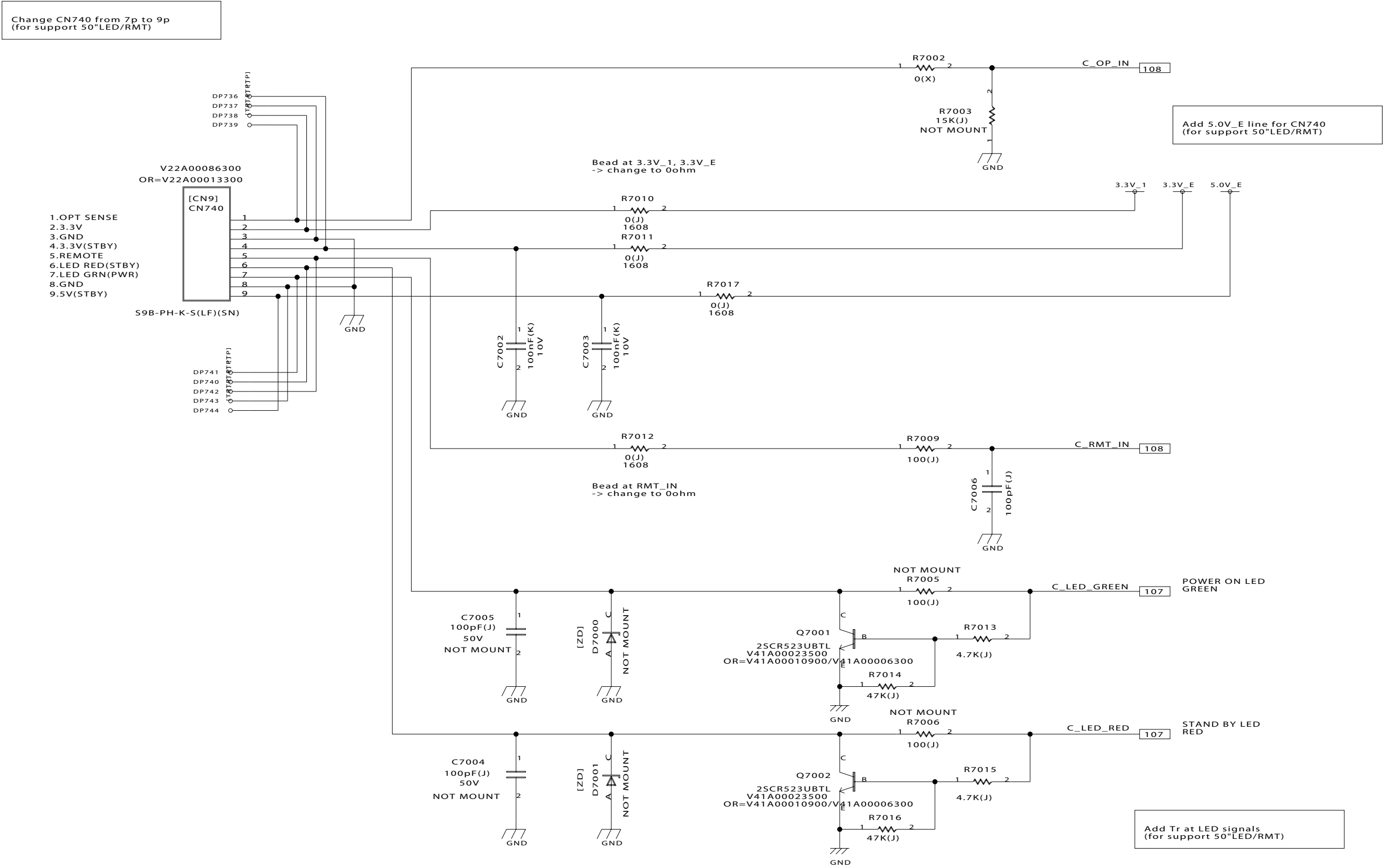
Delete C6690

Change IC669
V4AA00018000->V4AA00020400

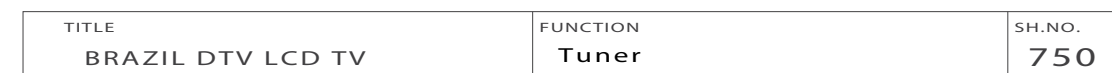
Add R6690 / R6691

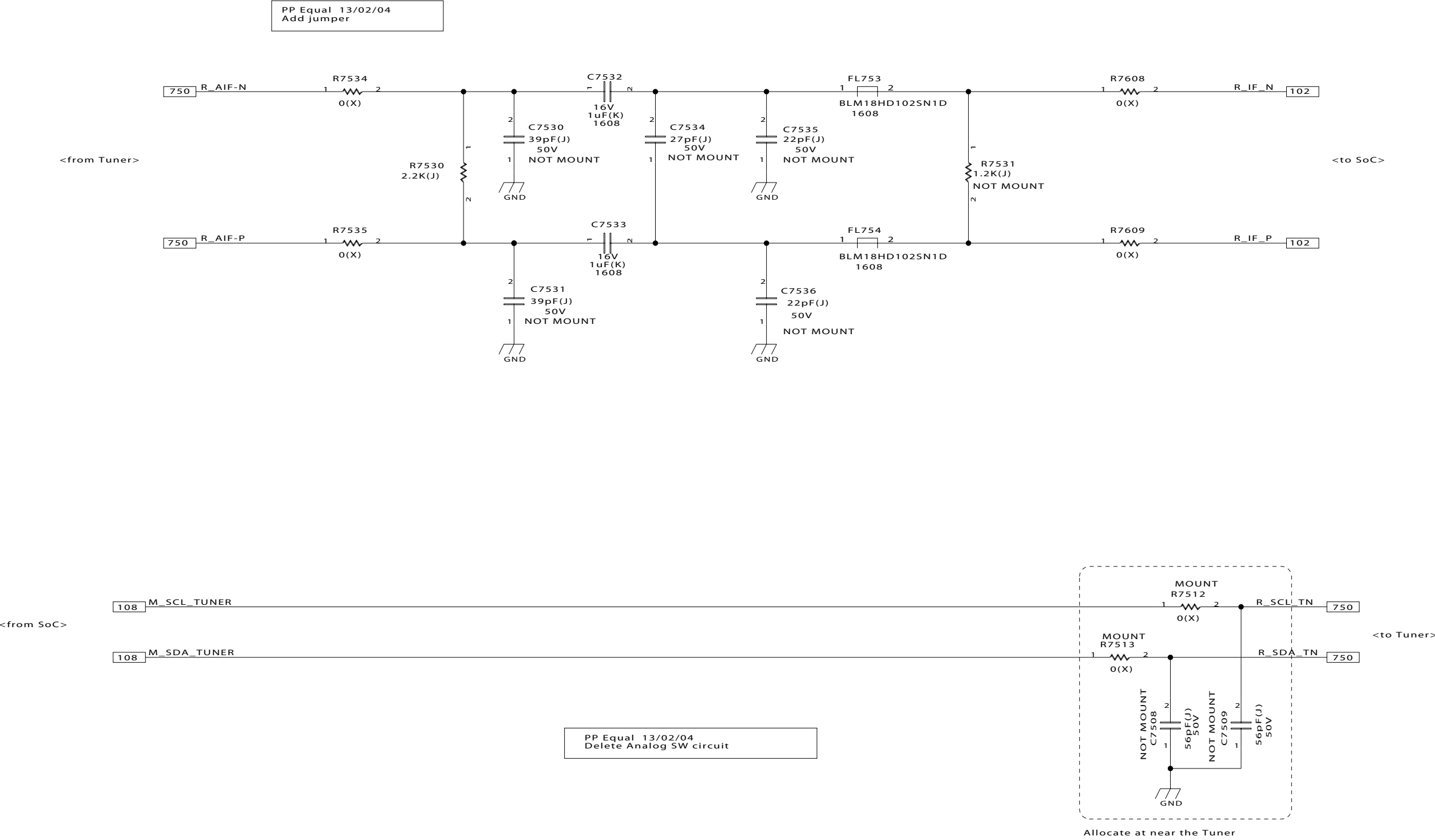
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	HDCP KEY ROM	669

Placa Principal (Todos Modelos)

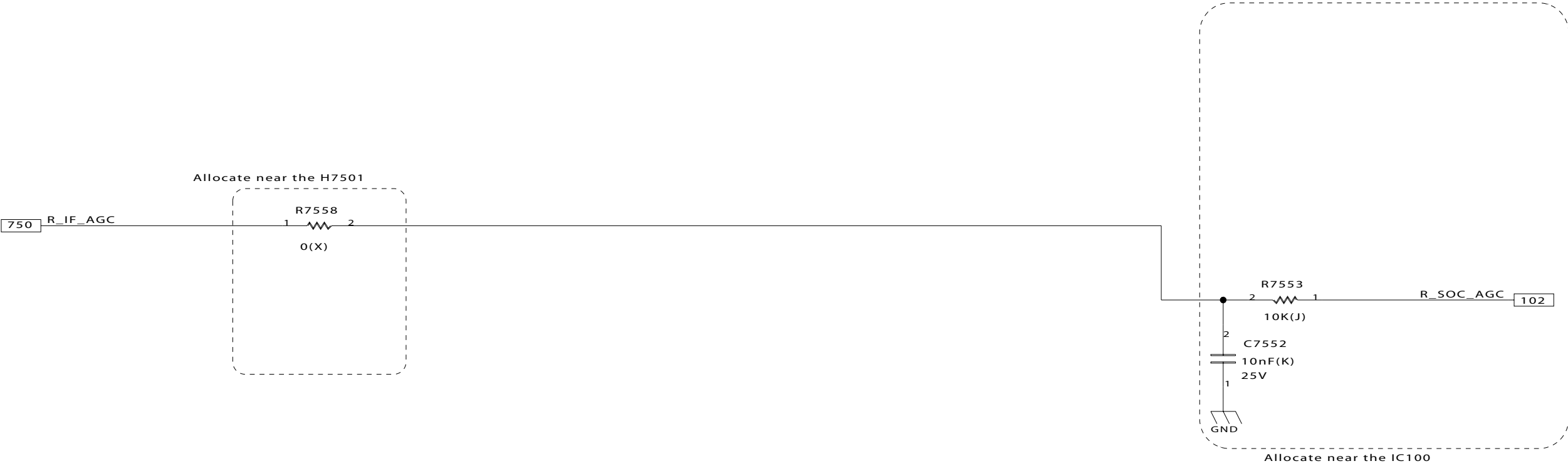


TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	LED/RMT I/F	700

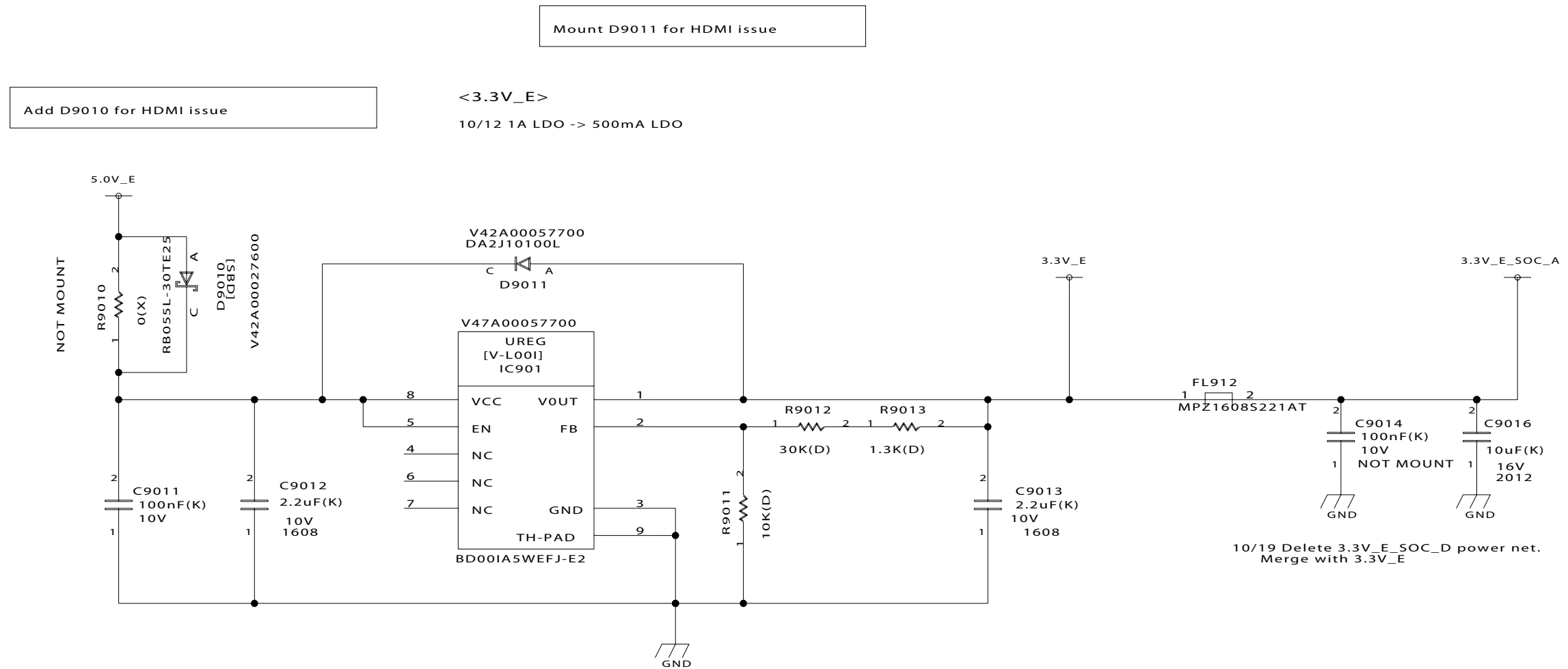




TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	IF SoC IN/I2C SoC OUT	751



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	IF AGC	755

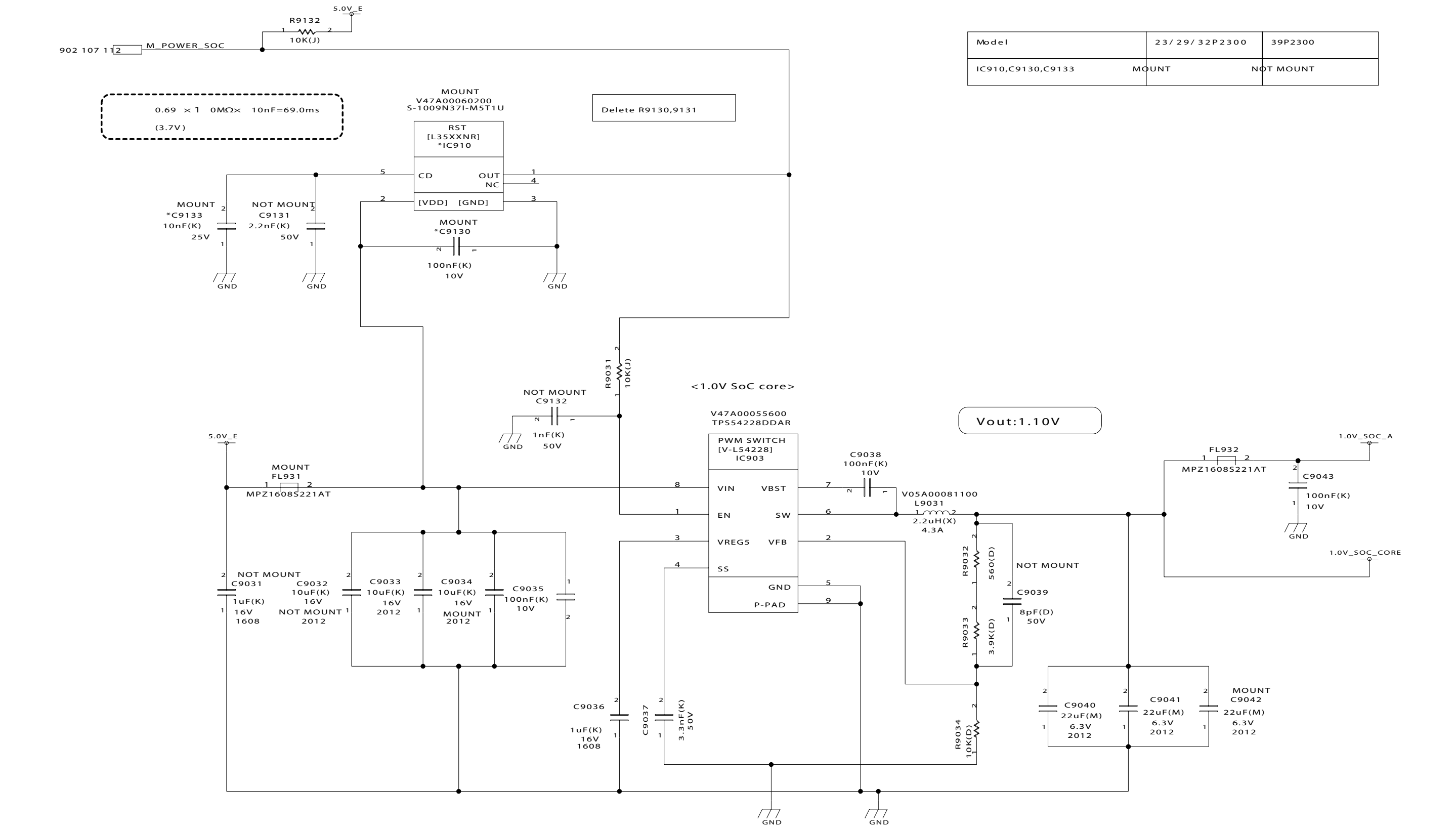


TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC 3.3V Power	901

40

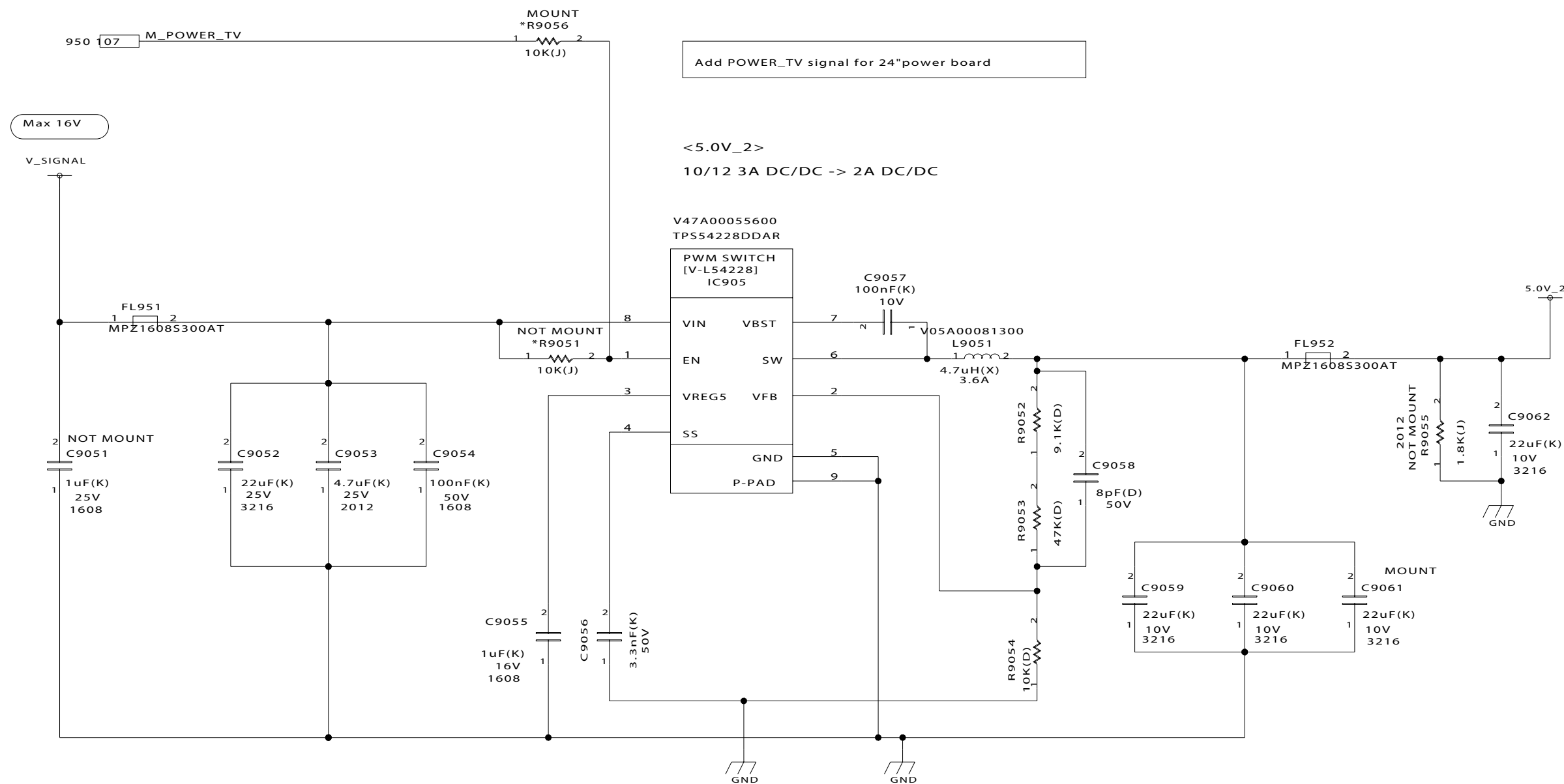
ESQUEMAS ELÉTRICOS

Placa Principal (Todos Modelos)

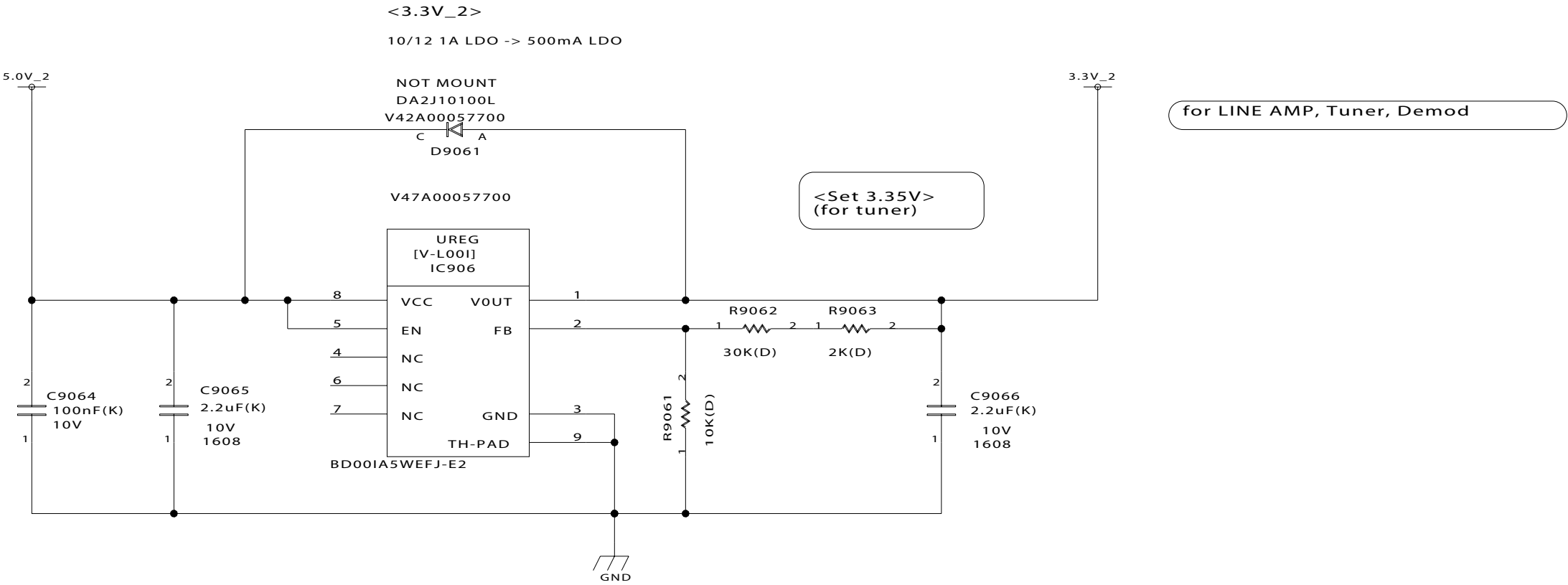


Model	23 / 29 / 32 P2300	39P2300
IC910,C9130,C9133	MOUNT	NOT MOUNT

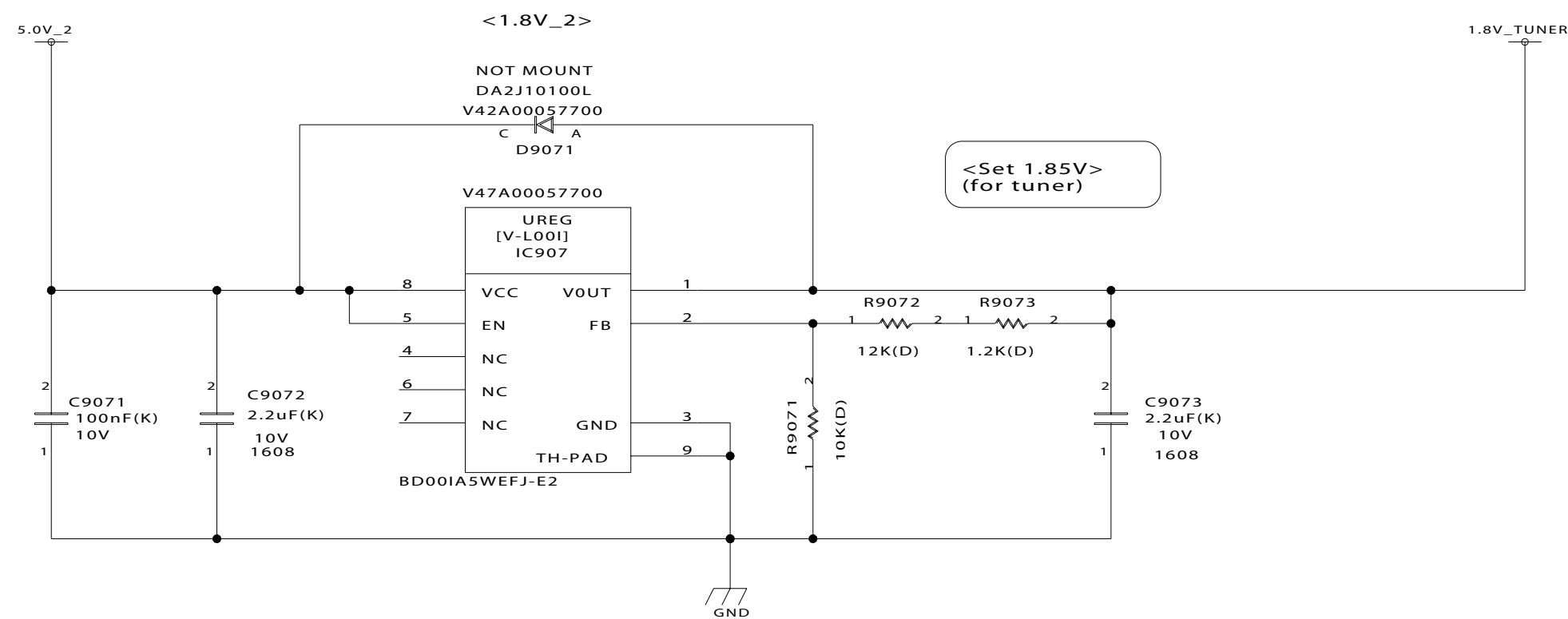
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	SoC 1.0V Power	903



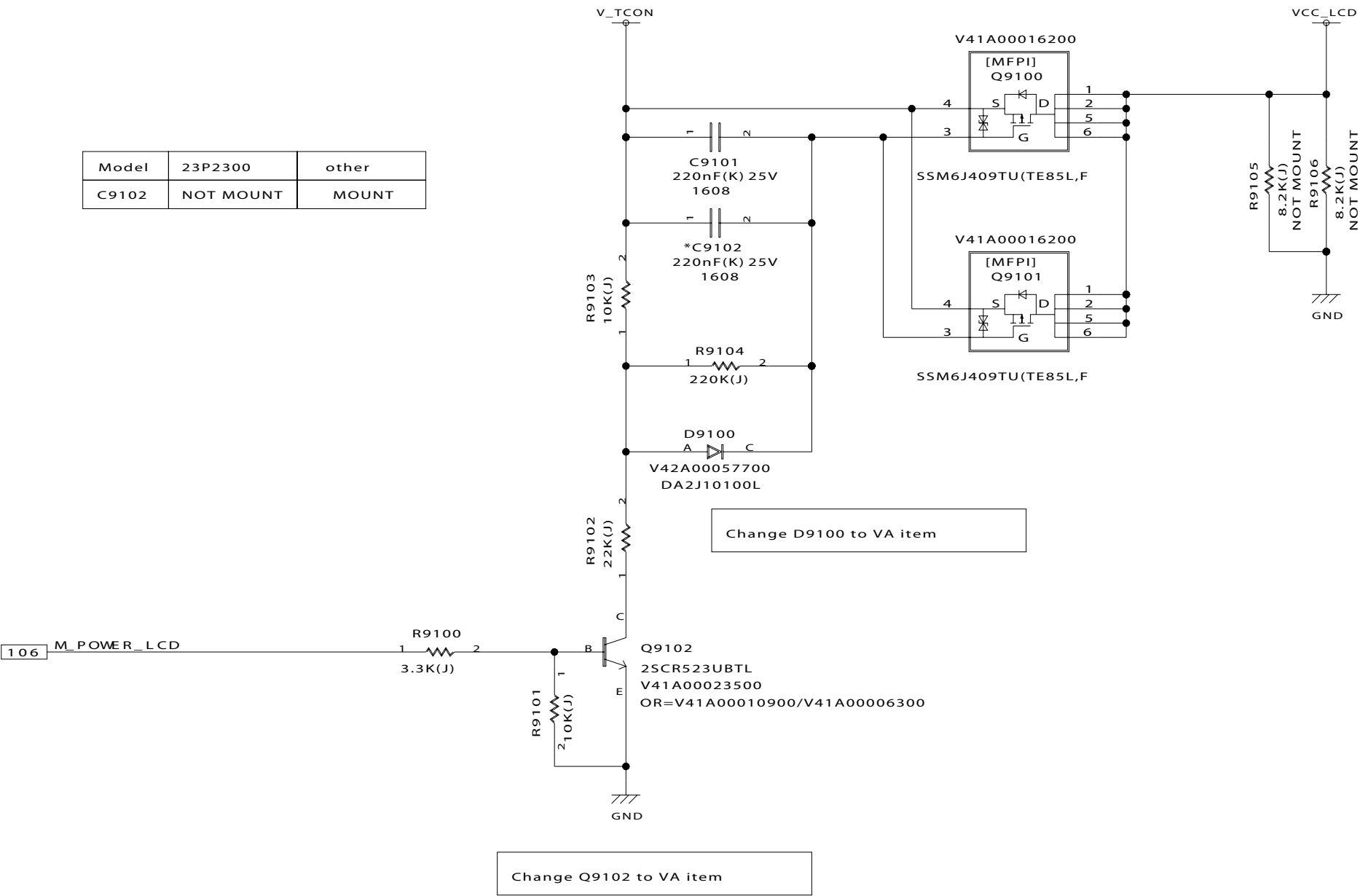
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	5.0V_2 Power	905



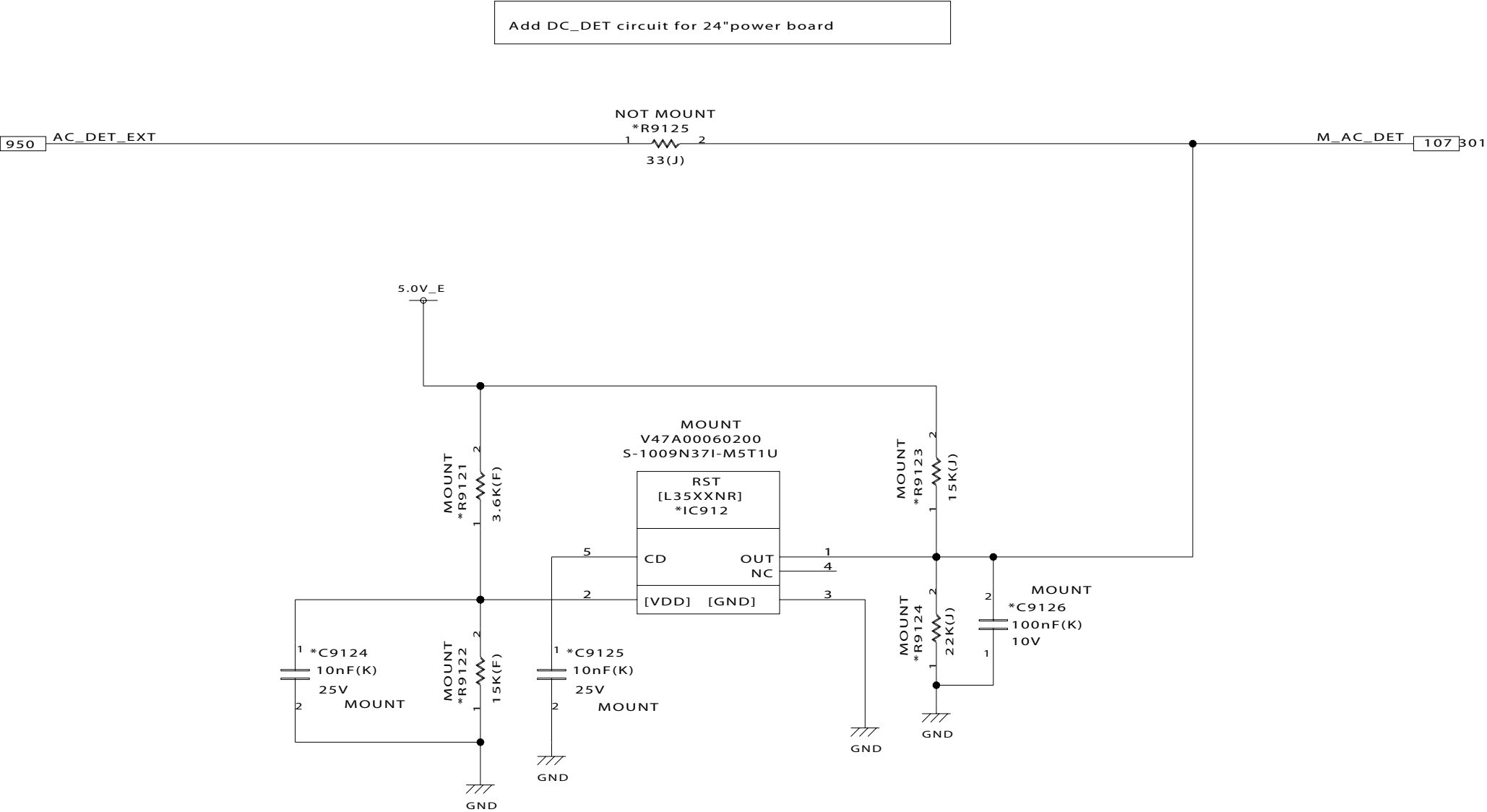
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	3.3V_2 Power	906



TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	Tuner 1.8V Power	907

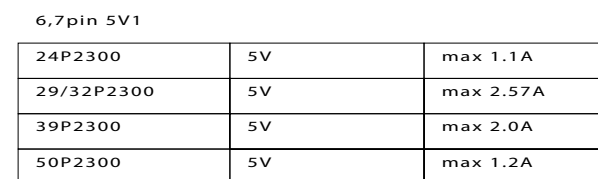


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BRAZIL DTV LCD TV	VCC LCD	911

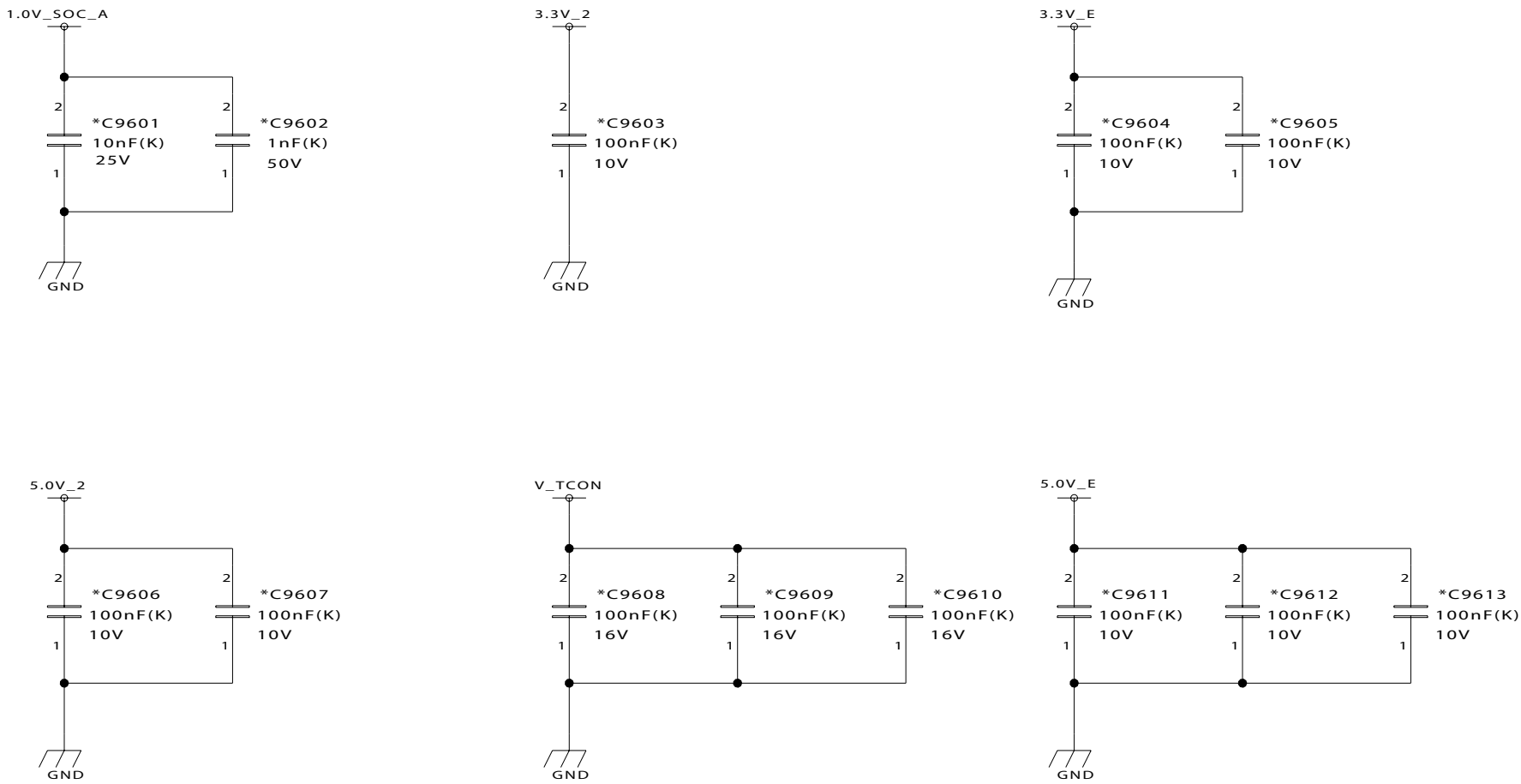


TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	Power Control	912

Placa Principal (Todos Modelos)

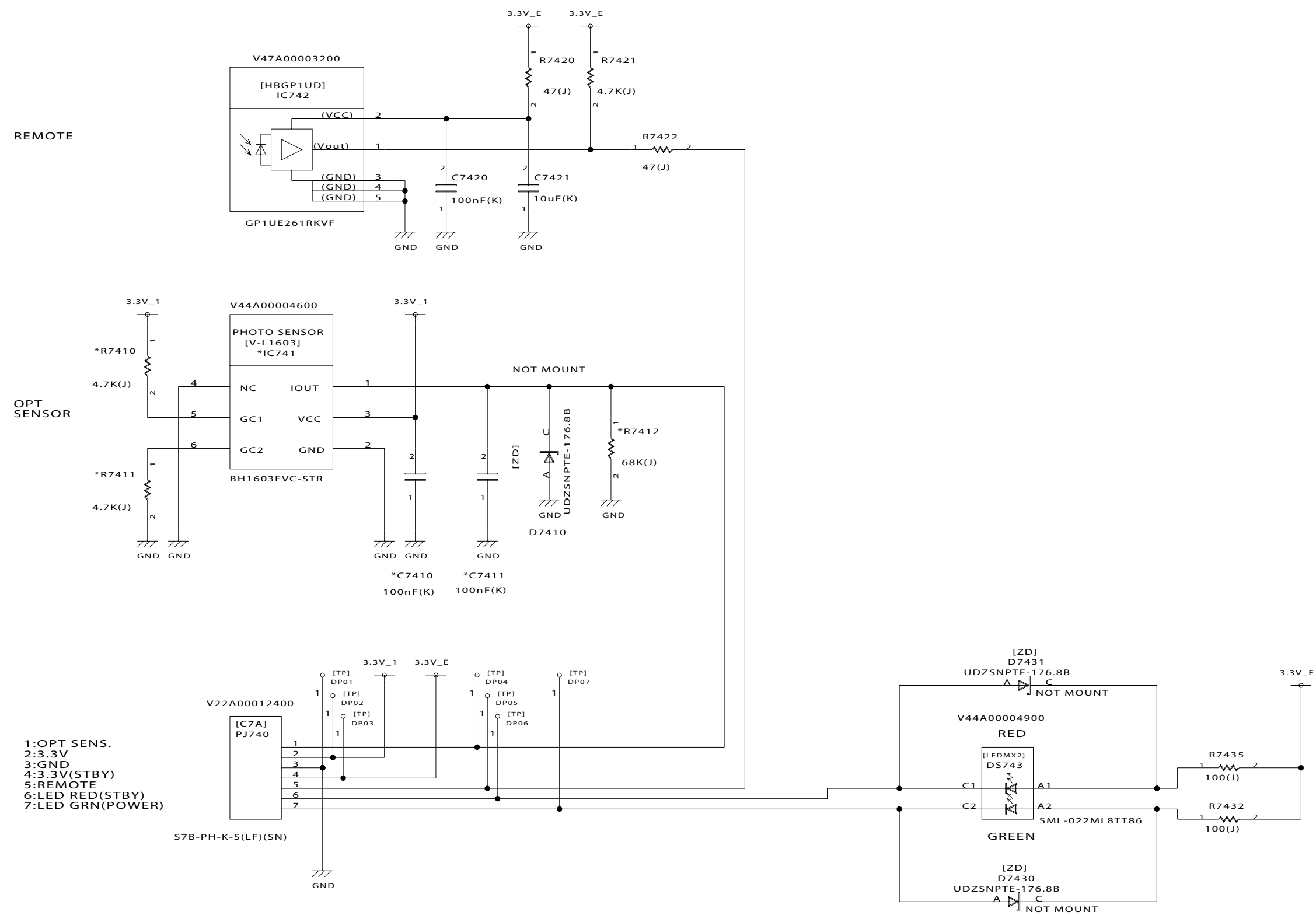


Add EMC componet after UTI simulation



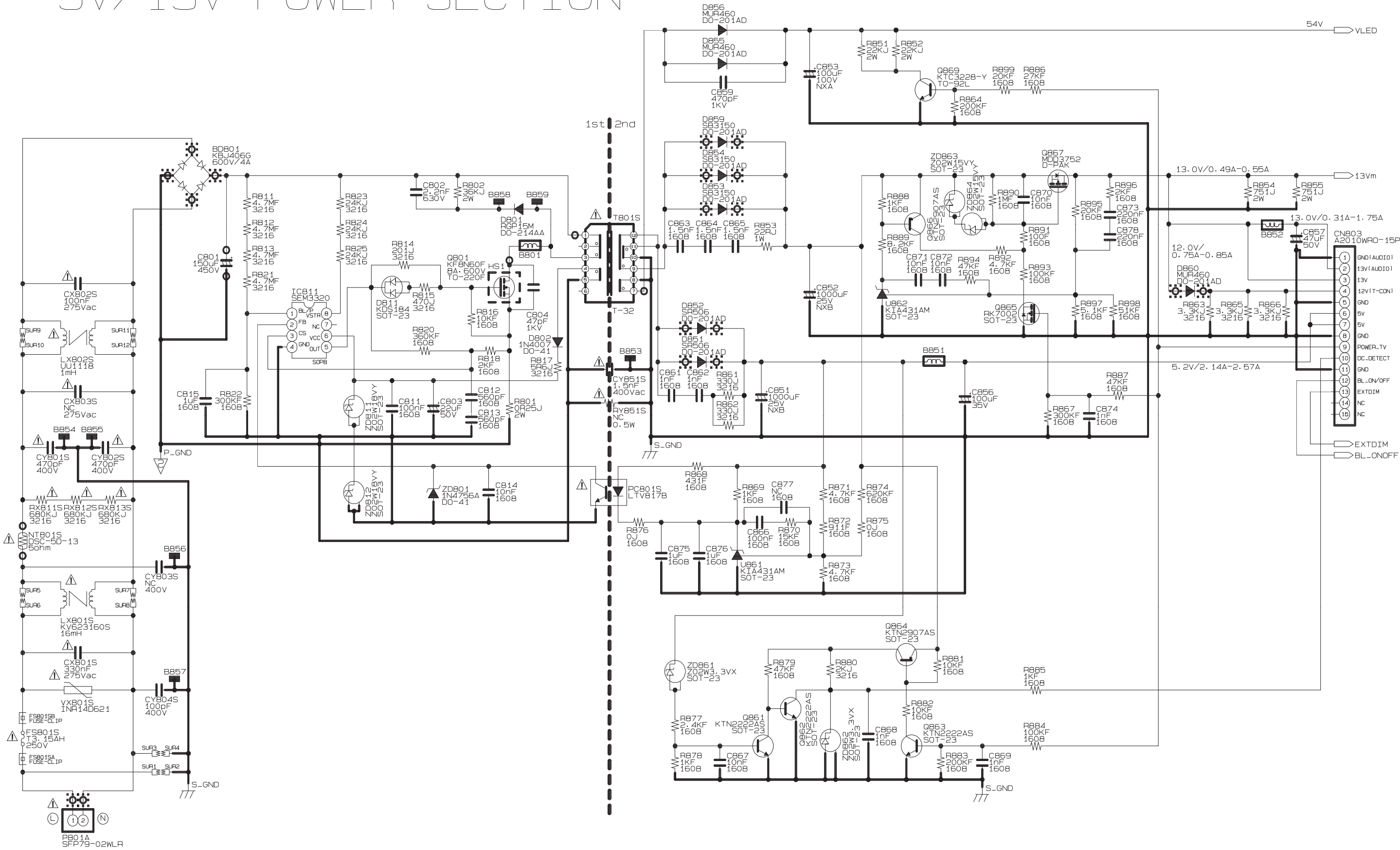
TITLE	FUNCTION	SH.NO.
BRAZIL DTV LCD TV	EMC Control	960

Placa Sensor LED (Todos Modelos)

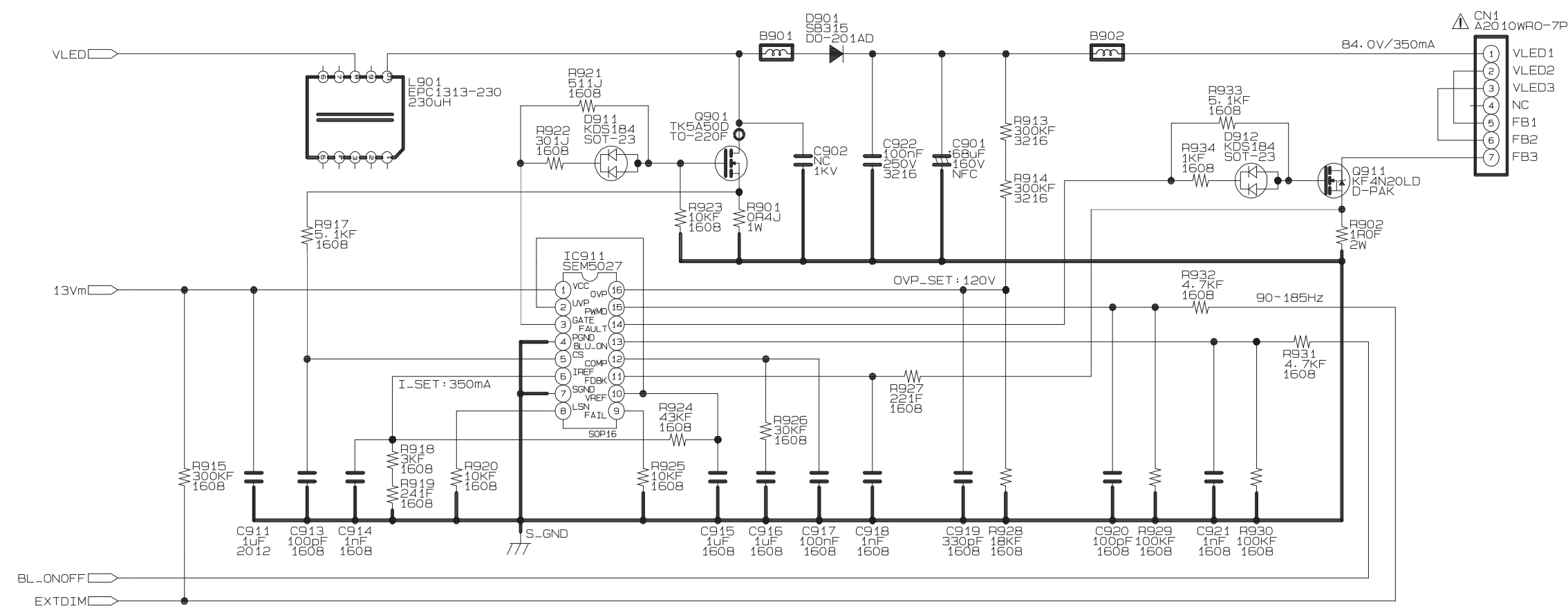


TITLE	FUNCTION	SH.NO.
LED/RMT BOARD	LED/REMOTE/OPT	100

5V/13V POWER SECTION



LED DRIVER SECTION



ETC

Bar-Code Label

TRACE-LABEL

D	I	A	TH	ICT	FT#1	B/I	FT#2	R/F

GUIDE-1GUIDE-2

CLASS2

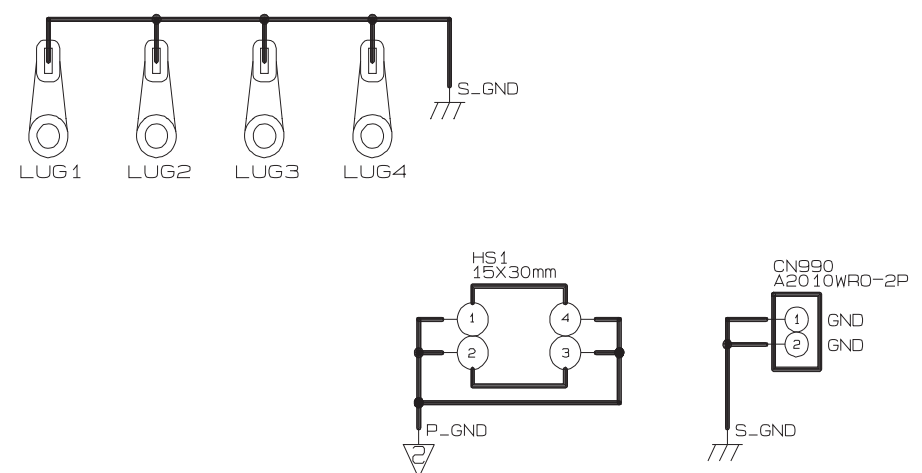
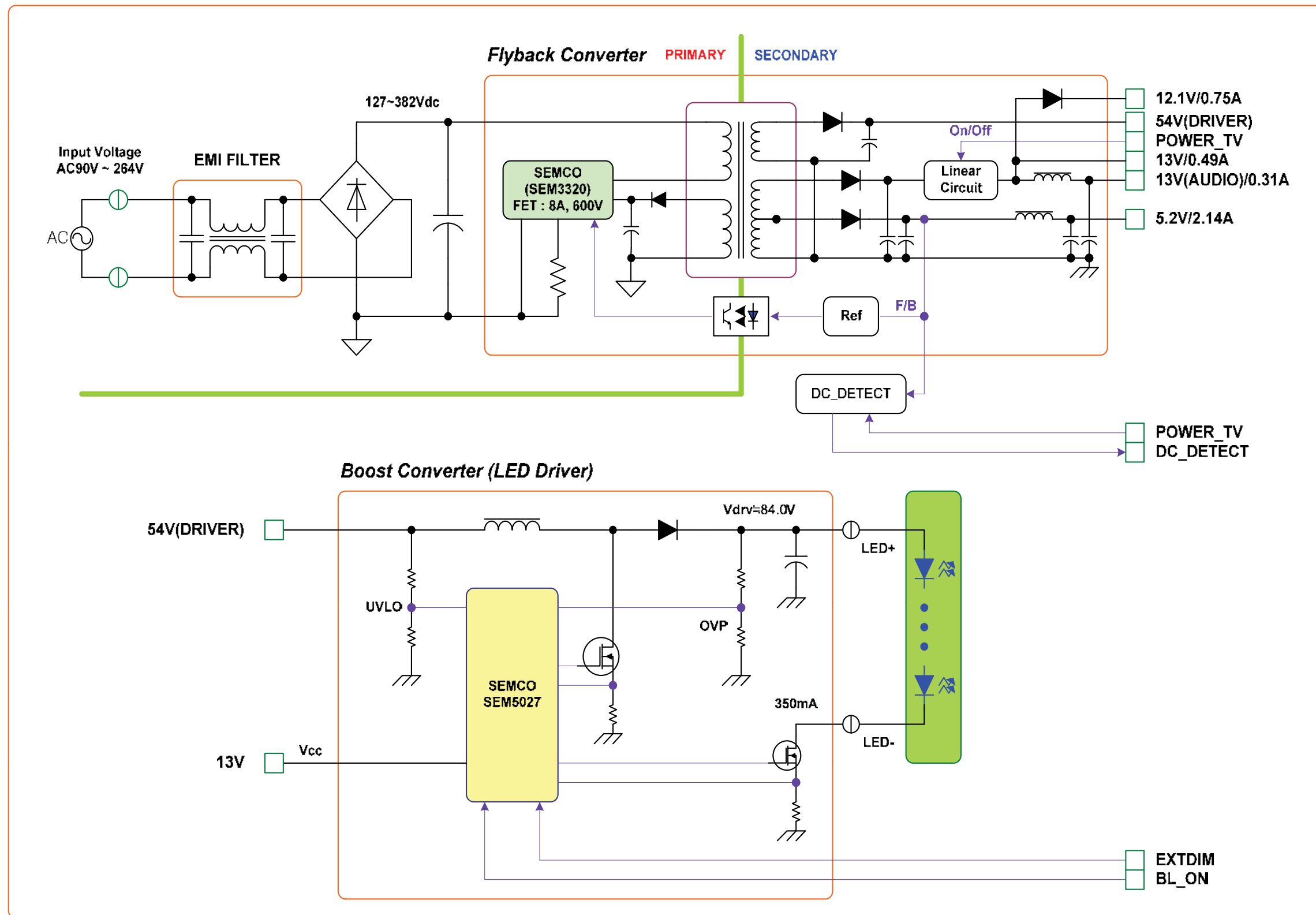
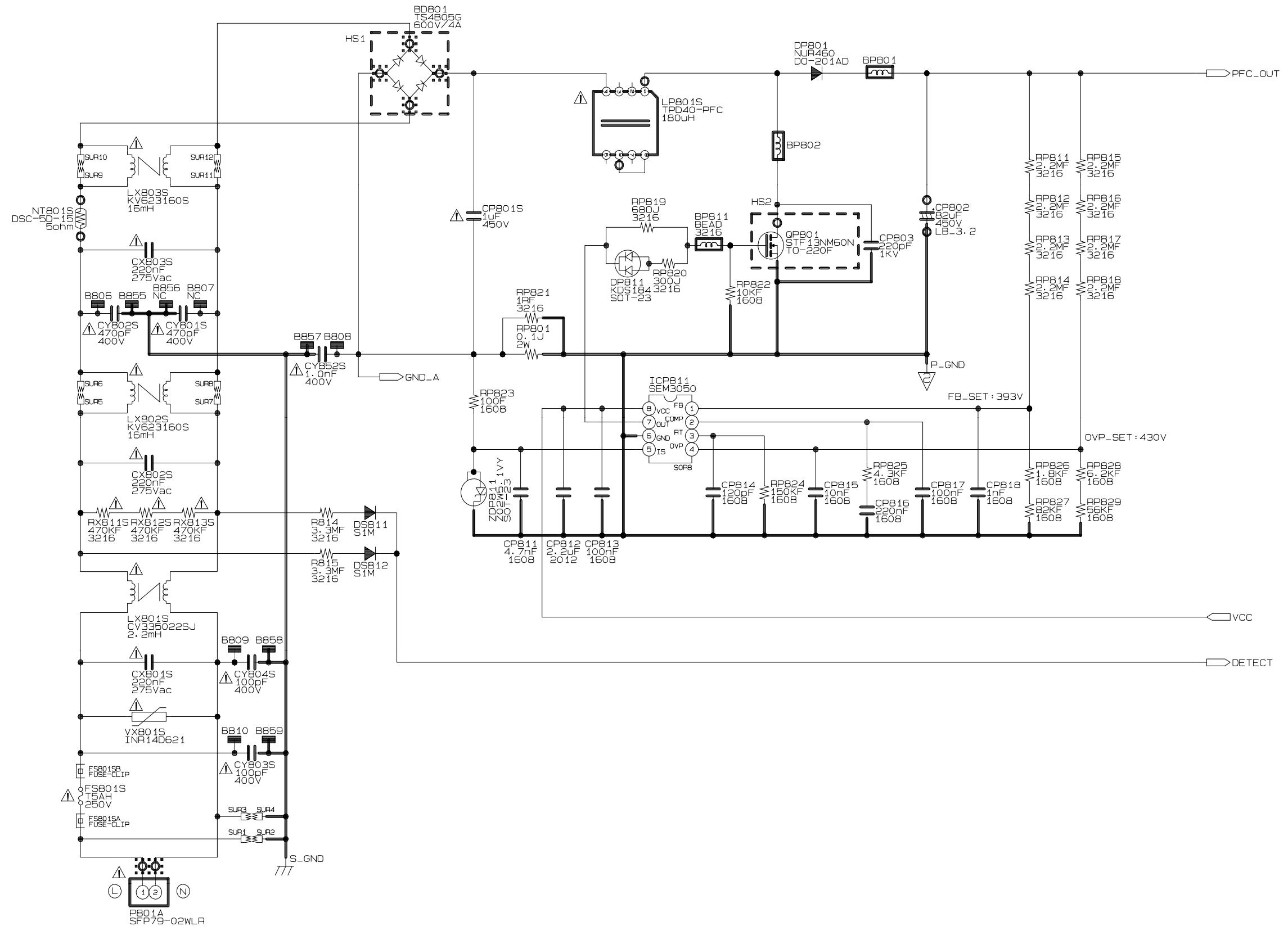


DIAGRAMA DE BLOCOS

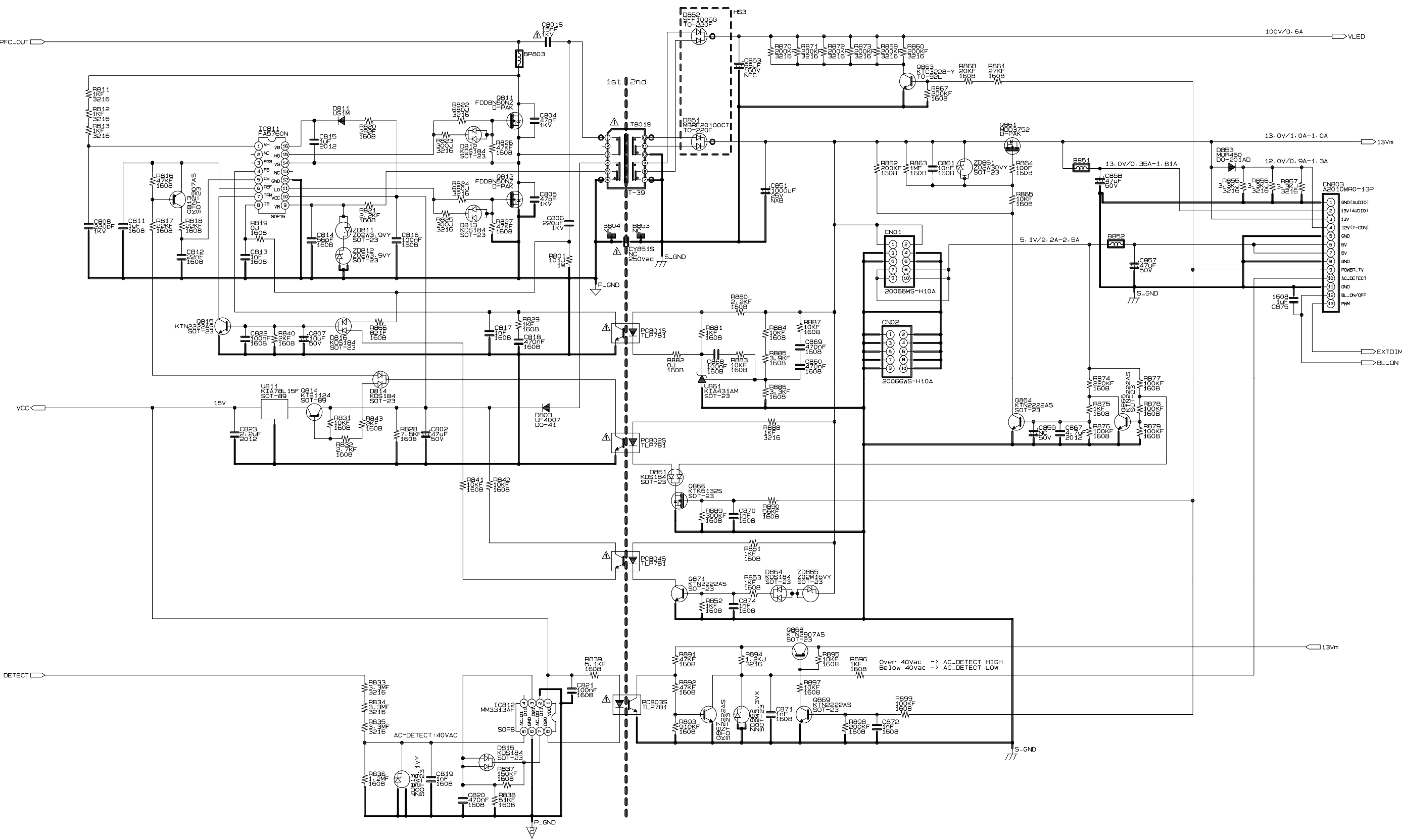
Placa Fonte 32L2300



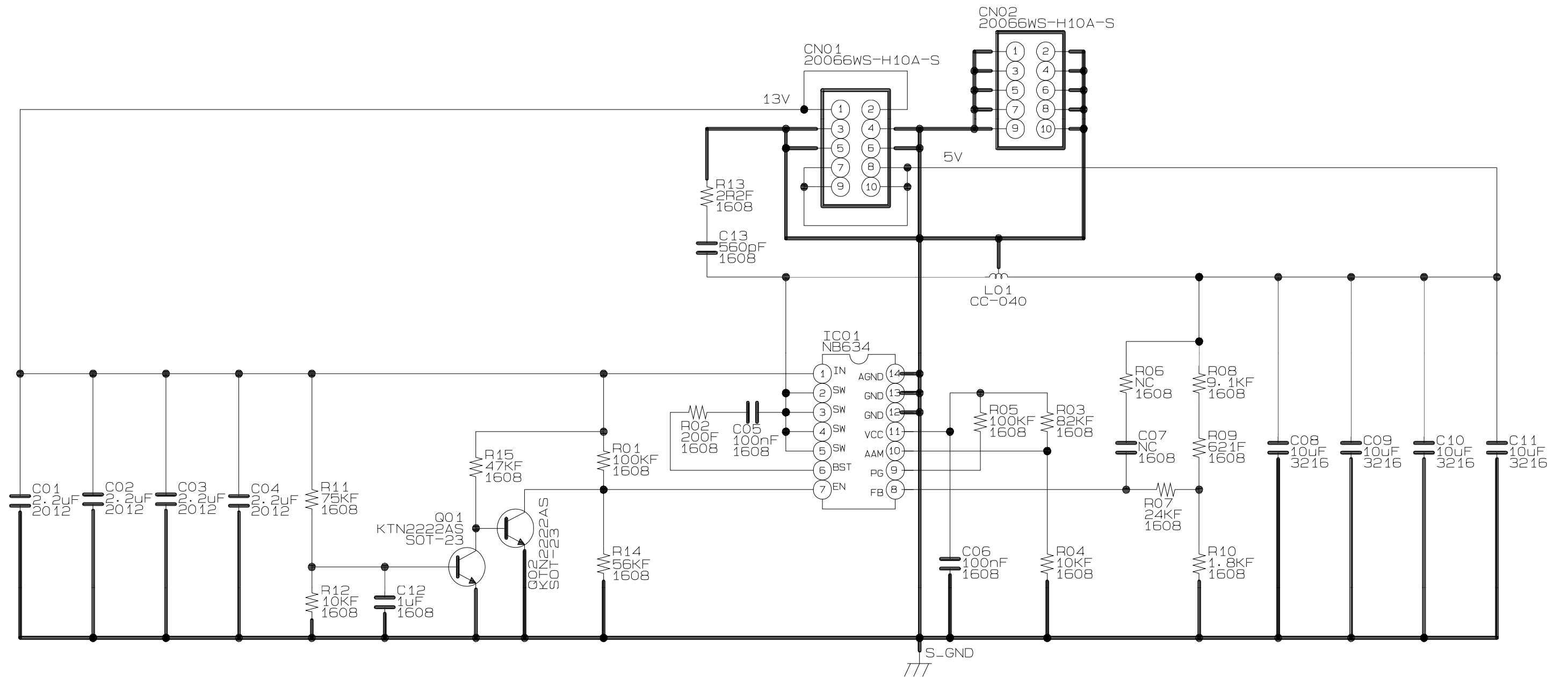
AC INPUT & PFC SECTION



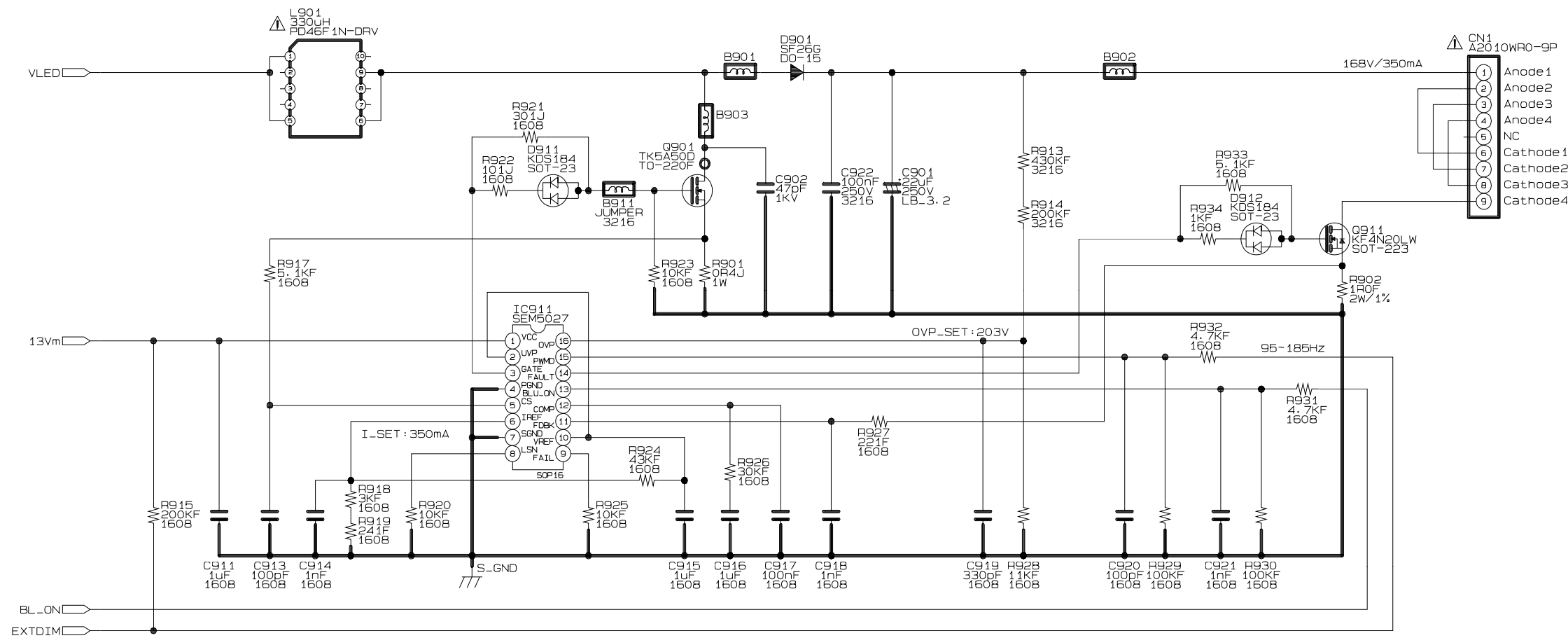
5V & 13V SECTION



5V SECTION



LED DRIVER SECTION



HEATSINK & ETC

Bar-Code Label

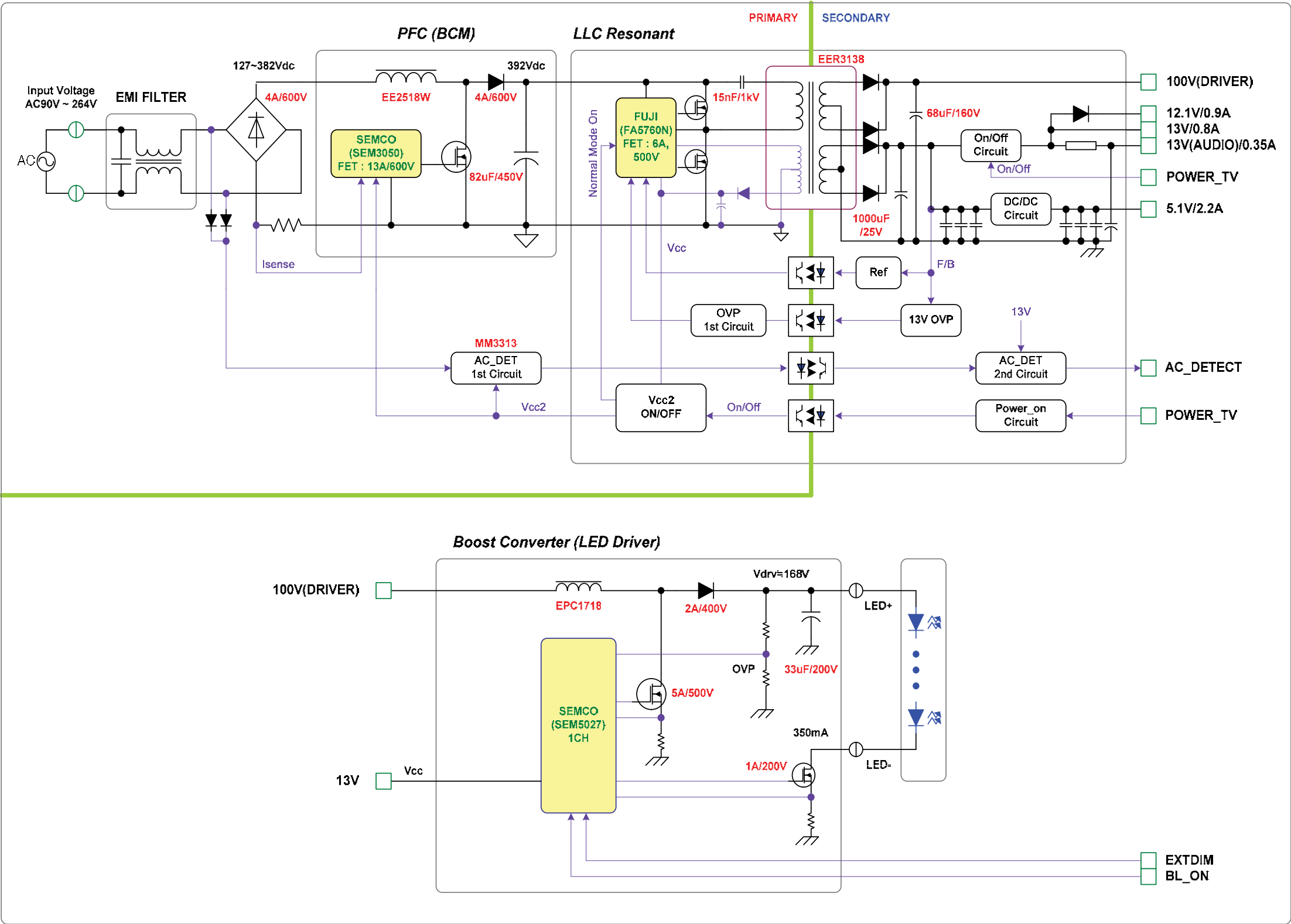
TRACE-LABEL

D	I	A	TH	IGT	FT#1	B/I	FT#2	R/F



DIAGRAMA DE BLOCOS

Placa Fonte 39L2300



LOCALIZAÇÃO DOS COMPONENTES

PCI Principal (Todos Modelos)

LOCALIZAÇÃO COMPONENTES PCI PRINCIPAL 32L2300.											
POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE
C1028	67,80	99,10	SMT	C1150	63,25	93,60	SMT	C6005	34,50	141,45	SMT
C1040	68,90	96,70	SMT	C1152	75,80	48,60	SMT	C6043	72,85	102,75	SMT
C1042	69,10	93,70	SMT	C1153	51,70	38,95	SMT	C6044	71,05	102,75	SMT
C1043	59,30	95,35	SMT	C1154	74,40	38,95	SMT	C6045	69,25	102,75	SMT
C1046	46,10	79,20	SMT	C1155	51,20	36,30	SMT	C6050	72,45	99,90	SMT
C1048	52,00	76,85	SMT	C1156	47,75	32,70	SMT	C6051	71,55	99,10	SMT
C1058	52,70	86,55	SMT	C1157	47,60	38,10	SMT	C6052	70,65	99,90	SMT
C1059	59,30	92,10	SMT	C1158	56,15	28,45	SMT	C6053	69,75	99,05	SMT
C1060	56,75	83,90	SMT	C1159	47,70	28,45	SMT	C6067	54,95	93,60	SMT
C1061	59,30	91,20	SMT	C1162	75,95	53,05	SMT	C6068	53,75	93,60	SMT
C1062	57,10	90,00	SMT	C1174	81,50	93,70	SMT	C6083	65,50	95,75	SMT
C1063	58,00	90,00	SMT	C1501	82,70	65,10	SMT	C6084	64,50	93,10	SMT
C1070	86,00	75,85	SMT	C1600	14,50	137,85	SMT	C6500	90,55	29,85	SMT
C1071	86,65	80,45	SMT	C1601	13,00	137,65	SMT	C6501	91,60	29,75	SMT
C1082	68,95	56,95	SMT	C1608	11,30	135,25	SMT	C6502	92,50	29,75	SMT
C1083	67,35	56,95	SMT	C1609	11,10	142,65	SMT	C6503	48,45	21,95	SMT
C1084	76,85	64,15	SMT	C3201	48,10	141,15	SMT	C6610	113,80	90,50	SMT
C1085	68,95	56,05	SMT	C3202	48,10	143,20	SMT	C6611	116,25	146,45	SMT
C1086	68,95	54,70	SMT	C3203	50,00	141,40	SMT	C6691	109,35	20,60	SMT
C1087	75,10	61,00	SMT	C3204	50,00	143,00	SMT	C7002	105,95	10,45	SMT
C1088	71,15	62,40	SMT	C3206	45,95	137,15	SMT	C7003	115,60	10,45	SMT
C1089	68,40	60,10	SMT	C3207	45,55	146,60	SMT	C7006	81,95	98,15	SMT
C1090	66,30	61,25	SMT	C3208	44,15	145,90	SMT	C7204	39,20	151,55	SMT
C1091	77,05	61,50	SMT	C3209	44,35	136,95	SMT	C7205	53,95	151,30	SMT
C1092	69,00	50,25	SMT	C3301	123,10	59,65	SMT	C7502	21,00	124,15	SMT
C1102	56,00	77,10	SMT	C3703	19,00	65,40	SMT	C7504	21,45	129,85	SMT
C1104	56,00	75,60	SMT	C3704	7,50	64,50	SMT	C7521	31,10	125,40	SMT
C1120	49,85	86,20	SMT	C3705	19,00	66,60	SMT	C7532	16,20	125,45	SMT
C1121	50,25	89,10	SMT	C3706	7,50	65,70	SMT	C7533	17,45	125,45	SMT
C1123	86,75	88,75	SMT	C3708	13,90	67,40	SMT	C7552	53,65	68,50	SMT
C1124	53,15	64,30	SMT	C3709	13,90	65,70	SMT	C9011	106,20	76,95	SMT
C1125	53,15	62,70	SMT	C3710	19,60	58,80	SMT	C9012	106,35	78,00	SMT
C1130	92,55	72,40	SMT	C3711	21,30	59,30	SMT	C9013	102,55	77,30	SMT
C1131	90,05	72,40	SMT	C3712	8,20	59,10	SMT	C9016	97,20	76,55	SMT
C1132	61,25	95,80	SMT	C3713	6,40	59,70	SMT	C9021	36,55	48,90	SMT
C1133	84,80	93,45	SMT	C3714	7,50	66,90	SMT	C9022	36,55	47,80	SMT
C1134	74,35	94,00	SMT	C3715	11,20	67,60	SMT	C9023	40,10	48,60	SMT
C1135	87,05	86,30	SMT	C3716	18,00	55,10	SMT	C9025	34,10	54,35	SMT
C1136	88,00	72,95	SMT	C3717	19,10	55,30	SMT	C9026	60,85	49,05	SMT
C1137	75,70	62,60	SMT	C3718	15,00	54,50	SMT	C9027	60,90	48,00	SMT
C1138	69,10	62,85	SMT	C3719	14,90	53,40	SMT	C9028	64,95	48,75	SMT
C1139	55,80	67,70	SMT	C3720	10,00	55,10	SMT	C9033	104,05	36,90	SMT
C1140	55,50	84,05	SMT	C3721	8,80	55,00	SMT	C9034	102,30	36,95	SMT
C1141	75,25	94,00	SMT	C3722	12,70	54,50	SMT	C9035	101,35	38,85	SMT
C1142	87,75	74,55	SMT	C3723	13,00	53,40	SMT	C9036	108,90	42,20	SMT
C1143	72,25	61,40	SMT	C3724	20,75	64,75	SMT	C9037	108,55	43,45	SMT
C1144	56,70	66,80	SMT	C3725	5,75	65,15	SMT	C9038	99,75	41,75	SMT
C1145	65,15	61,25	SMT	C3726	25,40	32,30	SMT	C9040	104,20	51,45	SMT
C1146	54,15	80,20	SMT	C3729	23,90	45,20	SMT	C9041	104,20	53,25	SMT
C1147	73,10	93,70	SMT	C3732	6,00	33,10	SMT	C9042	104,20	55,05	SMT
C1148	64,00	61,25	SMT	C3735	7,20	45,20	SMT	C9043	98,40	72,95	SMT
C1149	55,90	82,00	SMT	C6004	31,35	141,45	SMT	C9052	20,30	23,10	SMT

LOCALIZAÇÃO COMPONENTES PCI PRINCIPAL 32L2300.											
POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE
C9053	20,55	25,05	SMT	FL102	63,30	97,30	SMT	L9051	32,55	29,10	SMT
C9054	22,40	27,15	SMT	FL104	48,10	79,20	SMT	PJ160	17,50	152,03	SMT
C9055	26,50	20,25	SMT	FL105	47,70	76,80	SMT	PJ600	115,10	118,50	HAND
C9056	27,60	20,50	SMT	FL106	48,90	78,00	SMT	PJ601	35,00	135,00	HAND
C9057	25,50	29,35	SMT	FL107	67,70	93,80	SMT	PJ660	110,00	152,85	SMT
C9058	23,20	20,55	SMT	FL108	58,40	94,30	SMT	PJ661	110,60	102,19	SMT
C9059	33,00	24,35	SMT	FL135	55,60	64,40	SMT	Q3100	81,50	108,10	SMT
C9060	33,00	22,25	SMT	FL136	55,60	63,00	SMT	Q3101	73,40	106,90	SMT
C9061	33,00	20,15	SMT	FL140	101,05	60,15	SMT	Q6600	100,30	103,80	SMT
C9062	41,10	19,90	SMT	FL149	85,05	91,70	SMT	Q7001	122,30	15,70	SMT
C9064	19,25	93,20	SMT	FL160	16,00	143,55	SMT	Q7002	122,30	19,60	SMT
C9065	19,35	92,15	SMT	FL161	13,15	134,65	SMT	Q9100	56,35	19,95	SMT
C9066	22,70	93,10	SMT	FL164	82,00	143,90	SMT	Q9101	56,35	16,65	SMT
C9071	20,35	138,10	SMT	FL320	47,30	146,05	SMT	Q9102	53,70	23,10	SMT
C9072	20,50	137,05	SMT	FL371	25,40	37,10	SMT	R1070	87,20	85,15	SMT
C9073	23,75	137,90	SMT	FL372	23,50	47,20	SMT	R1071	87,60	76,00	SMT
C9101	54,55	20,15	SMT	FL373	6,10	37,10	SMT	R1072	88,25	80,70	SMT
C9102	54,55	16,70	SMT	FL374	7,60	47,20	SMT	R1073	83,90	64,90	SMT
C9121	35,15	12,40	SMT	FL753	46,70	82,70	SMT	R1074	93,20	64,70	SMT
C9130	108,20	31,50	SMT	FL754	46,70	81,50	SMT	R1075	94,10	64,70	SMT
C9133	114,20	32,60	SMT	FL912	98,20	78,65	SMT	R1076	106,30	30,60	SMT
C9501	29,05	15,30	SMT	FL923	42,85	47,85	SMT	R1077	110,55	28,80	SMT
C9502	29,00	16,40	SMT	FL931	107,85	36,00	SMT	R1078	57,90	92,00	SMT
C9505	15,40	11,25	SMT	FL932	103,75	60,15	SMT	R1079	53,30	85,15	SMT
C9506	25,90	13,70	SMT	FL951	19,30	20,60	SMT	R1080	87,85	90,45	SMT
C9508	25,90	16,00	SMT	FL952	37,45	19,75	SMT	R1081	52,50	80,80	SMT
C9509	25,90	14,90	SMT	FL990	30,75	13,00	SMT	R1082	66,40	59,05	SMT
C9512	13,60	11,70	SMT	FL991	24,00	13,00	SMT	R1083	53,30	83,95	SMT
CN300	11,10	15,80	HAND	FL992	21,05	12,60	SMT	R1084	48,20	91,15	SMT
CN650	78,60	23,70	SMT	H7501	35,00	114,50	HAND	R1085	74,05	97,05	SMT
CN740	101,00	8,20	HAND	IC100	71,20	78,30	SMT	R1088	42,55	66,75	SMT
CN950	20,00	10,50	HAND	IC111A	63,05	38,95	SMT	R1095	67,20	62,85	SMT
CN991	11,00	130,00	HAND	IC112	75,25	51,40	SMT	R1096	68,95	57,85	SMT
D1001	41,10	67,40	SMT	IC113	48,10	35,40	SMT	R1097	67,35	57,85	SMT
D1002	49,70	22,00	SMT	IC115	74,75	55,70	SMT	R1117	87,00	93,05	SMT
D3100	75,50	102,75	SMT	IC160	10,90	137,45	SMT	R1120	49,85	87,80	SMT
D3101	77,70	108,40	SMT	IC321	43,70	141,60	SMT	R1121	50,75	87,80	SMT
D3301	119,75	59,30	SMT	IC370	13,90	60,10	SMT	R1124	36,35	98,45	SMT
D3701	20,20	32,40	SMT	IC661	116,00	90,80	SMT	R1125	36,35	99,35	SMT
D3702	15,10	16,50	SMT	IC662	116,90	148,15	SMT	R1126	61,90	56,80	SMT
D3703	22,90	41,40	SMT	IC669	108,10	24,70	SMT	R1127	62,45	58,40	SMT
D3704	10,40	12,00	SMT	IC901	103,95	73,80	SMT	R1128	88,00	88,45	SMT
D3705	9,20	30,30	SMT	IC902	38,25	52,05	SMT	R1130	94,20	136,75	SMT
D3706	9,20	28,60	SMT	IC903	103,95	41,95	SMT	R1131	93,30	136,75	SMT
D3707	8,20	41,40	SMT	IC904	62,95	52,15	SMT	R1132	94,55	138,00	SMT
D3708	13,20	32,40	SMT	IC905	25,70	25,15	SMT	R1133	92,95	138,00	SMT
D9010	108,00	65,85	SMT	IC906	20,90	96,65	SMT	R1140	92,75	74,70	SMT
D9011	103,25	79,30	SMT	IC907	22,05	141,30	SMT	R1141	64,10	59,05	SMT
D9100	51,60	19,30	SMT	IC910	110,75	31,90	SMT	R1145	74,60	34,60	SMT
DS300	121,00	69,00	HAND	L7501	35,30	124,35	SMT	R1146	75,00	42,50	SMT
E101	115,15	51,90	HAND	L7502	23,05	132,75	SMT	R1147	75,00	41,45	SMT
FL100	67,80	96,10	SMT	L9031	98,90	48,95	SMT	R1148	75,00	37,35	SMT

LOCALIZAÇÃO DOS COMPONENTES

PCI Principal (Todos Modelos)

LOCALIZAÇÃO COMPONENTES PCI PRINCIPAL 32L2300.											
POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE
R1149	51,50	33,20	SMT	R6008	50,80	110,50	SMT	R7207	88,10	94,85	SMT
R1154	58,35	55,50	SMT	R6009	84,90	110,70	SMT	R7208	89,00	94,85	SMT
R1156	54,20	55,35	SMT	R6013	62,00	105,30	SMT	R7502	21,00	125,05	SMT
R1157	60,80	56,80	SMT	R6014	64,75	106,70	SMT	R7512	31,30	122,95	SMT
R1158	60,35	61,40	SMT	R6015	57,70	97,65	SMT	R7513	30,40	122,95	SMT
R1160	59,95	62,70	SMT	R6016	59,30	97,65	SMT	R7530	16,85	123,80	SMT
R1164	56,80	56,30	SMT	R6043	72,45	104,00	SMT	R7534	16,40	122,50	SMT
R1167	51,30	42,90	SMT	R6044	70,65	104,00	SMT	R7535	17,30	122,50	SMT
R1168	51,30	42,00	SMT	R6045	68,85	104,00	SMT	R7553	54,95	68,90	SMT
R1170	13,40	80,90	SMT	R6052	72,45	101,50	SMT	R7558	21,00	125,95	SMT
R1173	50,30	36,30	SMT	R6053	71,55	101,50	SMT	R7608	50,10	81,20	SMT
R1174	82,40	94,60	SMT	R6054	70,65	101,50	SMT	R7609	49,20	81,20	SMT
R1175	48,15	40,40	SMT	R6055	73,35	101,50	SMT	R9011	99,85	73,40	SMT
R1177	76,65	54,40	SMT	R6056	68,85	101,50	SMT	R9012	99,85	75,00	SMT
R1601	51,50	67,55	SMT	R6057	69,75	101,50	SMT	R9013	99,85	76,60	SMT
R1602	53,05	66,70	SMT	R6067	55,10	96,55	SMT	R9031	110,10	34,10	SMT
R1604	48,05	67,45	SMT	R6068	53,80	96,50	SMT	R9032	109,45	39,20	SMT
R1605	51,45	66,65	SMT	R6069	53,55	95,20	SMT	R9033	108,15	39,70	SMT
R1611	8,05	138,30	SMT	R6070	55,15	95,20	SMT	R9034	108,55	41,00	SMT
R1622	82,60	136,20	SMT	R6080	65,50	98,25	SMT	R9051	21,00	21,50	SMT
R1625	83,50	136,20	SMT	R6501	47,55	21,95	SMT	R9052	23,60	19,25	SMT
R3100	78,00	109,80	SMT	R6503	46,65	21,95	SMT	R9053	24,10	20,55	SMT
R3101	84,70	107,70	SMT	R6601	114,80	104,20	SMT	R9054	25,00	20,55	SMT
R3102	83,20	108,10	SMT	R6602	114,80	105,10	SMT	R9061	25,00	97,15	SMT
R3103	75,90	105,35	SMT	R6603	115,10	93,20	SMT	R9062	25,00	95,55	SMT
R3104	75,50	106,60	SMT	R6604	100,00	102,50	SMT	R9063	25,00	93,95	SMT
R3105	75,55	99,60	SMT	R6605	111,65	149,25	SMT	R9071	26,15	141,80	SMT
R3106	73,30	109,10	SMT	R6606	115,35	150,10	SMT	R9072	26,15	140,20	SMT
R3107	72,30	109,10	SMT	R6607	112,55	149,25	SMT	R9073	26,15	138,60	SMT
R3201	51,30	141,05	SMT	R6611	118,20	91,20	SMT	R9101	55,80	23,40	SMT
R3202	51,30	143,35	SMT	R6612	114,20	93,20	SMT	R9102	51,10	22,90	SMT
R3203	41,65	146,80	SMT	R6614	119,40	148,15	SMT	R9103	52,75	16,15	SMT
R3204	42,90	146,35	SMT	R6615	115,35	151,00	SMT	R9104	52,75	17,05	SMT
R3207	41,95	137,30	SMT	R6616	83,30	100,35	SMT	R9107	56,70	23,40	SMT
R3208	41,25	145,90	SMT	R6617	84,70	99,05	SMT	R9125	38,40	12,25	SMT
R3302	101,25	68,80	SMT	R6618	83,30	99,45	SMT	R9132	108,50	34,10	SMT
R3703	20,20	62,50	SMT	R6619	84,35	97,75	SMT	R9201	42,35	52,55	SMT
R3705	18,20	68,60	SMT	R6690	106,30	28,80	SMT	R9202	42,35	50,95	SMT
R3708	16,40	68,60	SMT	R7002	102,10	10,75	SMT	R9203	42,35	49,35	SMT
R3710	7,50	68,00	SMT	R7009	81,05	98,15	SMT	R9204	43,90	51,50	SMT
R3711	9,20	67,30	SMT	R7010	103,15	11,05	SMT	R9206	33,20	54,35	SMT
R3712	10,10	67,30	SMT	R7011	107,35	11,15	SMT	R9210	67,05	52,70	SMT
R3714	14,60	70,60	SMT	R7012	108,90	11,15	SMT	R9211	67,05	51,10	SMT
R3716	23,40	55,70	SMT	R7013	124,40	14,40	SMT	R9212	67,05	49,50	SMT
R3717	17,00	50,50	SMT	R7014	124,40	16,00	SMT	R9213	68,70	48,55	SMT
R3718	6,40	55,40	SMT	R7015	123,90	17,90	SMT	R9214	34,25	46,95	SMT
R3719	12,80	50,50	SMT	R7016	124,40	19,60	SMT	R9505	79,90	98,35	SMT
R6000	30,85	140,20	SMT	R7017	117,00	11,15	SMT	RM651	78,20	59,10	SMT
R6001	35,00	140,20	SMT	R7200	37,40	151,55	SMT	RM652	80,50	57,30	SMT
R6002	96,80	126,65	SMT	R7201	52,15	151,30	SMT	RM653	82,80	59,10	SMT
R6003	107,00	126,65	SMT	R7204	75,75	151,80	SMT	RV600	50,80	109,60	SMT
R6006	69,20	110,75	SMT	R7205	63,75	151,80	SMT	RV601	69,20	109,85	SMT

LOCALIZAÇÃO COMPONENTES PCI PRINCIPAL 32L2300.

POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE	POSIÇÃO	Coord X	Coord Y	FACE
RV602	82,55	110,70	SMT								
RV603	86,60	110,70	SMT								
S721	51,50	156,65	HAND								
S722	63,50	156,65	HAND								
S723	75,50	156,65	HAND								
S727	37,50	156,65	HAND								
X1001	47,65	87,40	SMT								

DIFERENÇAS DE COMPONENTES ENTRE 32L2300 E 39L2300

Utiliza somente no 32L2300

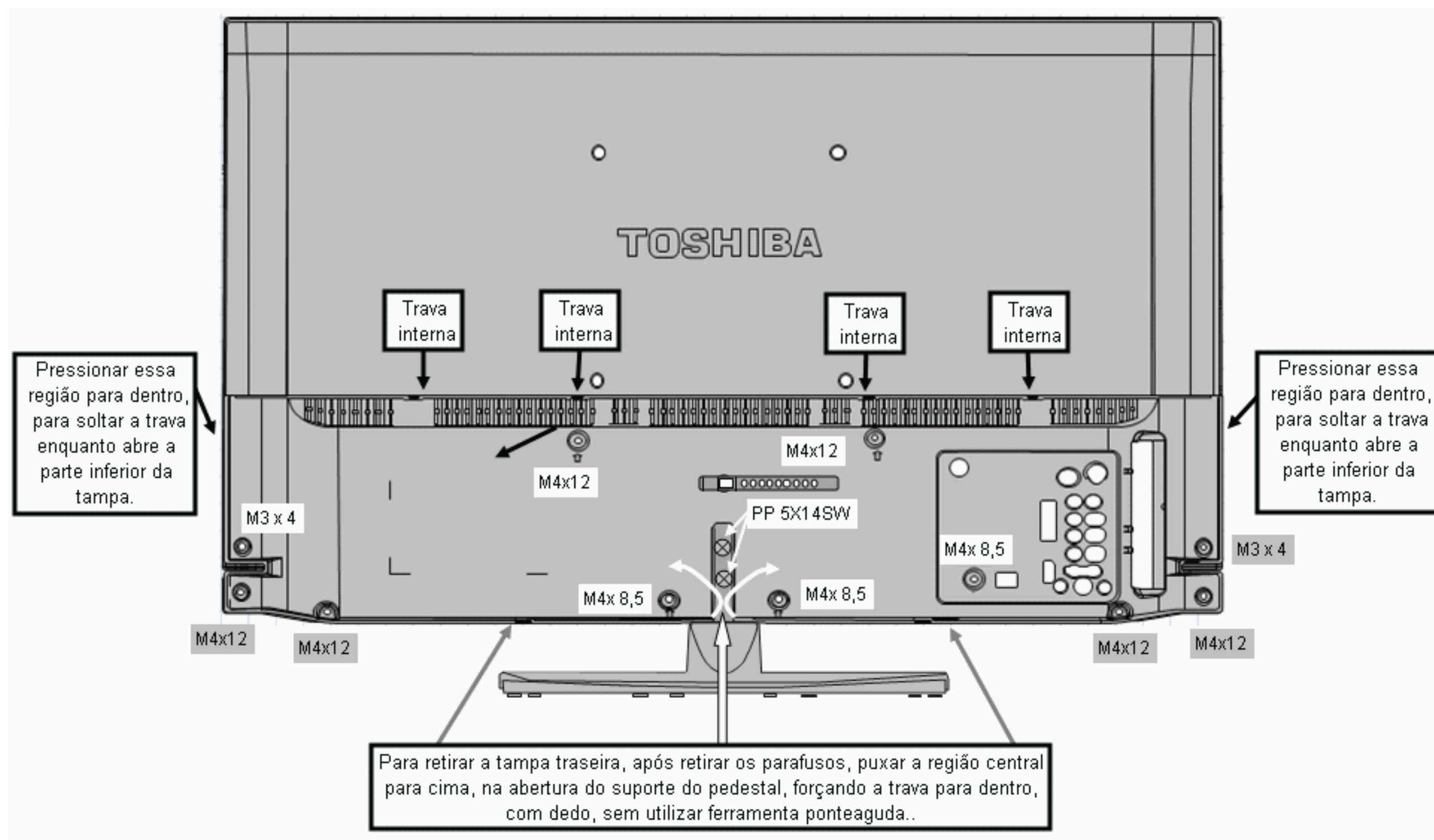
POS	NE	DESCRIÇÃO
RM654	549182	RES NETW 10R J 4X-1005TSMD
RM655	549182	RES NETW 10R J 4X-1005TSMD
RM656	549182	RES NETW 10R J 4X-1005TSMD
CN651	372861	PLUG 51P SMD
FL162	367617	BOBINA BEAD MPZ1608S221AT SMD
FL165	367617	BOBINA BEAD MPZ1608S221AT SMD

Utiliza somente no 39L2300

POS	NE	DESCRIÇÃO
C9121	367298	CAP CERA 105 K 6,3V 1005TSMD
C9130	367270	CAP CERA 104 K 10V 1005TSMD
C9133	367225	CAP CERA 103 K 25V 1005TSMD
CN650	548940	PLUG 30P SMD
FL161	367617	BOBINA BEAD MPZ1608S221AT SMD
FL164	367617	BOBINA BEAD MPZ1608S221AT SMD
IC910	549093	CIRC INT S-1009N37I-M5T1U SMD

CUIDADOS MPARA ABRIR A TAMPA TRASEIRA DO APARELHO

Puxar a tampa para cima com cautela, as travas plásticas são frágeis, podendo danificar e não fechar adequadamente.
A placa fonte está fixada na tampa traseira, portanto, a tampa não se soltará totalmente.



Rod. Anhanguera, Km 39,5 - Jordanésia - Cajamar - tel. pabx (11) 3232 2200

SEMP TOSHIBA