



TEX30LCD TEX100LCD TEX300LCD

TEX50LCD TEX150LCD

TECHNICAL ANNEX
VOLUME2



Appendix A Piani di montaggio, schemi elettrici, liste componenti / *Component layouts, schematics, bills of material*

Questa parte del manuale contiene i dettagli tecnici riguardanti la costruzione delle singole schede componenti il TEX30/50/100/150/300LCD. L'appendice è composta dalle seguenti sezioni:

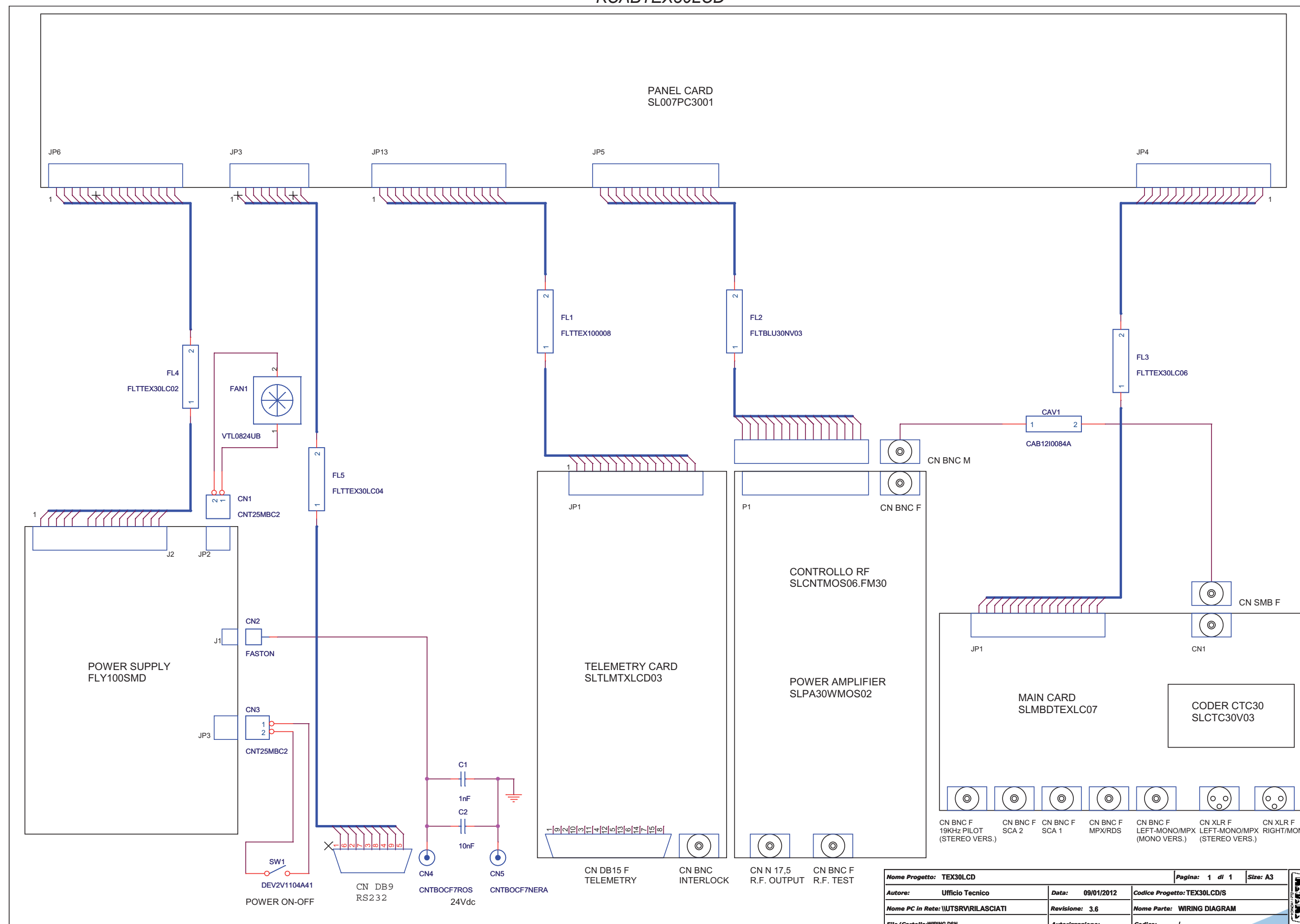
This part of the manual contains the technical details about the different boards of the TEX30/50/100/150/300LCD. This appendix is composed of the following sections:

Description	TEX30LCD RVR Code	TEX50/100/150LCD RVR Code	TEX300LCD RVR Code	Vers.Pages	
Wiring Diagrams	KCABTEX30LCD	/	/	3.6	1
Wiring Diagrams	/	KCABTEX150LC	/	2.1	3
Wiring Diagrams	/	/	KCABTEX300LC	2.1	5
Main Board	SLMBDTEXLC07	SLMBDTEXLC07	SLMBDTEXLC07	1.1	7
Stereo Coder Card	SLCTC30V03	SLCTC30V03	SLCTC30V03	1.1	16
Control Card	SLCNTMOS06.FM30	/	/	1.0	19
Control Card	/	SLCNTMOS06.FM50	SLCNTMOS06.FM50	1.0	22
Power Amplifier	SLPA30WMOS02	/	/	1.2	25
Power Amplifier	/	SLPA150TEXR2	/	1.2	28
Power Amplifier	/	/	SL045RF1002	2.2	31
Panel Card	SL007PC3001	SL007PC3001	SL007PC3001	1.0	34
Power Supply	FLY100SMD	/	/	1.0	37
Power Supply	/	PSL300	/	1.0	43
Power Supply	/	/	PSL600	1.0	52
Telemetry Card	SLTLMTXLCD03	SLTLMTXLCD03	SLTLMTXLCD03	2.2	64

Document History

Date	Version	Reason	Code	Editor
29/11/2012	1.0	First Release	/	J.H. Berti

KCABTEX30LCD



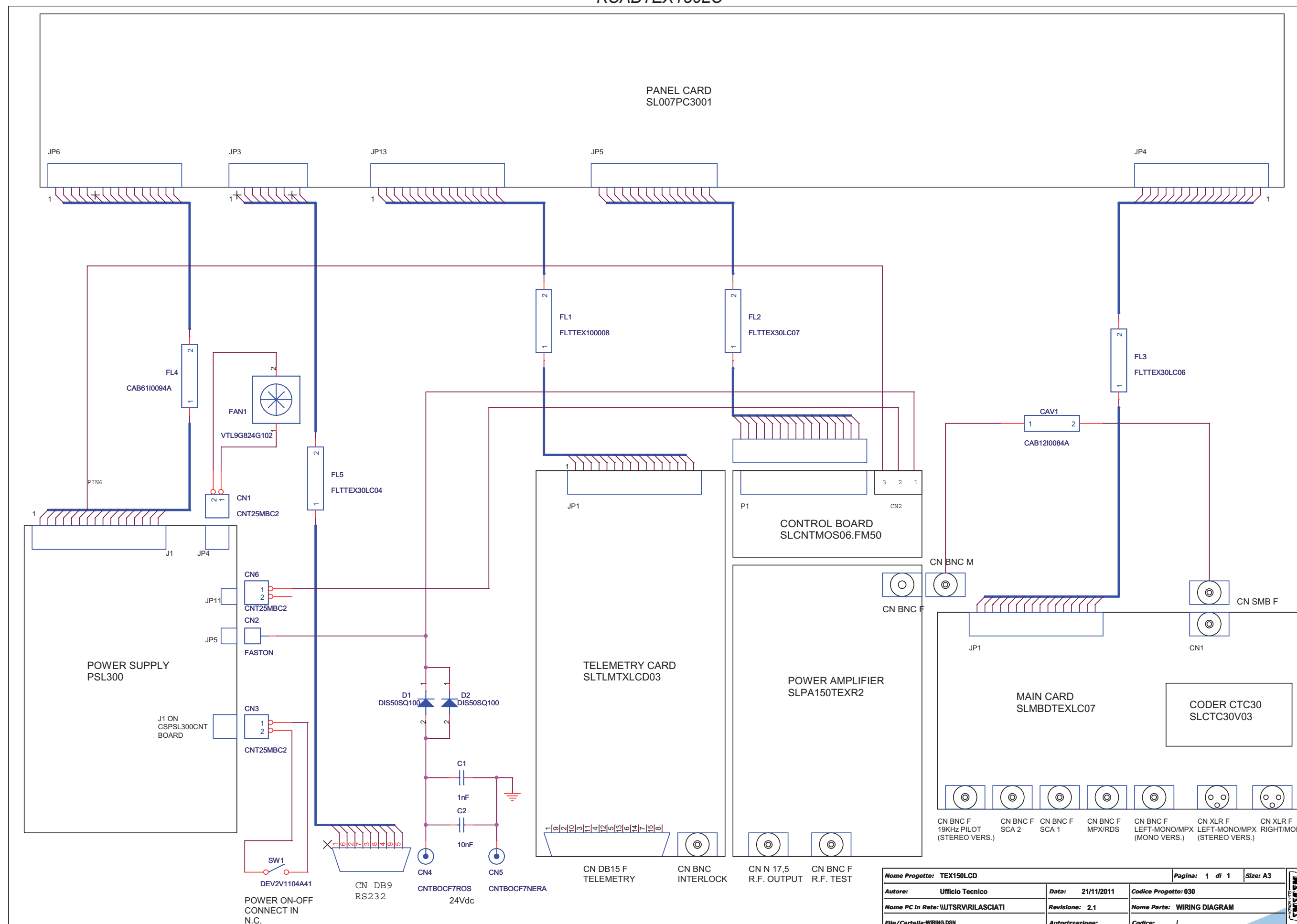


KCABTEX30LCD

WIRING DIAGRAM Revised: 09/01/2012
Revision: 3.6
TEX30LCD/S
Ufficio Tecnico

Item	Quantity	Reference	Part
1	1	CAV1	CAB12I0084A
2	2	CN1, CN3	CNT25MBC2
3	1	CN2	FASTON
4	1	CN4	CNTBOCF7ROS
5	1	CN5	CNTBOCF7NERA
6	1	C1	1nF
7	1	C2	10nF
8	1	FAN1	VTL0824UB
9	1	FL1	FLTTEX100008
10	1	FL2	FLTBLU30NV03
11	1	FL3	FLTTEX30LC06
11	1	FL4	FLTTEX30LC02
12	1	FL5	FLTTEX30LC04
13	1	SW1	DEV2V1104A41

KCABTEX150LC



Nome Progetto: TEX150LCD		Pagina: 1 di 1		Size: A3
Autore:	Ufficio Tecnico	Data:	21/11/2011	Codice Progetto: 030
Nome PC in Rete:	\\UTSRV\\RILASCIATI	Revisione:	2.1	Nome Parte: WIRING DIAGRAM
File/Cartella:	WIRING.DSN	Autorizzazione:		Codice: /

KCABTEX150LC

WIRING DIAGRAM Revised: Monday, November 21, 2011

/ Revision: 2.1

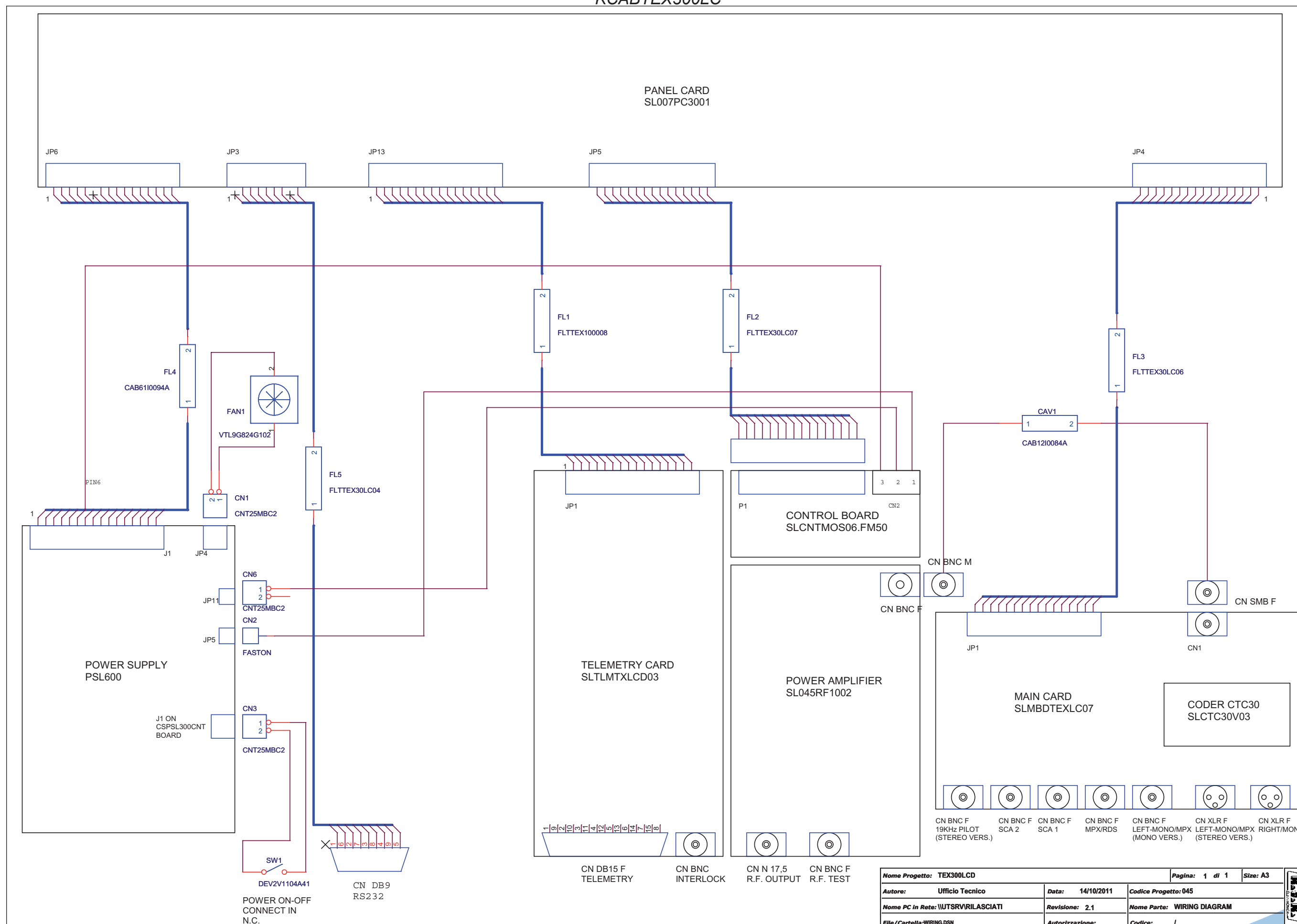
TEX150LCD

30

Ufficio Tecnico

Item	Quantity	Reference	Part
1	1	CAV1	CAB12I0084A
2	3	CN1, CN3, CN6	CNT25MBC2
3	1	CN2	FASTON
4	1	CN4	CNTBOCF7ROS
5	1	CN5	CNTBOCF7NERA
6	1	C1	1nF
7	1	C2	10nF
8	2	D1, D2	DIS50SQ100
9	1	FAN1	VTL9G824G102
10	1	FL1	FLTTEX100008
11	1	FL2	FLTTEX30LC07
12	1	FL3	FLTTEX30LC06
13	1	FL4	CAB61I0094A
14	1	FL5	FLTTEX30LC04
15	1	SW1	DEV2V1104A41

KCABTEX300LC





KCABTEX300LC

WIRING DIAGRAM Revised: Monday, October 17, 2011

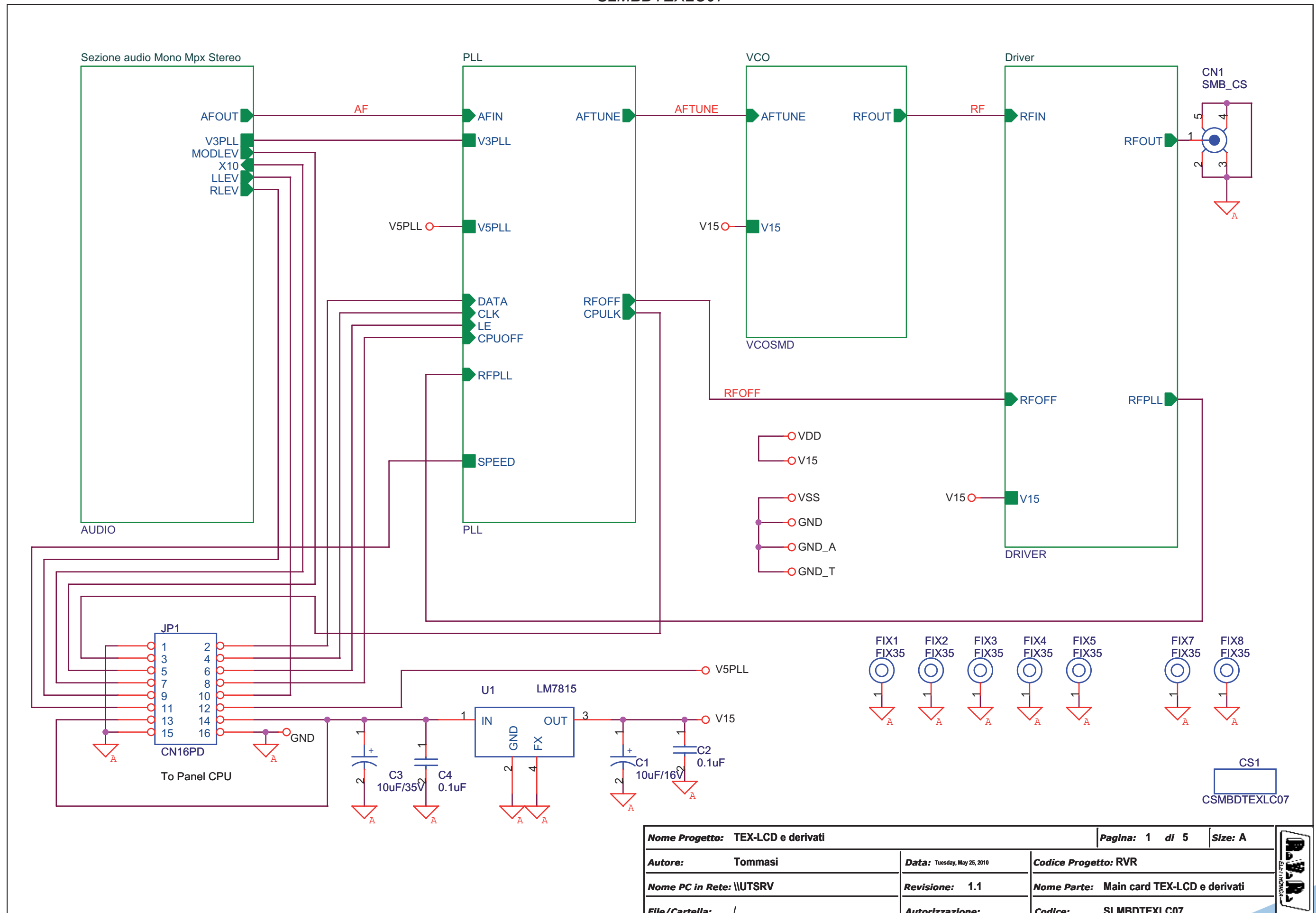
/ Revision: 2.1

TEX300LCD

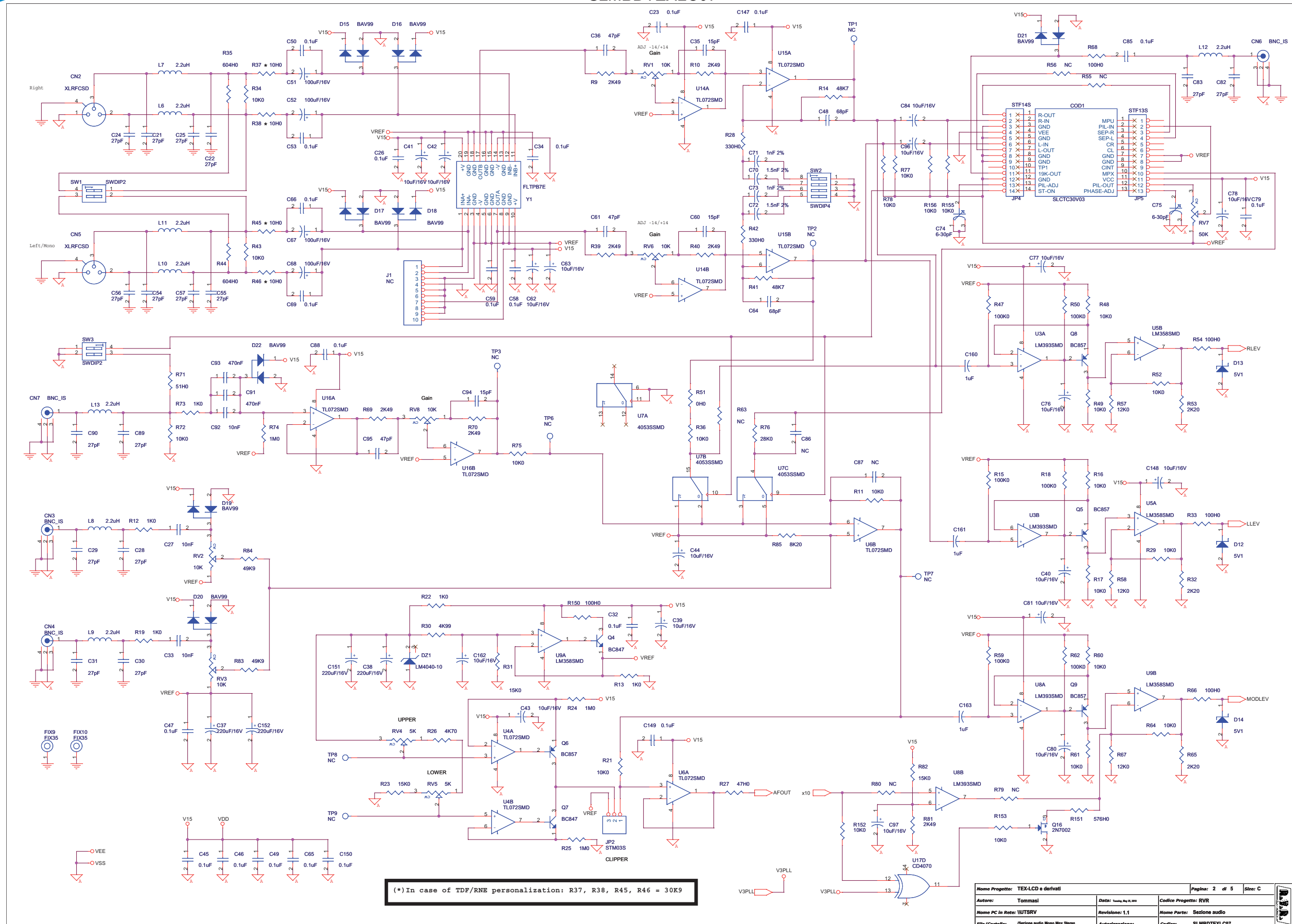
45

Ufficio Tecnico

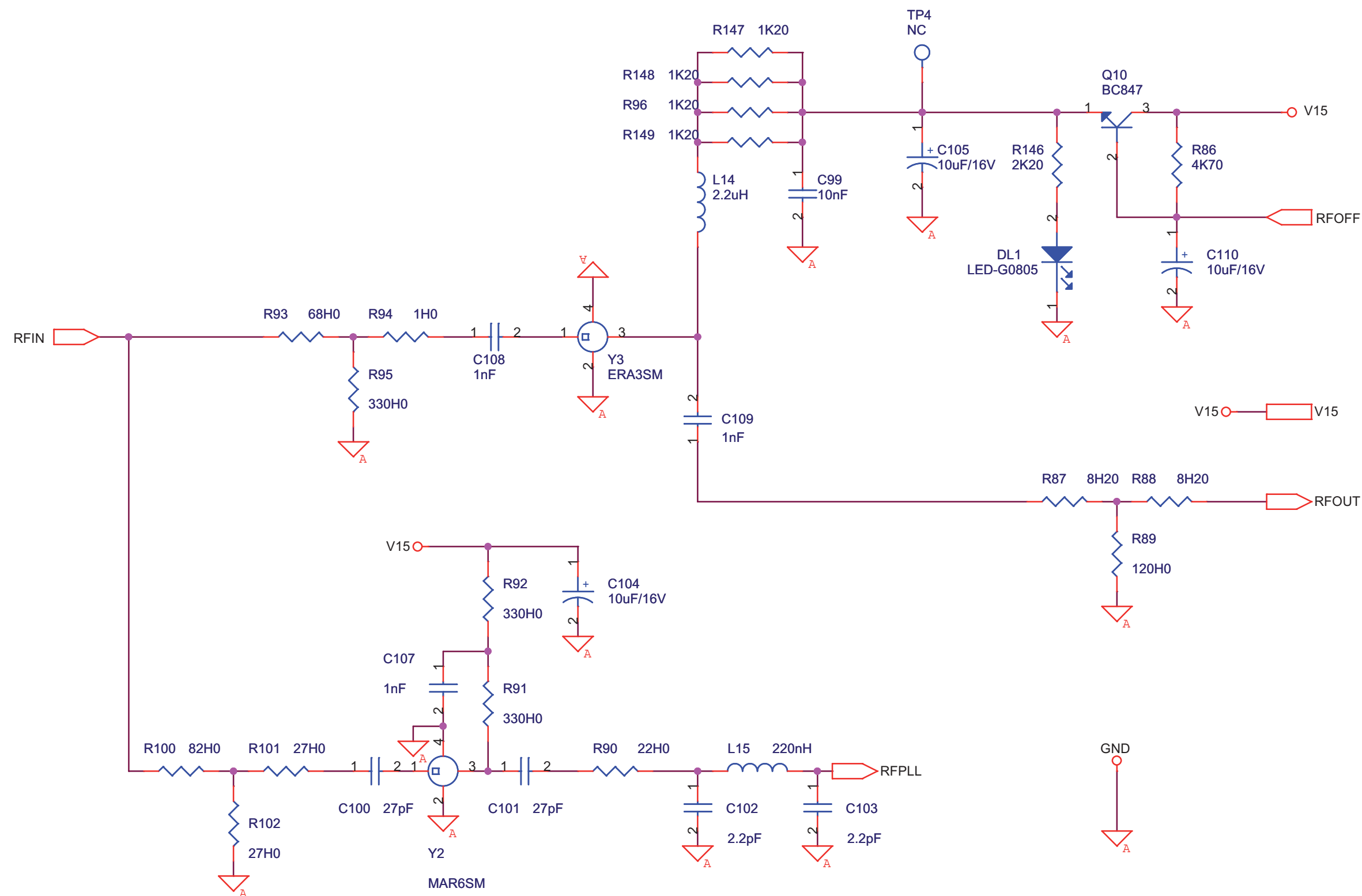
Item	Quantity	Reference	Part
1	1	CAV1	CAB12I0084A
2	3	CN1, CN3, CN6	CNT25MBC2
3	1	CN2	FASTON
4	1	FAN1	VTL9G824G102
5	1	FL1	FLTTEX100008
6	1	FL2	FLTTEX30LC07
7	1	FL3	FLTTEX30LC06
8	1	FL4	CAB61I0094A
9	1	FL5	FLTTEX30LC04
10	1	SW1	DEV2V1104A41



Nome Progetto: TEX-LCD e derivati		Pagina: 1 di 5	Size: A
Autore: Tommasi	Data: Tuesday, May 25, 2010	Codice Progetto: RVR	
Nome PC in Rete: \\UTSRV	Revisione: 1.1	Nome Parte: Main card TEX-LCD e derivati	
File/Cartella: /	Autorizzazione:	Codice: SLMBDTEXLC07	



Nome Progetto: TEX-LCD e derivati	Pagina: 2 di 5	Size: C
Autore: Tommasi	Data: 19/11/12	Codice Progetto: RVR
Nome PC in Rete: WUTSRV	Revisione: 1.1	Nome Parte: Sezione audio
File/Cartella: /Sezione audio Mono Rpx Stereo	Autore/Revisione:	Codice: SLMBDTEXLC07



Nome Progetto: TEX-LCD e derivati

Pagina: 3 di 5 Size: A

Autore: Tommasi

Data: Tuesday, May 25, 2010

Codice Progetto: RVR

Nome PC in Rete: \\UTSRV

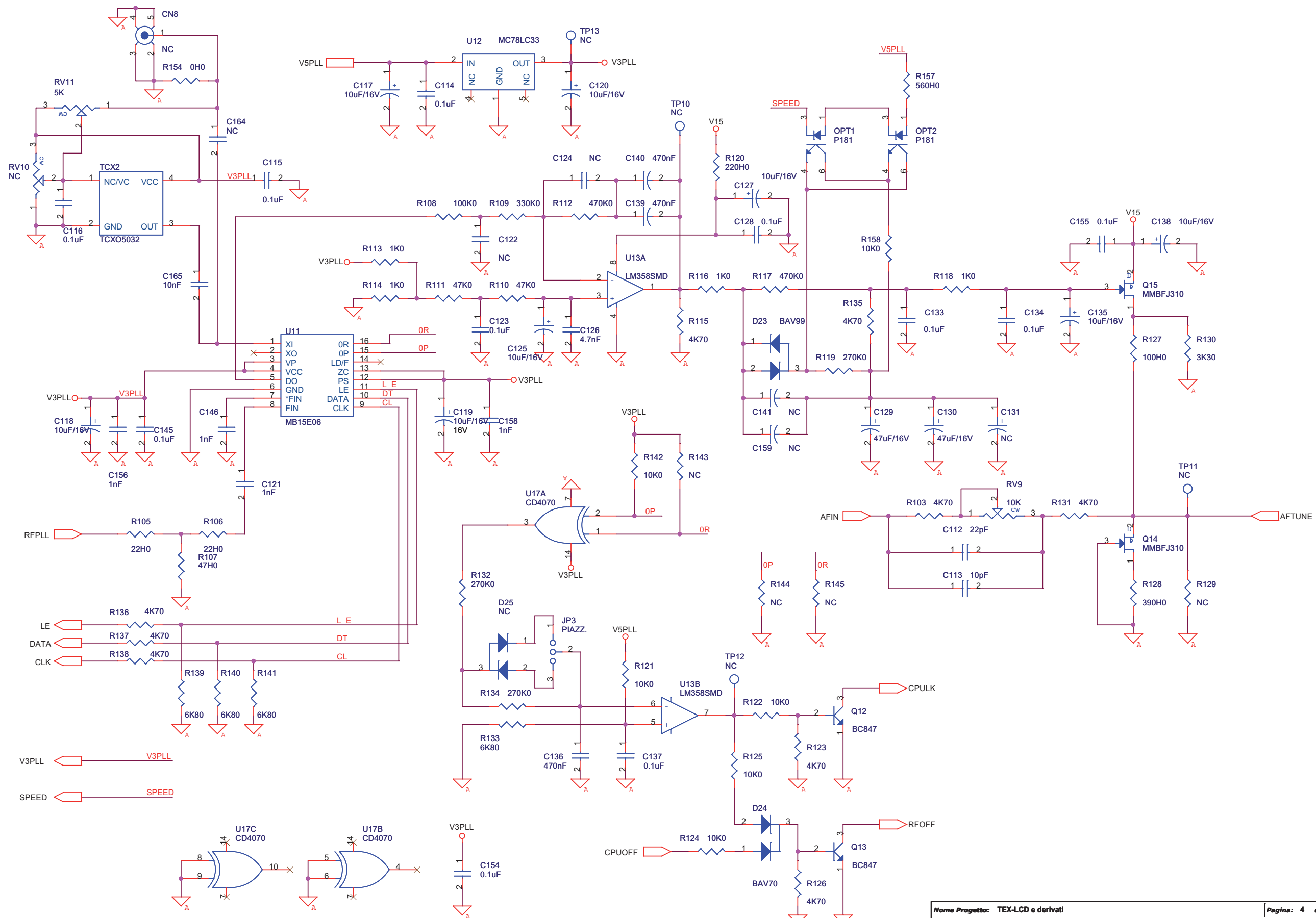
Revisione: 1.1

Nome Parte: Sezione Driver

File/Cartella: /Driver

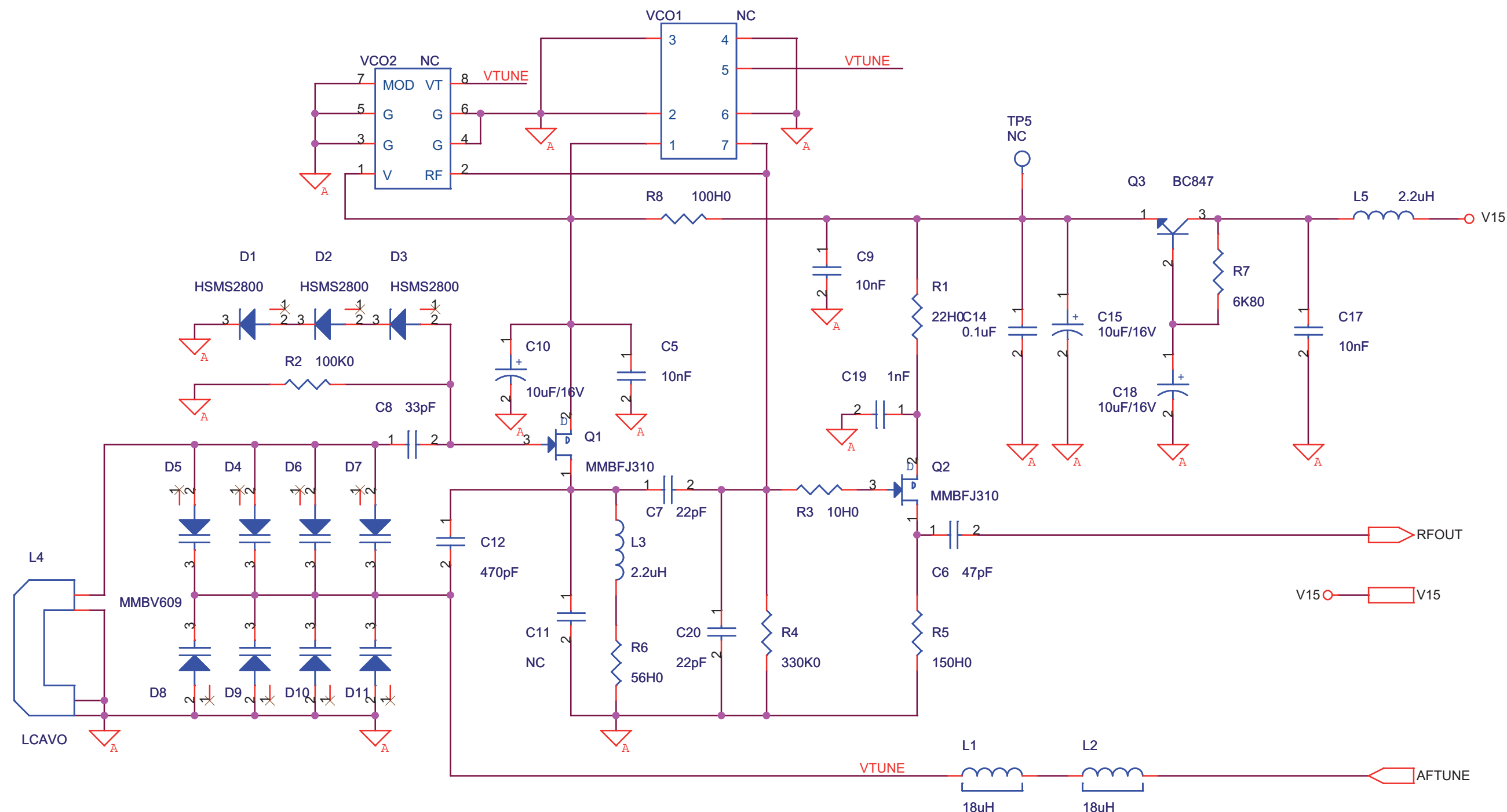
Autorizzazione:

Codice: SLMBDTEXLC07



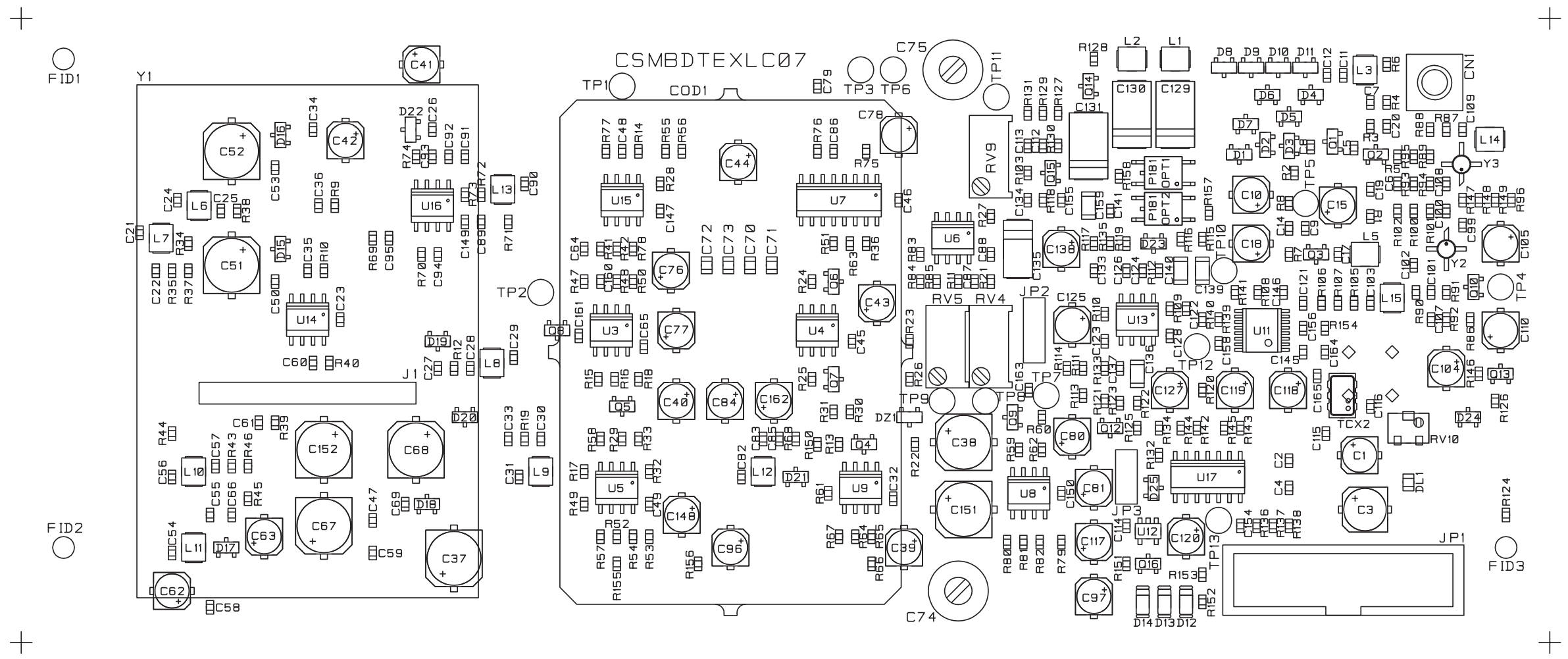
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Autore: Tommasi	Data: Tuesday, May 25, 2010	Codice Progetto: RVR	
Nome PC in Rete: \\\ITSRV	Revisione: 1.1	Nome Parte: Sezione PLL	
File/Cartella: /PLL	Autorizzazione:	Codice: SLMBDTEXLC07	

SLMBDTEXLC07

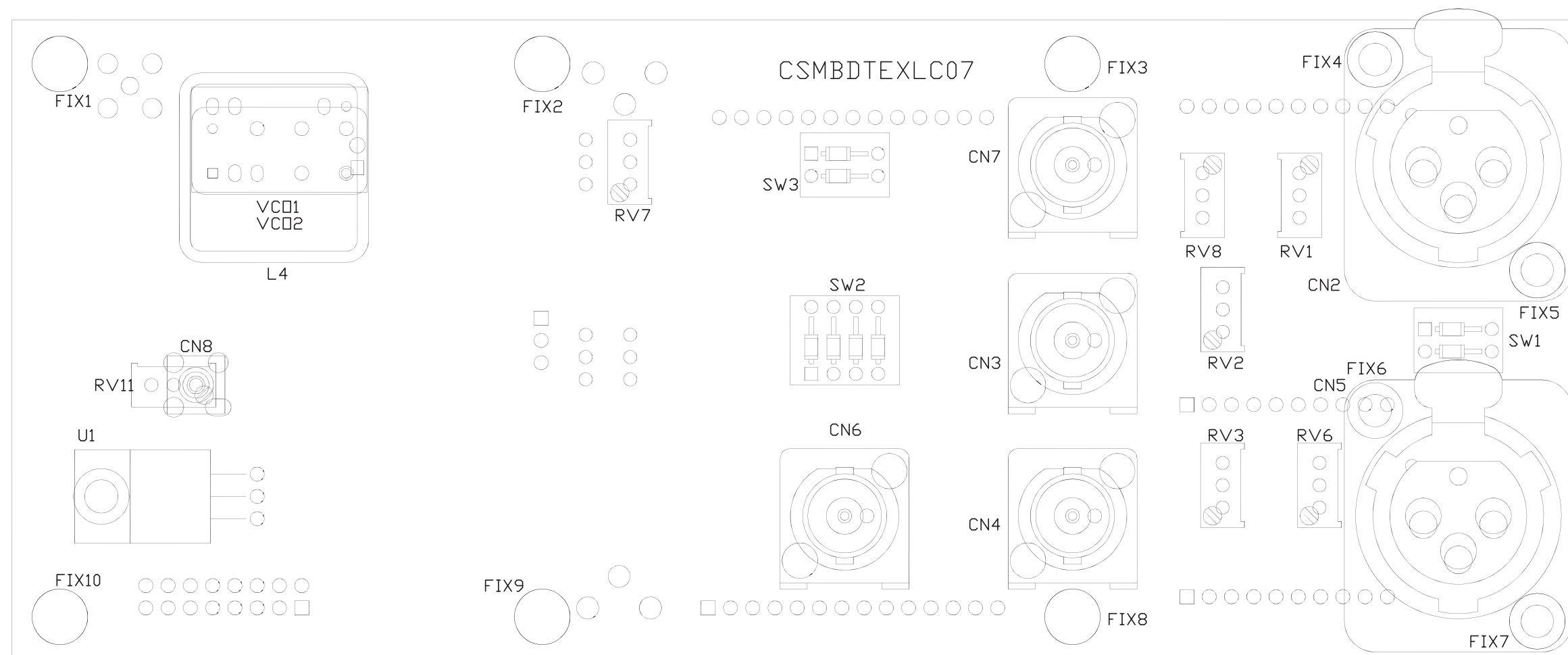


Il cavo e' montato lato saldature

Nome Progetto: TEX-LCD e derivati		Pagina: 5 di 5	Size: A
Autore: Tommasi	Data: Tuesday, May 25, 2010	Codice Progetto: RVR	
Nome PC in Rete: \\UTSRV	Revisione: 1.1	Nome Parte: Sezione VCO	
File/Cartella: NCO	Autorizzazione:	Codice: SLMBDTEXLC07	



	NOME PROGETTO: TEX-LCD	NOME PARTE: MAIN CARD (LATO SALDATURE)					
	AUTORE: A. TOMMASI	DATA: 25/02/2010	REVISIONE: 1.2	SCALA: 2:1	SIZE: A3	PAGINA: 2 DI 2	
ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"		CODICE PROGETTO: -	CODICE DISEGNO: SLMBDTEXLC07				
MATERIALE: <>	TRATTAMENTO: <>	PROFILO: <>	STATO: ESECUTIVO				



	NOME PROGETTO: TEX-LCD		NOME PARTE: MAIN CARD (LATO COMPONENTI)								
	AUTORE:	A. TOMMASI	DATA:	25/02/2010	REVISIONE:	1.2	SCALA:	2:1	SIZE:	A3	PAGINA:
ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"			CODICE PROGETTO: -		CODICE DISEGNO: SLMBDTEXLC07						
MATERIALE: <>		TRATTAMENTO: <>		PROFILO: <>			STATO: ESECUTIVO				

SLMBDTEXLC07

Main card TEX-LCD e derivati Revised: 25/05/2010
SLMBDTEXLC07 Revision: 1.1
TEX-LCD e derivati
RVR
Tommasi

Item	Quantity	Reference	Part	Description	Code
1	1	CN1	SMB_CS	Connettore SMB cs	CNTSMBMCSD
2	2	CN2,CN5	XLRFCSD	Connettore XLR femm. cs	CNTXLRFCS3P
3	4	CN3,CN4,CN6,CN7	BNC_IS	Connettore BNC metallico	CNTBNCFCSDM
4	1	CN8	NC	Connettore SMB cs	
5	1	COD1	SLCTC30V03	Coder stereo IRV30CT	SLCTC30V03
6	1	CS1	CSMBDTEXLC07	Circuito stampato	CSMBDTEXLC07
7	32	C1,C10,C15,C18,C39,C40, C41,C42,C43,C44,C62,C63, C76,C77,C78,C80,C81,C84, C96,C97,C104,C105,C110, C117,C118,C119,C120,C125, C127,C138,C148,C162	10uF/16V	Cond. Elett. SMD d. 4mm	CES106A160
8	35	C2,C4,C14,C23,C26,C32, C34,C45,C46,C47,C49,C50, C53,C58,C59,C65,C66,C69, C79,C85,C88,C114,C115, C116,C123,C128,C133,C134, C137,C145,C147,C149,C150, C154,C155	0.1uF	Cond. SMD 0805	CCC085104KXC
9	1	C3	10uF/35V	Cond. Elett. SMD d. 5mm	CES106B350
10	8	C5,C9,C17,C27,C33,C92, C99,C165	10nF	Cond. SMD 0805	CCC085103KXC
11	4	C6,C36,C61,C95	47pF	Cond. SMD 0805	CCC085470JCC
12	3	C7,C20,C112	22pF	Cond. SMD 0805	CCC085220JCC
13	1	C8	33pF	Cond. SMD 0805	CCC085330JCC
14	6	C11,C86,C87,C122,C124, C164	NC	Cond. SMD 0805	
15	1	C12	470pF	Cond. SMD 0805	CCC085471JCC
16	8	C19,C107,C108,C109,C121, C146,C156,C158	1nF	Cond. SMD 0805	CCC085102JNC
17	18	C21,C22,C24,C25,C28,C29, C30,C31,C54,C55,C56,C57, C82,C83,C89,C90,C100, C101	27pF	Cond. SMD 0805	CCC085270JCC
18	3	C35,C60,C94	15pF	Cond. SMD 0805	CCC085150JCC
19	4	C37,C38,C151,C152	220uF/16V	Cond. Elett. SMD d. 6.3mm	CES227E160
20	2	C48,C64	68pF	Cond. SMD 0805	CCC085680JCC
21	4	C51,C52,C67,C68	100uF/16V	Cond. Elett. SMD d. 6.3mm	CES107C160
22	2	C70,C72	1.5nF 2%	Cond. SMD 0805 COG	CCC085152GCC
23	2	C71,C73	1nF 2%	Cond. SMD 0805 COG	CCC085102GCC
24	2	C74,C75	6-30pF	Comp. ceramico dia. 7mm	CVC300D07
25	2	C91,C93	470nF	Cond. SMD 0805	CCC085474KXC
26	2	C102,C103	2.2pF	Cond. SMD 0805	CCC0852P2JCC
27	1	C113	10pF	Cond. SMD 0805	CCC085100JCC
28	1	C126	4.7nF	Cond. SMD 0805	CCC085472KXC
29	2	C129,C130	47uF/16V	Cond. Elett. SMD Tant. size D	CET476D160SM
30	1	C131	NC	Cond. Elett. SMD Tant. size D	
31	1	C135	10uF/16V	Cond. Elett. SMD Tant. size C	CET106C160SM
32	3	C136,C139,C140	470nF	Cond. SMD 1206	CCC126474KXC
33	2	C141,C159	NC	Cond. SMD 1206	
34	3	C160,C161,C163	1uF	Cond. SMD 0805	CCC085105KYC
35	1	DL1	LED-G0805	LED SMD 0805	LEDV0805
36	1	DZ1	LM4040-10	Diodi Zener SMD SOT23	CILLM4040-10
37	3	D1,D2,D3	HSMS2800	Diodo SMD SOT23	DISHSMS2800
38	8	D4,D5,D6,D7,D8,D9,D10, D11	MMBV609	Diodo Varicap SMD SOT23	DIVMMBV609
39	3	D12,D13,D14	5V1	MINIMELF SMD Zener Diode	DIZ5V1MINI
40	9	D15,D16,D17,D18,D19,D20, D21,D22,D23	BAV99	Doppio Diodo SMD SOT23	DISBAV99
41	1	D24	BAV70	Doppio Diodo SMD SOT23	DISBAV70
42	1	D25	NC	Doppio Diodo SMD SOT23	
43	9	FIX1,FIX2,FIX3,FIX4,FIX5, FIX7,FIX8,FIX9,FIX10	FIX35	Foro fissaggio 3.5mm	
44	1	JP1	CN16PD	Connettore 16 poli Flat cs	CNTMCS16A
45	1	JP2	STM03S	Strip maschio 3 pin	CNTSTM40SDA
46	1	JP3	PIAZZ.		

47	1	JP4	STF14S	Strip femmina 14 pin	CNTSTF14SDB
48	1	JP5	STF13S	Strip femmina 13 pin	CNTSTF13SDB
49	1	J1	NC	Strip femmina 10 pin	
50	2	L1,L2	18uH		IMP18US120S
51	11	L3,L5,L6,L7,L8,L9,L10, L11,L12,L13,L14	2.2uH	Induttanza SMD 3225 (1210)	IMP2U2S120
52	1	L4	LCAVO	Induttanza a cavo RG	
53	1	L15	220nH	Induttanza SMD 3225 (1210)	IMP220NS120
54	2	OPT1,OPT2	TLP181	Optoisolatore SMD SO6	LEDTLP181
55	4	Q1,Q2,Q14,Q15	MMBFJ310	Trans. FET SOT23	TRNMMBFJ310
56	6	Q3,Q4,Q7,Q10,Q12,Q13	BC847	Trans. NPN SOT23	TRNBC847
57	4	Q5,Q6,Q8,Q9	BC857	Trans. PNP SOT23	TRNBC857
58	1	Q16	2N7002	Trans. FET SOT23	TRN2N7002SMD
59	6	RV1,RV2,RV3,RV6,RV8,RV9	10K	Trimmer Rg V 3296W	RVT3296WK010
60	3	RV4,RV5,RV11	5K	Trimmer Rg V 3296W	RVT3296WK005
61	1	RV7	50K	Trimmer Rg V 3296W	RVT3296WK050
62	1	RV10	NC	Trimm. multi SMD PVG5 Murata	
63	4	R1,R90,R105,R106	22H0	Res. SMD 0805	RCH085F0022H
64	8	R2,R15,R18,R47,R50,R59, R62,R108	100K0	Res. SMD 0805	RCH085F0100K
65	5	R3,R37,R38,R45,R46	10H0	Res. SMD 0805	RCH085F0010H
66	2	R4,R109	330K0	Res. SMD 0805	RCH085F0330K
67	1	R5	150H0	Res. SMD 0805	RCH085F0150H
68	1	R6	56H0	Res. SMD 0805	RCH085F0056H
69	5	R7,R133,R139,R140,R141	6K80	Res. SMD 0805	RCH085F006K8
70	7	R8,R33,R54,R66,R68,R127, R150	100H0	Res. SMD 0805	RCH085F0100H
71	7	R9,R10,R39,R40,R69,R70, R81	2K49	Res. SMD 0805	RCH085F02K49
72	28	R11,R16,R17,R21,R29,R34, R36,R43,R48,R49,R52,R60, R61,R64,R72,R75,R77,R78, R121,R122,R124,R125,R142, R152,R153,R155,R156,R158	10K0	Res. SMD 0805	RCH085F0010K
73	9	R12,R13,R19,R22,R73,R113, R114,R116,R118	1K0	Res. SMD 0805	RCH085F0001K
74	2	R14,R41	48K7	Res. SMD 0805	RCH085F048K7
75	3	R23,R31,R82	15K0	Res. SMD 0805	RCH085F0015K
76	3	R24,R25,R74	1M0	Res. SMD 0805	RCH085F0001M
77	11	R26,R86,R103,R115,R123, R126,R131,R135,R136,R137, R138	4K70	Res. SMD 0805	RCH085F004K7
78	2	R27,R107	47H0	Res. SMD 0805	RCH085F0047H
79	5	R28,R42,R91,R92,R95	330H0	Res. SMD 0805	RCH085J0330H
80	1	R30	4K99	Res. SMD 0805	RCH085F04K99
81	4	R32,R53,R65,R146	2K20	Res. SMD 0805	RCH085F002K2
82	2	R35,R44	604H0	Res. SMD 0805	RCH085F0604H
83	2	R51,R154	0H0	Res. SMD 0805	RCH085F0000H
84	3	R57,R58,R67	12K0	Res. SMD 0805	RCH085F0012K
85	9	R63,R79,R80,R129,R143, R144,R145,R55,R56	NC	Res. SMD 0805	
86	1	R71	51H0	Res. SMD 0805	RCH085F0051H
87	1	R76	28K0	Res. SMD 0805	RCH085F0028K
88	2	R83,R84	49K9	Res. SMD 0805	RCH085F049K9
89	1	R85	8K20	Res. SMD 0805	RCH085F008K2
90	2	R87,R88	8H20	Res. SMD 0805	RCH085F008H2
91	1	R89	120H0	Res. SMD 0805	RCH085F0120H
92	1	R93	68H0	Res. SMD 0805	RCH085F0068H
93	1	R94	1H0	Res. SMD 0805	RCH085F0001H
94	4	R96,R147,R148,R149	1K20	Res. SMD 0805	RCH085F001K2
95	1	R100	82H0	Res. SMD 0805	RCH085F0082H
96	2	R101,R102	27H0	Res. SMD 0805	RCH085F0027H
97	2	R110,R111	47K0	Res. SMD 0805	RCH085F0047K
98	2	R112,R117	470K0	Res. SMD 0805	RCH085F0470K
99	3	R119,R132,R134	270K0	Res. SMD 0805	RCH085F0270K
100	1	R120	220H0	Res. SMD 0805	RCH085F0220H
101	1	R128	390H0	Res. SMD 0805	RCH085F0390H
102	1	R130	3K30	Res. SMD 0805	RCH085F003K3
103	1	R151	576H0	Res. SMD 0805	RCH085F0576H
104	1	R157	560H0	Res. SMD 0805	RCH085F0560H
105	2	SW1,SW3	SWDIP2	Dip switch 2 vie	DSW2VO
106	1	SW2	SWDIP4	Dip switch 4 vie	DSW4VO
107	1	TCX2	TCXO5032	TCXO SMD 5x3.2mm	QRZ000010MMV

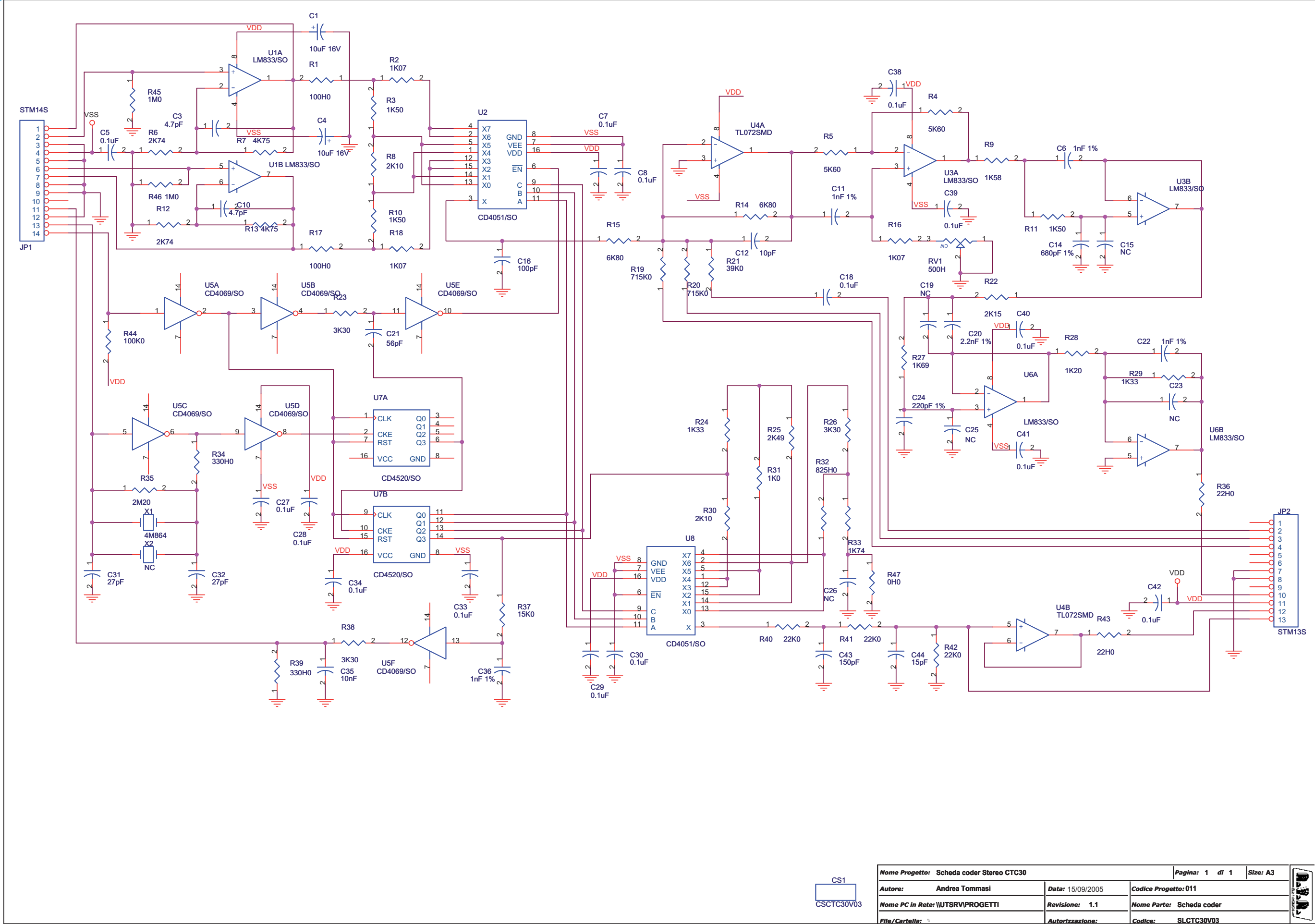
NOTA1

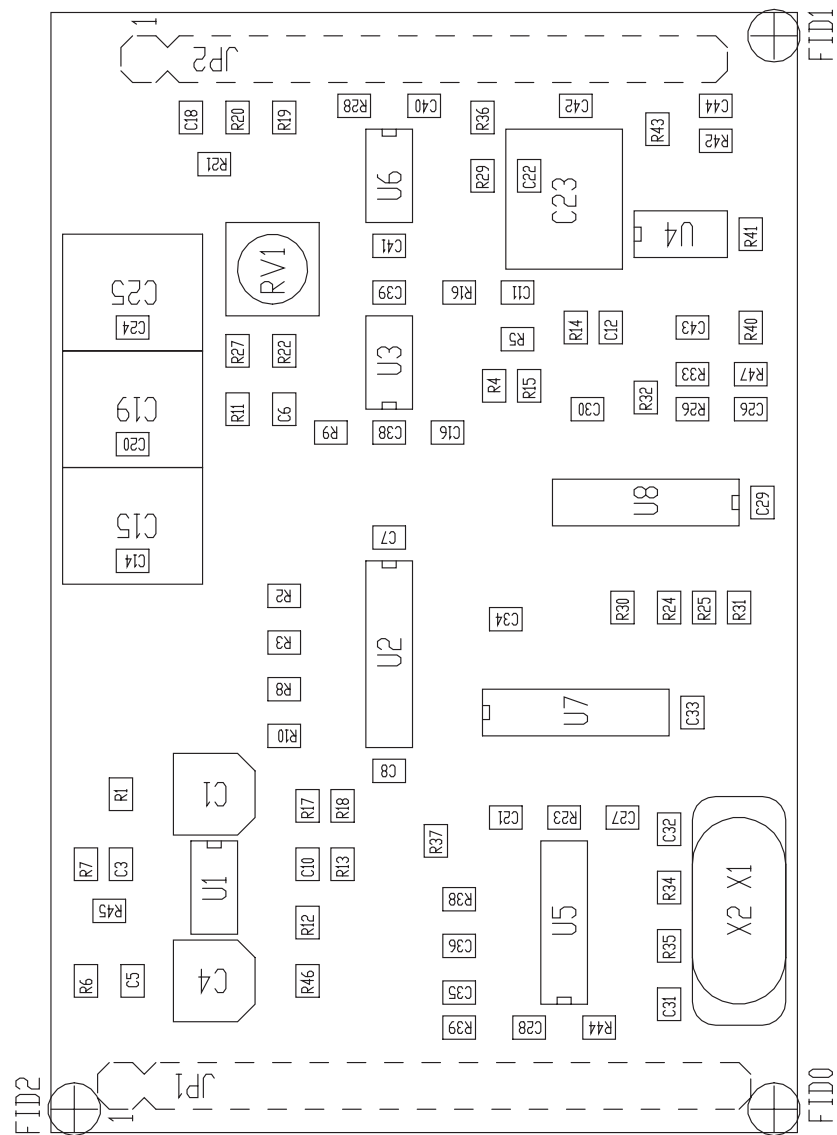
SLMBDTEXLC07

108	13	TP1,TP2,TP3,TP4,TP5,TP6, TP7,TP8,TP9,TP10,TP11, TP12,TP13	NC	Test point	
109	1	U1	LM7815	Stabilizzatore TO220	CIL7815P
110	2	U3,U8	LM393SMD	Dual Comp. SMD SO8	CILLM393SMD
111	3	U5,U9,U13	LM358SMD	Dual Op. SMD SO8	CILLM358SMD
112	5	U4,U6,U14,U15,U16	TL072SMD	Dual Op. SMD SO8	CILTL082SMD
113	1	U7	4053SSMD	Analog Switch SMD SO16	CIDCD4053S
114	1	U11	MB15E06	Integrated PLL	CIDMB15E06
115	1	U12	MC78LC33	Stab. SMD SOT23-5	CIL78LC33
116	1	U17	CD4070	Quad XOR	CID4070SMD
117	1	VCO1	NC		
118	1	VCO2	NC	VCO SKY 8 pin FVC7MD	
119	1	Y1	FLTPB7E	Filtro Audio Stereo Positron	FLTPB7E
120	1	Y2	MAR6SM	Ibrido MAR/ERA	MIBMAR6SMD
121	1	Y3	ERA3SM	Ibrido MAR/ERA	MIBERA3-SM

NOTA: In TDF/RNE Personalization R37, R38, R45, R46 = 30K9
NOTA1: montare RV7 su lato componenti

SLCTC30V03





	NOME PROGETTO: SCHEDA CODER STEREO CTC30	NOME PARTE: SCHEDA CODER STEREO CTC30			
	AUTORE: TOMMASI	DATA: 08/04/2004	REVISIONE: 1.0	SCALA: 2:1	SIZE: A4
	ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"		CODICE PROGETTO: 011		
	MATERIALE: FR4-74 1.6mm Cu 35um		CODICE DISEGNO: SLCTC30V03		STATO: ESECUTIVO
TRATTAMENTO: STANDARD COSTRUTTORE		PROFILO: /			

SLCTC30V03

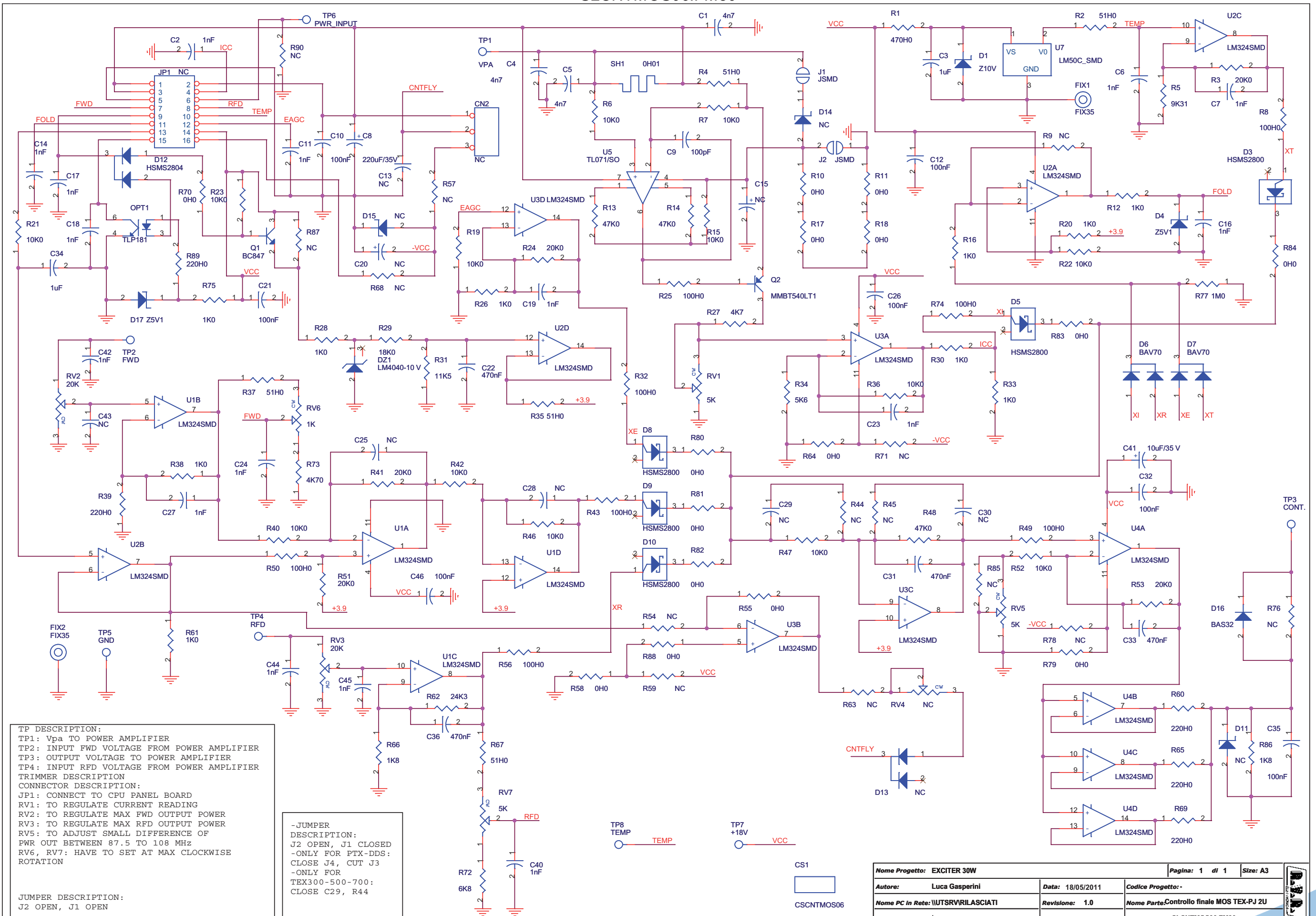
Scheda coder Revised: Thursday, September 15, 2005
SLCTC30V03 Revision: 1.1
Scheda coder Stereo CTC30

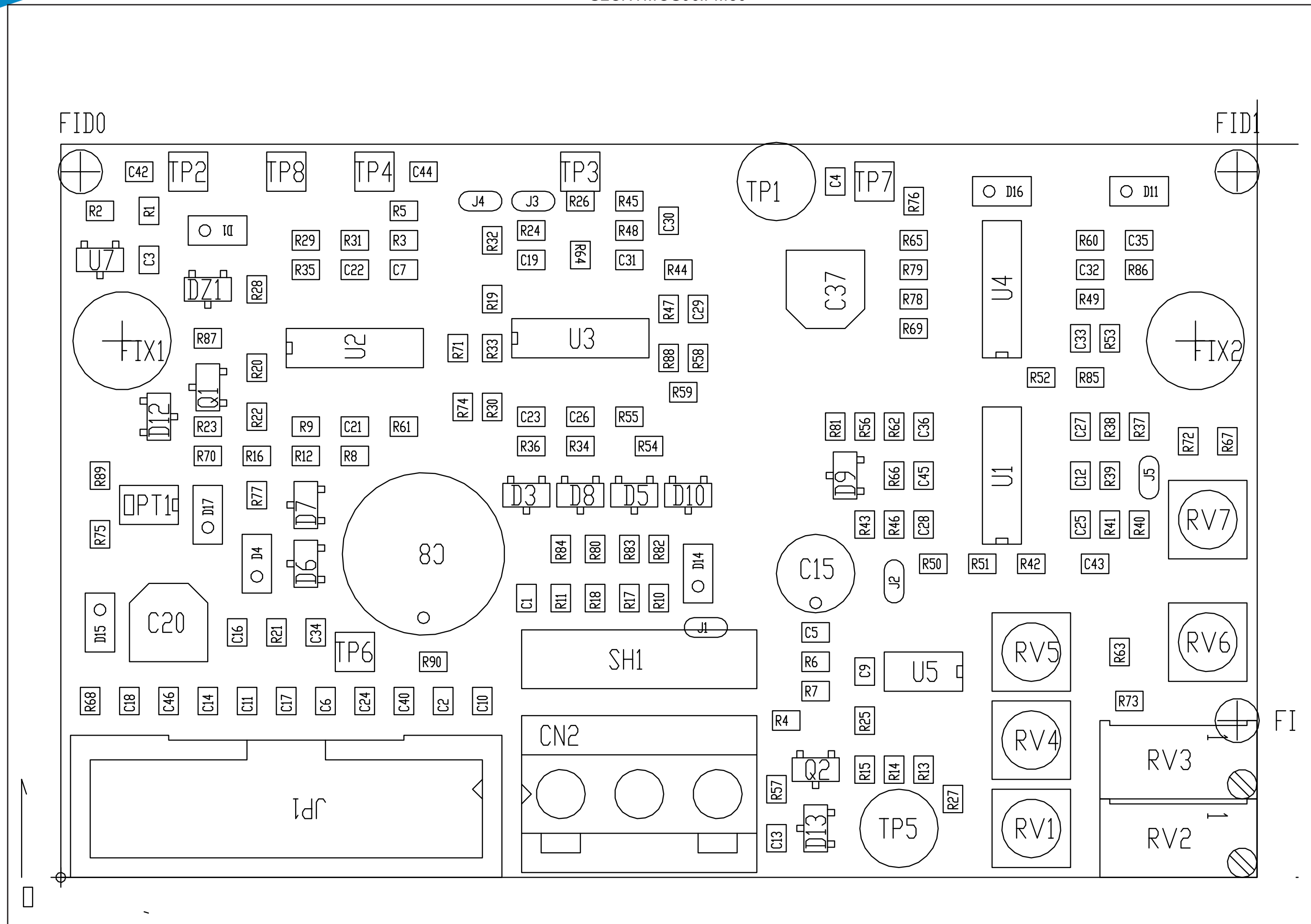
11
Andrea Tommasi

Item	Q.ty	Reference	Part	Description	
1	1	CS1	CSCTC30V03	Circuito stampato	
2	2	C1, C4	10uF 16V	Cond. Elett. SMD d. 4mm	
3	2	C3, C10	4.7pF	Cond. SMD 0805	
4	15	C5, C7, C8, C18, C27, C28, C29, C30, C33, C34, C38, C39, C40, C41, C42	0.1uF	Cond. SMD 0805	
5	4	C6, C11, C22, C36	1nF 1%	Cond. SMD 0805 COG	Nota 1
6	1	C12	10pF	Cond. SMD 0805	
7	1	C14	680pF 1%	Cond. SMD 0805 COG	Nota 1
8	4	C15, C19, C23, C25	NC	Cond. Poliestere p 5mm (5*7mm)	
9	1	C16	100pF	Cond. SMD 0805	
10	1	C20	2.2nF 1%	Cond. SMD 0805 COG	Nota 1
11	1	C21	56pF	Cond. SMD 0805	
12	1	C24	220pF 1%	Cond. SMD 0805 COG	Nota 1
13	1	C26	NC	Cond. SMD 0805	
14	2	C31, C32	27pF	Cond. SMD 0805	
15	1	C35	10nF	Cond. SMD 0805	
16	1	C43	150pF	Cond. SMD 0805	
17	1	C44	15pF	Cond. SMD 0805	
18	1	JP1	STM14S	Strip maschio 14 pin	
19	1	JP2	STM13S	Strip maschio 13 pin	
20	1	RV1	500H	Trimmer SMD	
21	2	R1, R17	100H0	Res. SMD 0805	
22	3	R2, R16, R18	1K07	Res. SMD 0805	
23	3	R3, R10, R11	1K50	Res. SMD 0805	
24	2	R4, R5	5K60	Res. SMD 0805	
25	2	R6, R12	2K74	Res. SMD 0805	
26	2	R7, R13	4K75	Res. SMD 0805	
27	2	R8, R30	2K10	Res. SMD 0805	
28	1	R9	1K58	Res. SMD 0805	
29	2	R14, R15	6K80	Res. SMD 0805	
30	2	R19, R20	715K0	Res. SMD 0805	
31	1	R21	39K0	Res. SMD 0805	
32	1	R22	2K15	Res. SMD 0805	
33	3	R23, R26, R38	3K30	Res. SMD 0805	
34	2	R24, R29	1K33	Res. SMD 0805	
35	1	R25	2K49	Res. SMD 0805	
36	1	R27	1K69	Res. SMD 0805	
37	1	R28	1K20	Res. SMD 0805	
38	1	R31	1K0	Res. SMD 0805	
39	1	R32	825H0	Res. SMD 0805	
40	1	R33	1K74	Res. SMD 0805	
41	2	R34, R39	330H0	Res. SMD 0805	
42	1	R35	2M20	Res. SMD 0805	
43	2	R36, R43	22H0	Res. SMD 0805	
44	1	R37	15K0	Res. SMD 0805	
45	3	R40, R41, R42	22K0	Res. SMD 0805	
46	1	R44	100K0	Res. SMD 0805	
47	2	R45, R46	1M0	Res. SMD 0805	
48	1	R47	0H0	Res. SMD 0805	
49	3	U1, U3, U6	LM833/SO	Dual Op. SMD SO8	
50	2	U2, U8	CD4051/SO	Analog Switch SMD SO16	
51	1	U4	TL072SMD	Dual Op. SMD SO8	
52	1	U5	CD4069/SO	Hex inverter SO14	
53	1	U7	CD4520/SO	Dual binary counter	Nota 2
54	1	X1	4M864	Quarzo SMD HC49SMD	
55	1	X2	NC	Quarzo HC18	

Nota 1	Attenzione COG vanno bene anche al 2%
Nota 2	Non montare PHILIPS
	Tutte le resistenze vanno al 1%
	Tutti i condensatori dove il valore lo consente vogliono NP0

SLCNTMOS06.FM30



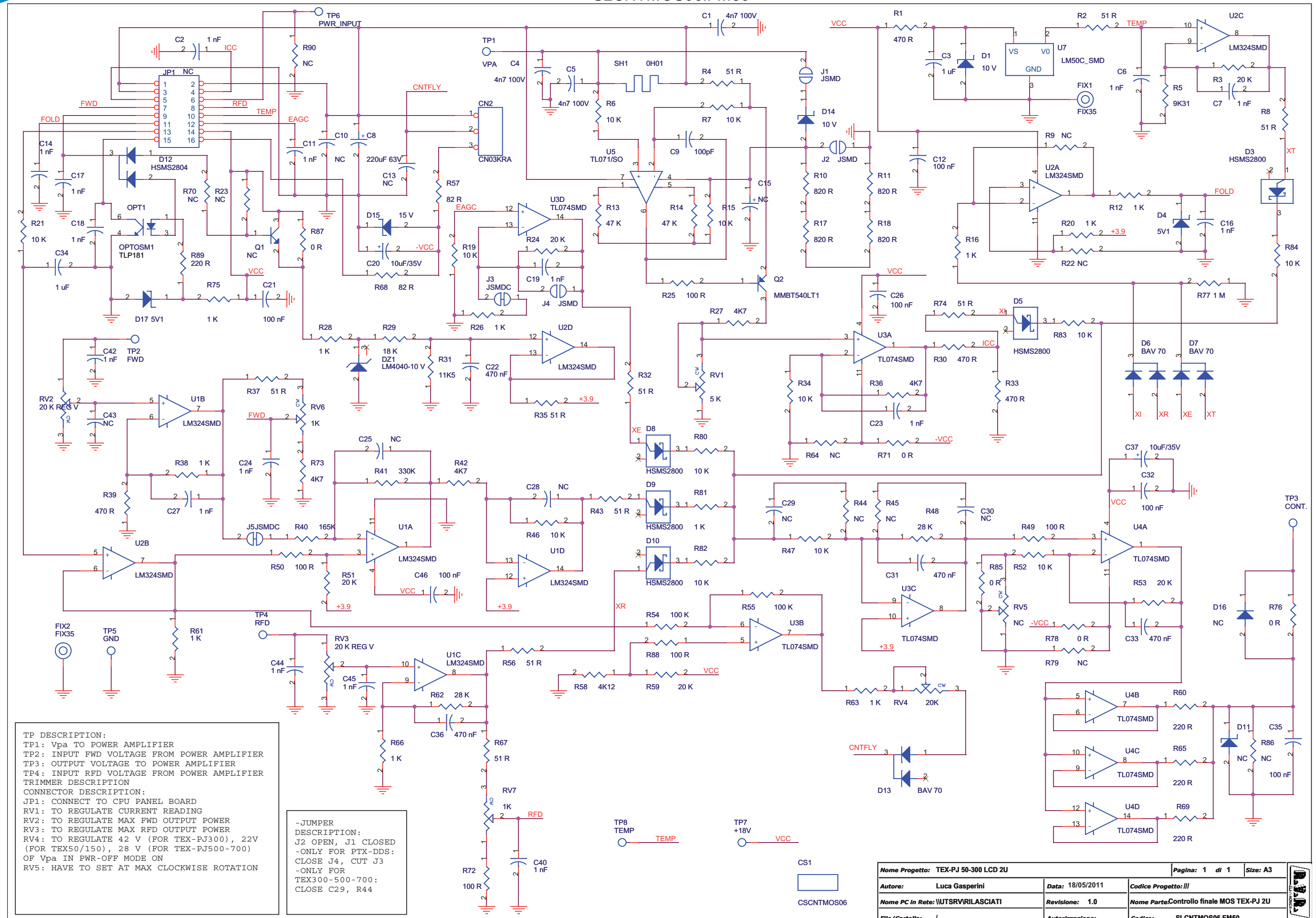


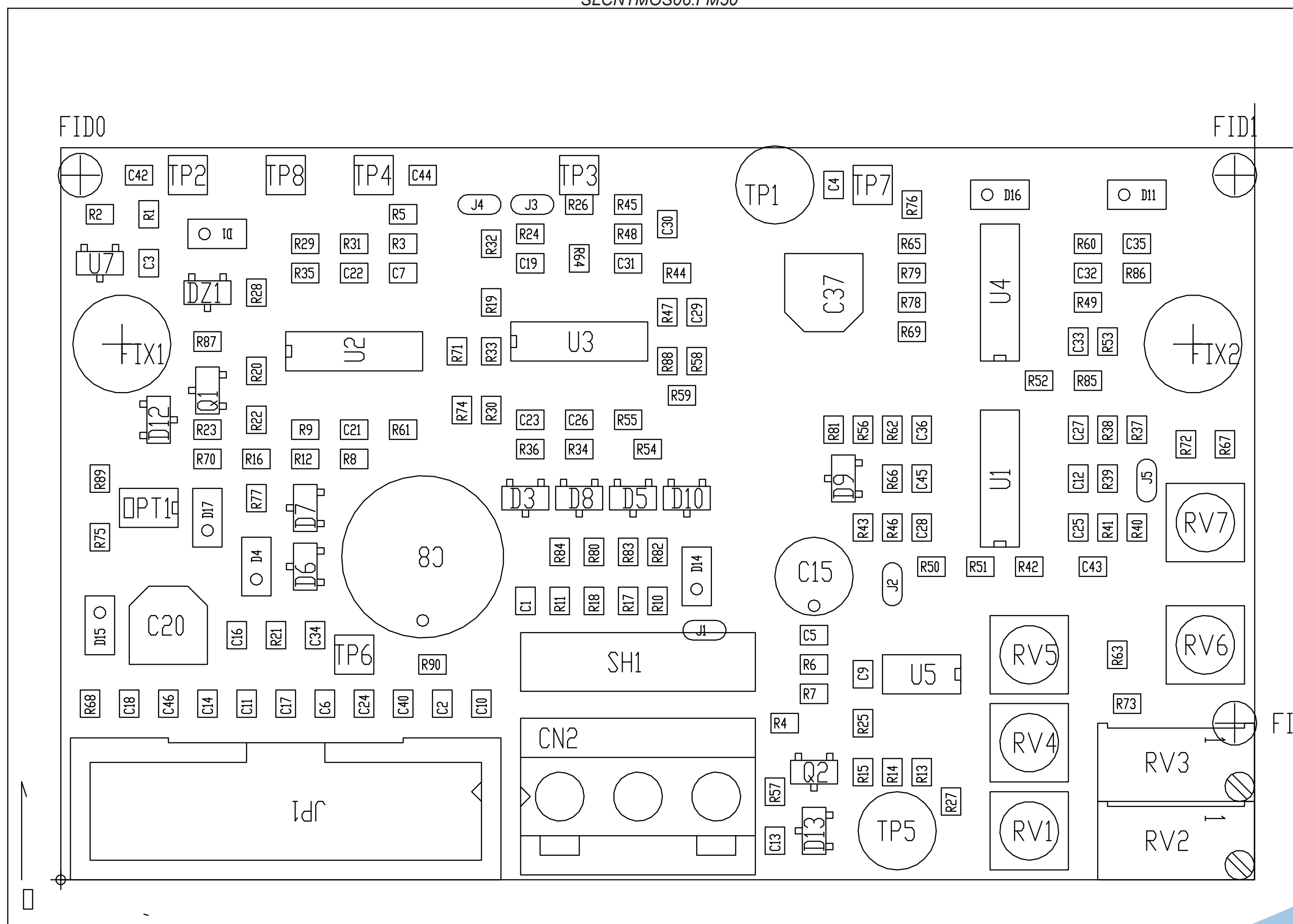
SLCNTMOS06.FM30

Controllo finale MOS TEX-PJ 2U Revised: Wednesday, May 18, 2011
SLCNTMOS06.FM30 Revision: 1.0
EXCITER 30W
Luca Gasperini

Item	Quantity	Reference	Part	Description
1	1	CN2	NC	Conn. tipo KRA a 3 poli
2	1	CS1	CSCNTMOS06	Circuito stampato
3	3	C1, C4, C5	4n7	Cond. SMD 0805
4	16	C2, C6, C7, C11, C14, C16, C17, C18, C19, C23, C24, C27, C40, C42, C44, C45	1nF	Cond. SMD 0805
5	2	C3, C34	1uF	Cond. SMD 0805
6	1	C8	220uF/35V	Cond. Elett. Dia 10 P5.08
7	1	C9	100pF	Cond. SMD 0805
8	7	C10, C12, C21, C26, C32, C35, C46	100nF	Cond. SMD 0805
9	6	C13, C25, C28, C29, C30, C43	NC	Cond. SMD 0805
10	1	C15	NC	Cond. Elett. Dia 5 P2.54
11	1	C20	NC	Cond. Elett. SMD d. 4mm
12	4	C22, C31, C33, C36	470nF	Cond. SMD 0805
13	1	C41	10uF/35 V	Cond. Elett. SMD d. 4mm
14	1	DZ1	LM4040-10 V	Diodi Zener SMD SOT23
15	1	D1	Z10V	MINIMELF SMD Zener Diode
16	5	D3, D5, D8, D9, D10	HSMS2800	Diodo Shottky SOT23
17	2	D4, D17	Z5V1	MINIMELF SMD Zener Diode
18	2	D6, D7	BAV70	Doppio Diodo SMD SOT23
19	3	D11, D14, D15	NC	MINIMELF SMD Zener Diode
20	1	D12	HSMS2804	Doppio Diodo SMD SOT23
21	1	D13	NC	Doppio Diodo SMD SOT23
22	1	D16	BAS32	MINIMELF SMD Diode
23	2	FIX1, FIX2	FIX35	Foro fissaggio 3.5mm
24	1	JP1	NC	Connettore 16 poli Flat cs
25	2	J1, J2	JSMD	Pad SMD a saldare
26	1	OPT1	TLP181	Optoisolatore SMD SO6
27	1	Q1	BC847	Trans. NPN SOT23
28	1	Q2	MMBT540LT1	Trans. PNP SOT23
29	3	RV1, RV5, RV7	5K	Trimmer SMD
30	2	RV2, RV3	20K	Trimmer Rg V 3296W
31	1	RV4	NC	Trimmer SMD
32	1	RV6	1K	Trimmer SMD
33	1	R1	470H0	Res. SMD 0805
34	5	R2, R4, R35, R37, R67	51H0	Res. SMD 0805
35	5	R3, R24, R41, R51, R53	20K0	Res. SMD 0805
36	1	R5	9K31	Res. SMD 0805
37	13	R6, R7, R15, R19, R21, R22, R23, R36, R40, R42, R46, R47, R52	10K0	Res. SMD 0805
38	8	R8, R25, R32, R43, R49, R50, R56, R74	100H0	Res. SMD 0805
39	14	R9, R44, R45, R54, R57, R59, R63, R68, R71, R76, R78, R85, R87, R90	NC	Res. SMD 0805
40	15	R10, R11, R17, R18, R55, R58, R64, R70, R79, R80, R81, R82, R83, R84, R88	0H0	Res. SMD 0805
41	10	R12, R16, R20, R26, R28, R30, R33, R38, R61, R75	1K0	Res. SMD 0805
42	3	R13, R14, R48	47K0	Res. SMD 0805
43	2	R27, R73	4K70	Res. SMD 0805
44	1	R29	18K0	Res. SMD 0805
45	1	R31	11K5	Res. SMD 0805
46	1	R34	5K6	Res. SMD 0805
47	5	R39, R60, R65, R69, R89	220H0	Res. SMD 0805
48	1	R62	24K3	Res. SMD 0805
49	2	R66, R86	1K8	Res. SMD 0805
50	1	R72	6K8	Res. SMD 0805
51	1	R77	1M0	Res. SMD 0805
52	1	SH1	0H01	Shunt passo 15.2mm fori 2mm
53	1	TP1	VPA	Foro dia. 2mm
54	1	TP2	FWD	Foro dia. 1mm
55	1	TP3	CONT.	Foro dia. 1mm
56	1	TP4	RFD	Foro dia. 1mm
57	1	TP5	GND	Foro dia. 2mm
58	1	TP6	PWR_INPUT	Foro dia. 1mm
59	1	TP7	+18V	Foro dia. 1mm
60	1	TP8	TEMP	Foro dia. 1mm
61	4	U1, U2, U3, U4	LM324SMD	Quad Op. SMD SO14
62	1	U5	TL071/SO	Dual Op. SMD SO8
63	1	U7	LM50C_SMD	Temperature sensor

SLCNTMOS06.FM50





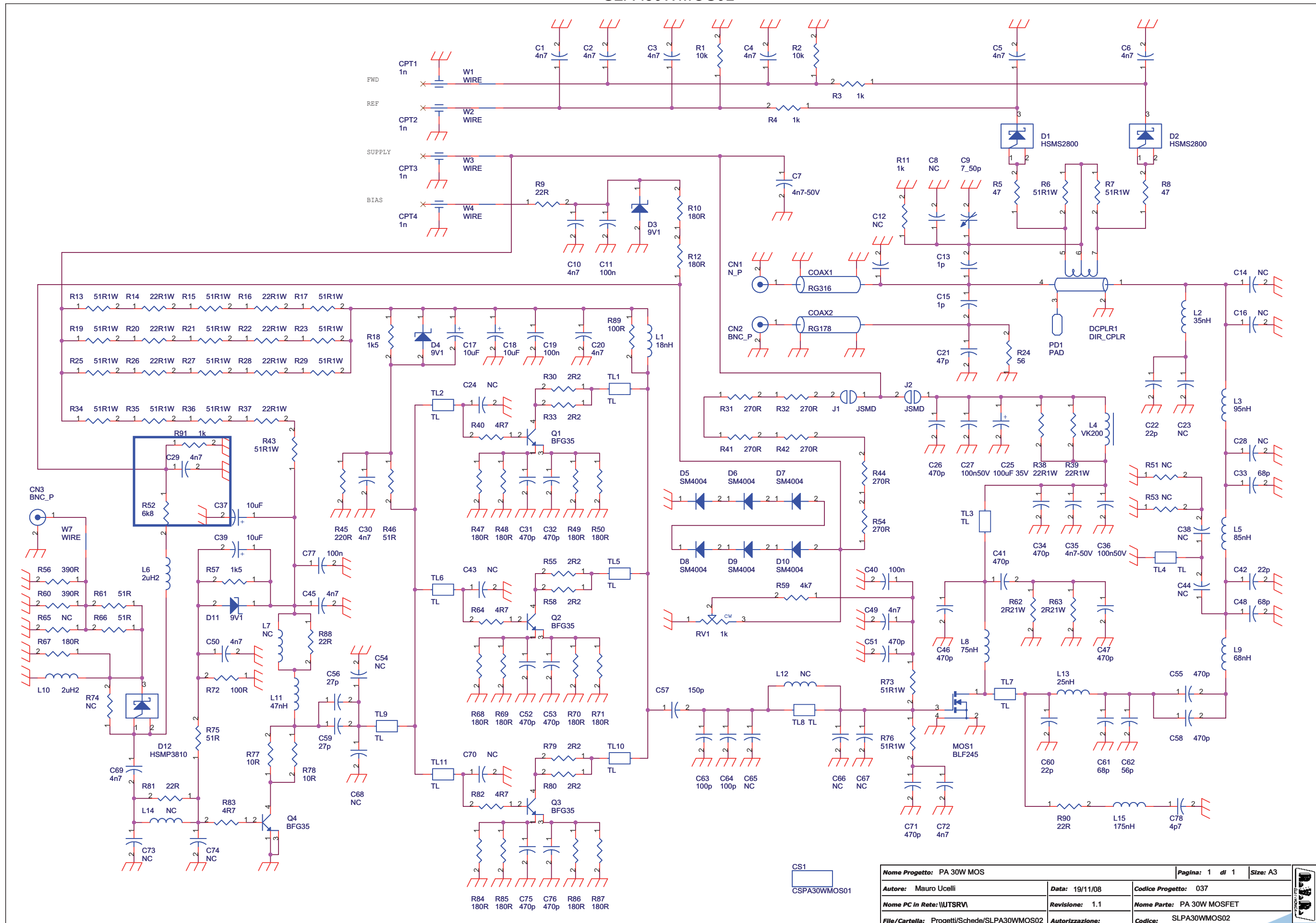


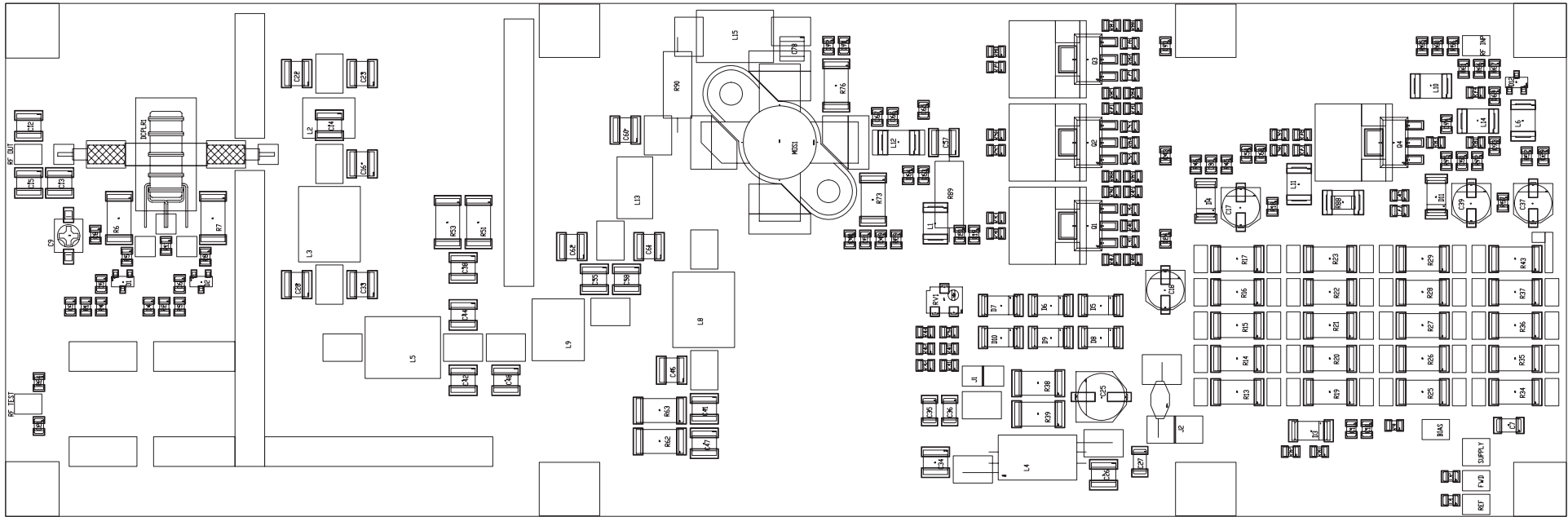
SLCNTMOS06.FM50

Controllo finale MOS TEX-PJ 2U Revised: Wednesday, May 18, 2011
SLCNTMOS06.FM50 Revision: 1.0
TEX-PJ 50-300 LCD 2U
Luca Gasperini

Item	Quantity	Reference	Part	Description
1	1	CN2	CN03KRA	Conn. tipo KRA a 3 poli
2	1	CS1	CSCNTMOS06	Circuito stampato
3	3	C1, C4, C5	4n7 100V	Cond. SMD 0805
4	16	C2, C6, C7, C11, C14, C16, C17, C18, C19, C23, C24, C27, C40, C42, C44, C45	1 nF	Cond. SMD 0805
5	2	C3, C34	1 uF	Cond. SMD 0805
6	1	C8	220uF 63V	Cond. Elettr. Dia 10 P5.08
7	1	C9	100pF	Cond. SMD 0805
8	7	C10, C13, C25, C28, C29, C30, C43	NC	Cond. SMD 0805
9	6	C12, C21, C26, C32, C35, C46	100 nF	Cond. SMD 0805
10	1	C15	NC	Cond. Elettr. Dia 5 P2.54
11	2	C20, C37	10uF/35V	
12	4	C22, C31, C33, C36	470 nF	Cond. SMD 0805
13	1	DZ1	LM4040-10 V	Diodi Zener SMD SOT23
14	2	D1, D14	10 V	MINIMELF SMD Zener Diode
15	5	D3, D5, D8, D9, D10	HSMS2800	Diodo Schottky SOT23
16	2	D4, D17	5V1	MINIMELF SMD Zener Diode
17	3	D6, D7, D13	BAV 70	Doppio Diodo SMD SOT23
18	1	D11	NC	MINIMELF SMD Zener Diode
19	1	D12	HSMS2804	Doppio Diodo SMD SOT23
20	1	D15	15 V	MINIMELF SMD Zener Diode
21	1	D16	NC	MINIMELF SMD Diode
22	2	FIX1, FIX2	FIX35	Foro fissaggio 3.5mm
23	1	JP1	NC	Connettore 16 poli Flat cs
24	2	J1, J2	JSMD	Pad SMD a saldare
25	2	J3, J5	JSMDC	
26	1	J4	JSMD	
27	1	OPT1	OPTOSM1	Optoisolatore SMD SO6
28	1	Q1	NC	Trans. NPN SOT23
29	1	Q2	MMBT540LT1	Trans. PNP SOT23
30	1	RV1	5 K	Trimmer SMD
31	2	RV2, RV3	20 K REG V	Trimmer Rg V 3296W
32	1	RV4	20K	Trimmer SMD
33	1	RV5	NC	Trimmer SMD
34	2	RV6, RV7	1K	Trimmer SMD
35	4	R1, R30, R33, R39	470 R	Res. SMD 0805
36	10	R2, R4, R8, R32, R35, R37, R43, R56, R67, R74	51 R	Res. SMD 0805
37	5	R3, R24, R51, R53, R59	20 K	Res. SMD 0805
38	1	R5	9K31	Res. SMD 0805
39	13	R6, R7, R15, R19, R21, R34, R46, R47, R52, R80, R82, R83, R84	10 K	Res. SMD 0805
40	9	R9, R22, R23, R44, R45, R64, R70, R79, R86	NC	Res. SMD 0805
41	4	R10, R11, R17, R18	820 R	Res. SMD 0805
42	11	R12, R16, R20, R26, R28, R38, R61, R63, R66, R75, R81	1 K	Res. SMD 0805
43	2	R13, R14	47 K	Res. SMD 0805
44	5	R25, R49, R50, R72, R88	100 R	Res. SMD 0805
45	4	R27, R36, R42, R73	4K7	Res. SMD 0805
46	1	R29	18 K	Res. SMD 0805
47	1	R31	11K5	Res. SMD 0805
48	1	R40	165K	Res. SMD 0805
49	1	R41	330K	Res. SMD 0805
50	2	R48, R62	28 K	Res. SMD 0805
51	2	R54, R55	100 K	Res. SMD 0805
52	2	R57, R68	82 R	Res. SMD 0805
53	1	R58	4K12	Res. SMD 0805
54	4	R60, R65, R69, R89	220 R	Res. SMD 0805
55	5	R71, R76, R78, R85, R87	0 R	Res. SMD 0805
56	1	R77	1 M	Res. SMD 0805
57	1	R90	NC	
58	1	SH1	0H01	Shunt passo 15.2mm fori 2mm
59	1	TP1	VPA	Foro dia. 2mm
60	1	TP2	FWD	Foro dia. 1mm
61	1	TP3	CONT.	Foro dia. 1mm
62	1	TP4	RFD	Foro dia. 1mm
63	1	TP5	GND	Foro dia. 2mm
64	1	TP6	PWR_INPUT	Foro dia. 1mm
65	1	TP7	+18V	Foro dia. 1mm
66	1	TP8	TEMP	Foro dia. 1mm
67	2	U1, U2	LM324SMD	Quad Op. SMD SO14
68	2	U3, U4	TL074SMD	Quad Op. SMD SO14
69	1	U5	TL071/SO	Dual Op. SMD SO8
70	1	U7	LM50C_SMD	Temperature sensor

SLPA30WMOS02





	NOME PROGETTO: PA 30W MOS	NOME PARTE: PA 30W MOSFET			
AUTORE: MAURO UCCELLI	DATA: 04/11/2005	REVISIONE: 1.0	SCALA: 1:1	SIZE: A4	PAGINA: 1 DI 1
ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"		CODICE DISEGNO: SLPA30WMOS02			
MATERIALE: <>	TRATTAMENTO: <>	PROFILO: <>		STATO: ESECUTIVO	

SLPA30WMOS02

PA 30W MOSFET
SLPA30WMOS02

Revision: 1.1

PA 30W MOS

Cod: 037

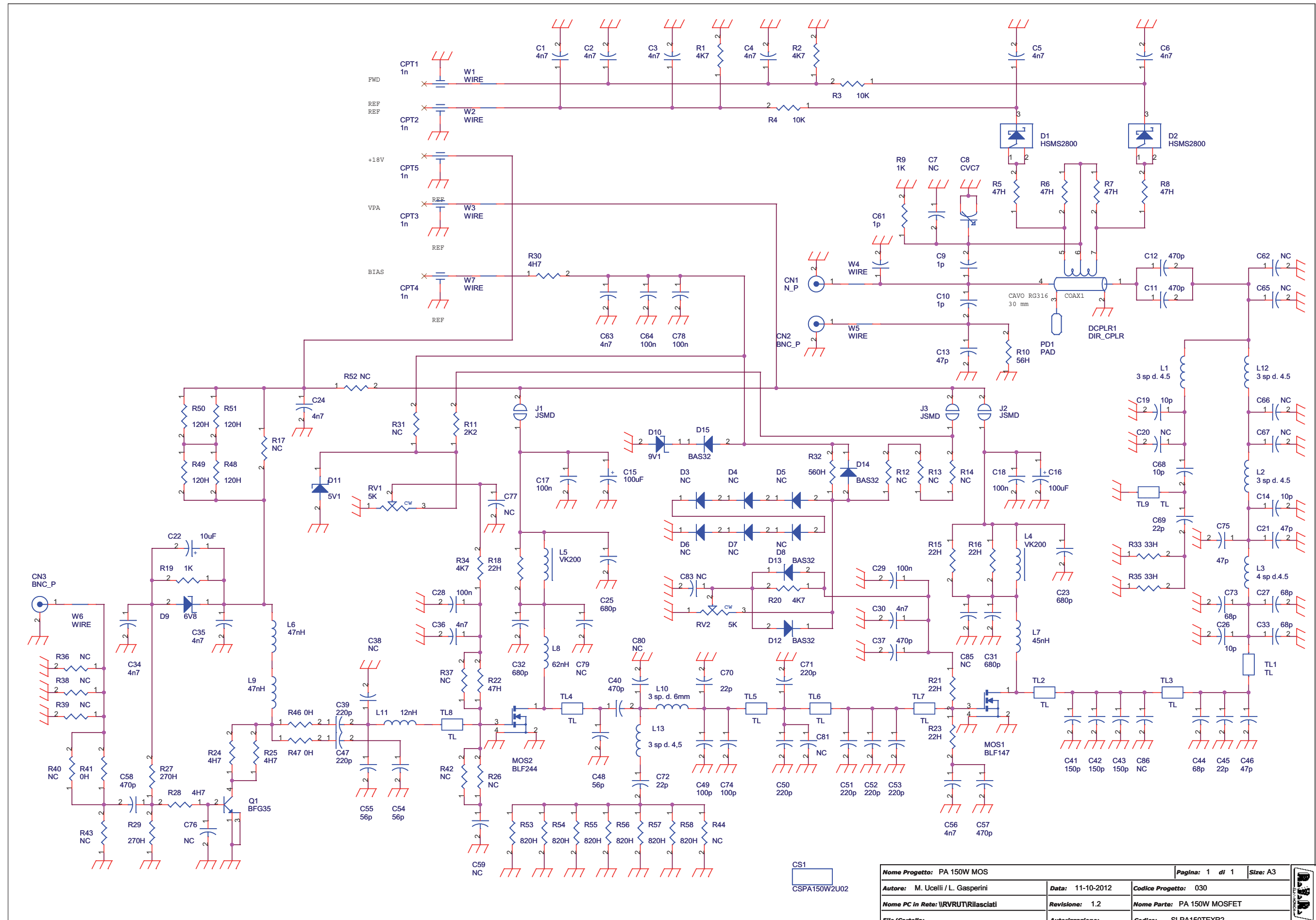
Mauro Ucelli

19/11/2008

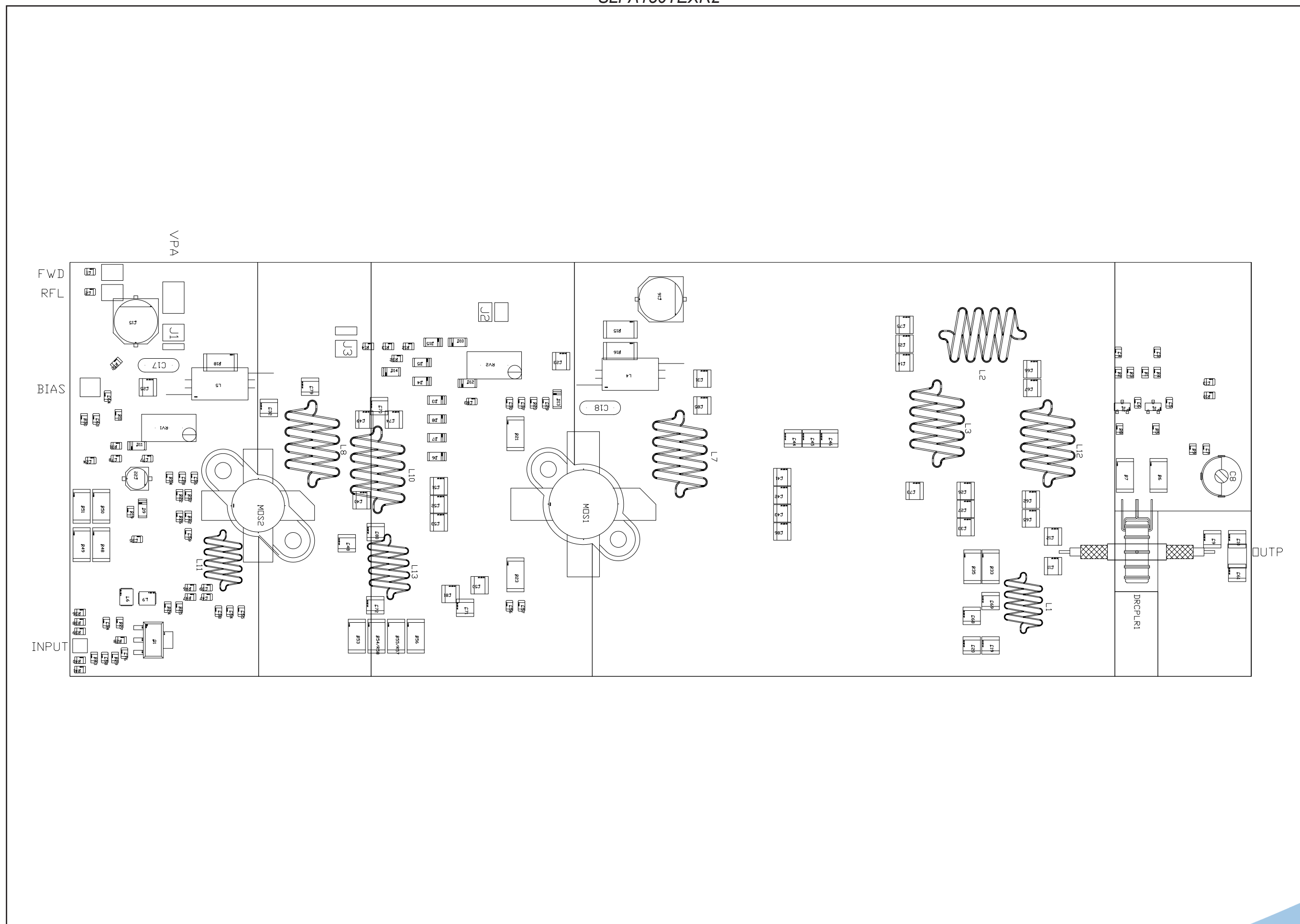
Item	Quantity	Reference	Part	Description
1	1	CN1	N_P	Conn. N da pannello
2	2	CN3,CN2	BNC_P	Conn. BNC da pannello
3	1	COAX1	RG316	Cavo coax
4	1	COAX2	RG178	Cavo coax
5	4	CPT1,CPT2,CPT3,CPT4	1n	Cond. passante
6	1	CS1	CSPA30WMOS01	Circuito stampato
7	15	C1,C2,C3,C4,C5,C6,C10, C20,C29,C30,C45,C49,C50, C69,C72	4n7	Cond. SMD 0805
8	2	C35,C7	4n7-50V	Cond. SMD 1206
9	8	C8,C54,C65,C66,C67,C68, C73,C74	NC	Cond. SMD 0805 COG
10	1	C9	7_50p	Comp. var. Murata TZB4
11	4	C11,C19,C40,C77	100n	Cond. SMD 0805
12	10	C12,C14,C16,C23,C24,C28, C38,C43,C44,C70	NC	Cond. SMD 1212 HQ
13	2	C15,C13	1p	Cond. SMD 1212 HQ
14	4	C17,C18,C37,C39	10uF	Cond. Elett. SMD d. 5mm
15	1	C21	47p	Cond. SMD 0805 COG
16	2	C42,C22	22p	Cond. SMD 1212 HQ
17	1	C25	100uF 35V	Cond. Elett. SMD d. 6.3mm
18	7	C26,C34,C41,C46,C47,C55, C58	470p	Cond. SMD 1212 HQ
19	2	C36,C27	100n50V	Cond. SMD 1206
20	8	C31,C32,C51,C52,C53,C71, C75,C76	470p	Cond. SMD 0805 COG
21	3	C33,C48,C61	68p	Cond. SMD 1212 HQ
22	2	C56,C59	27p	Cond. SMD 0805
23	1	C57	150p	Cond. SMD 1212 HQ
24	1	C60	22p	Cond. SMD 1212 HQ
25	1	C62	56p	Cond. SMD 1212 HQ
26	2	C63,C64	100p	Cond. SMD 0805 COG
27	1	C78	4p7	Cond. SMD 1212 HQ
28	1	DCPLR1	DIR_CPLR	Accopp. direz.
29	2	D2,D1	HSMS2800	
30	3	D3,D4,D11	9V1	MELF SMD Zener Diode
31	6	D5,D6,D7,D8,D9,D10	SM4004	MELF SMD Diode
32	1	D12	HSMP3810	Diodo Schottky SOT23
33	2	J1,J2	JSMD	Pad SMD a saldare
34	1	L1	18nH	Induttanza cilindrica
35	1	L2	35nH	Induttanza cilindrica
36	1	L3	95nH	Induttanza cilindrica
37	1	L4	VK200	Induttanza cilindrica VK200
38	1	L5	85nH	Induttanza cilindrica
39	2	L6,L10	2uH2	Induttanza SMD 3225 (1812)
40	3	L7,L12,L14	NC	Induttanza SMD 3225 (1210)
41	1	L8	75nH	Induttanza cilindrica
42	1	L9	68nH	Induttanza cilindrica
43	1	L11	47nH	Induttanza SMD 3225 (1210)
44	1	L13	25nH	Induttanza cilindrica
45	1	L15	175nH	Induttanza cilindrica
46	1	MOS1	BLF245	Power mosfet RF

47	1	PD1	PAD	
48	4	Q1,Q2,Q3,Q4	BFG35	Trans. NPN SOT223
49	1	RV1	1k	Trimm. multi SMD PVG5 Murata
50	2	R1,R2	10k	Res. SMD 0805
51	4	R3,R4,R11,R91	1k	Res. SMD 0805
52	2	R5,R8		47 Res. SMD 0805
53	17	R6,R7,R13,R15,R17,R19, R21,R23,R25,R27,R29,R34, R35,R36,R43,R73,R76	51R1W	Res. SMD 2512
54	2	R9,R81	22R	Res. SMD 0805
55	15	R10,R12,R47,R48,R49,R50, R67,R68,R69,R70,R71,R84, R85,R86,R87	180R	Res. SMD 0805
56	9	R14,R16,R20,R22,R26,R28, R37,R38,R39	22R1W	Res. SMD 2512
57	2	R57,R18	1k5	Res. SMD 0805
58	1	R24		56 Res. SMD 0805
59	6	R30,R33,R55,R58,R79,R80	2R2	Res. SMD 0805
60	6	R31,R32,R41,R42,R44,R54	270R	Res. SMD 0805
61	4	R40,R64,R82,R83	4R7	Res. SMD 0805
62	1	R45	220R	Res. SMD 0805
63	4	R46,R61,R66,R75	51R	Res. SMD 0805
64	2	R51,R53	NC	Res. SMD 2512
65	1	R52	6k8	Res. SMD 0805
66	2	R60,R56	390R	Res. SMD 0805
67	1	R59	4k7	Res. SMD 0805
68	2	R63,R62	2R21W	Res. SMD 2512
69	2	R65,R74	NC	Res. SMD 0805
70	1	R72	100R	Res. SMD 0805
71	2	R78,R77	10R	Res. SMD 0805
72	1	R88	22R	Res. SMD 2010
73	1	R89	100R	Res. 2W tradizionale
74	1	R90	22R	Res. 2W tradizionale
75	11	TL1,TL2,TL3,TL4,TL5,TL6, TL7,TL8,TL9,TL10,TL11	TL	Linea strip CS
75	5	W1,W2,W3,W4,W7	WIRE	Filo a saldare

SLPA150TEXR2



SLPA150TEXR2

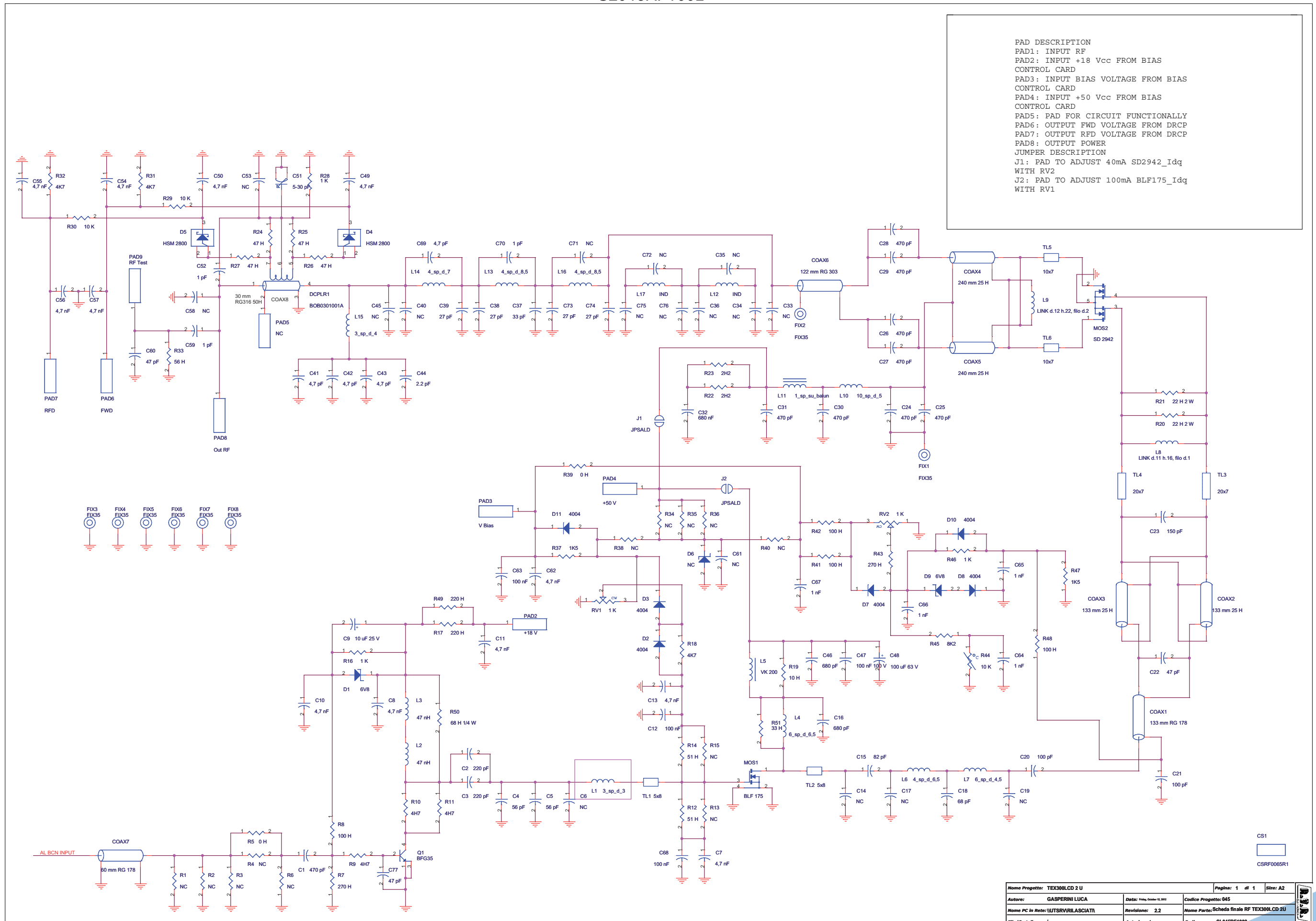


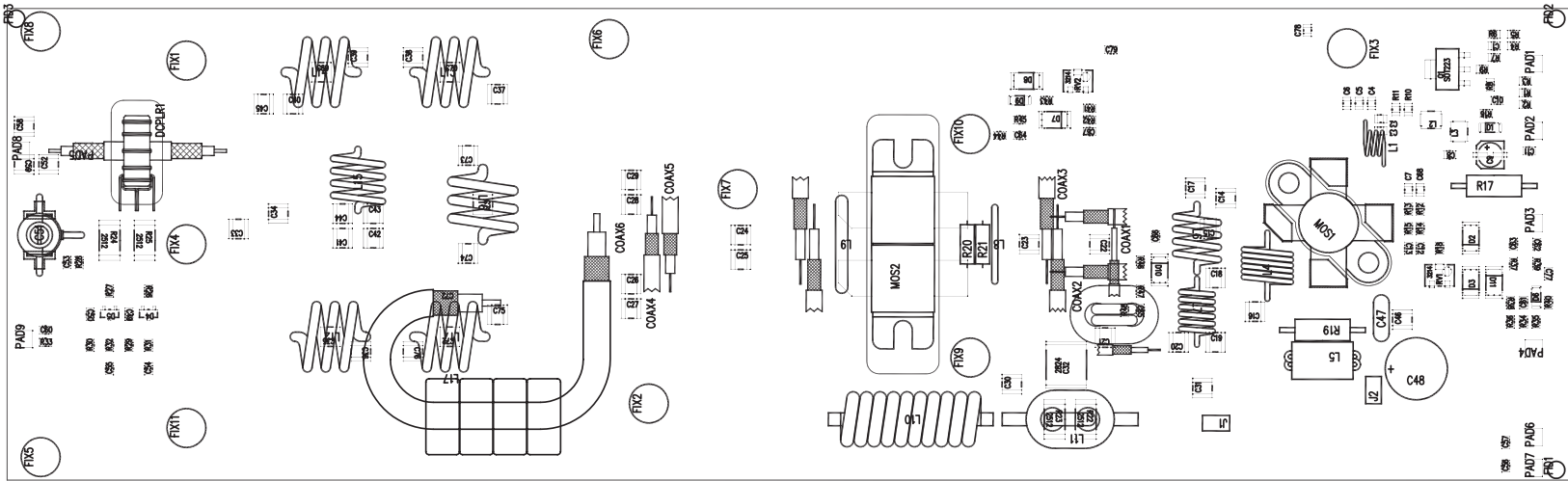
SLPA150TEXR2

PA 150W MOSFET Revised: 11/10/2012
SLPA150TEXR2 Revision: 1.2
TEX100/150LCD
030
M. Ucelli / L. Gasperini

Item	Quantity	Reference	Part	(description)	CODICE AS400
1	1	CN1	N_P	Conn. N da pannello	CNTNFPFLPI
2	2	CN3, CN2	BNC_P	Conn. BNC da pannello	CNTBNCFPV
3	5	CPT1, CPT2, CPT3, CPT4, CPT5	1n	Cond. passante	PASSANTE
4	1	CS1	CSPA150W2U02	Circuito stampato	CSPA150W2U02
5	13	C1, C2, C3, C4, C5, C6, C24, C30, C34, C35, C36, C56, C63	4n7	Cond. SMD 0805 COG	CCC085472KXC
6	3	C7, C38, C59	NC	Cond. SMD 0805 COG	
7	1	C8	5-30 pF	Comp. ceramico dia. 7mm	CVC300D07
8	3	C9, C10, C61	1p	Cond. SMD 1212 HQ	CHQ010CA501
9	3	C11, C12, C40	470p	Cond. SMD 1212 HQ	CHQ471JA201
10	1	C13	47p	Cond. SMD 0805 COG	CCC085470JCC
11	4	C14, C19, C26, C68	10p	Cond. SMD 1212 HQ	CHQ100CA501
12	2	C16, C15	100uF	Cond. Elett. SMD d. 6.3mm	CES107E350
13	2	C18, C17	100n	Cond. ceramico multistrato p 5mm	CMS104MC500
14	10	C20, C62, C65, C66, C67, C79, C80, C81, C85, C86	NC	Cond. SMD 1212 HQ	
15	3	C21, C46, C75	47p	Cond. SMD 1212 HQ	CHQ470JA501
16	1	C22	10uF	Cond. Elett. SMD d. 5mm	CES106B350
17	4	C23, C25, C31, C32	680p	Cond. SMD 1212 HQ	CHQ681JA101
18	4	C27, C33, C44, C73	68p	Cond. SMD 1212 HQ	CHQ680CA501
19	4	C28, C29, C64, C78	100n	Cond. SMD 0805 COG	CCC085104KXC
20	3	C37, C57, C58	470p	Cond. SMD 0805 COG	CCC085471JCC
21	2	C47, C39	220p	Cond. SMD 0805 COG	CCC085221JCC
22	3	C41, C42, C43	150p	Cond. SMD 1212 HQ	CHQ151JA301
23	4	C45, C69, C70, C72	22p	Cond. SMD 1212 HQ	CHQ220CA501
24	1	C48	56p	Cond. SMD 1212 HQ	CHQ560CA501
25	2	C49, C74	100p	Cond. SMD 1212 HQ	CHQ101CA501
26	5	C50, C51, C52, C53, C71	220p	Cond. SMD 1212 HQ	CHQ221CA301
27	2	C55, C54	56p	Cond. SMD 0805 COG	CCC085560JCC
28	3	C76, C77, C83	NC	Cond. SMD 0805	
29	1	DCPLR1	DIR_CPLR	Accopp. direz.	BOB03010001A
30	2	D1, D2	HSMS2800	Diodo Hot Carrier SOT23	DISHSMS2800
31	6	D3, D4, D5, D6, D7, D8	NC	MINIMELF SMD Diode	
32	1	D9	6V8	MINIMELF SMD Zener Diode	DIZ6V8MINI
33	1	D10	9V1	MINIMELF SMD Zener Diode	DIZ9V1MINI
34	1	D11	5V1	MINIMELF SMD Zener Diode	DIZ5V1MINI
35	4	D12, D13, D14, D15	BAS32	MINIMELF SMD Diode	DISBAS32
36	3	J1, J2, J3, PD1	J5MD	Pad SMD a saldare	
37	3	L2, L12	3 sp d. 4.5	Induttanza cilindrica	BOB01020052A
38	1	L3	4 sp d.4.5	Induttanza cilindrica	BOB01020053A
39	2	L5, L4	VK200	Induttanza cilindrica VK200	IMPVK00A
40	2	L9, L6	47nH	Induttanza SMD 3225 (1210)	IMP47NS120
41	1	L7	45nH	Induttanza cilindrica	BOB01020055A
42	1	L8	62nH	Induttanza cilindrica	BOB01020056A
43	1	L10	3 sp. d. 6mm	Induttanza cilindrica	BOB01020054A
44	1	L11	12nH	Induttanza cilindrica	BOB01010013A
45	1	L13	3 sp d. 4,5	Induttanza cilindrica	BOB01020057A
46	1	MOS1	BLF147	Power mosfet RF	TRNBFLF147
47	1	MOS2	BLF244	Power mosfet RF	TRNBFLF244
48	1	L1	3 sp d.4.5	Induttanza cilindrica	BOB01020093A
49	1	Q1	BFG35	Trans. NPN SOT223	TRNBFG35
50	2	RV2, RV1	5K	Trimmer Rg V 3296W	RVT3296WK005
51	4	R1, R2, R20, R34	4K7	Res. SMD 0805	RCH085F004K7
52	2	R3, R4	10K	Res. SMD 0805	RCH085F0010K
53	3	R5, R8, R22	47H	Res. SMD 0805	RCH085F0047H
54	2	R7, R6	47H	Res. SMD 2512	RCH252J0047H
55	2	R9, R19	1K	Res. SMD 0805	RCH085F0001K
56	1	R10	56H	Res. SMD 0805	RCH085F0056H
57	1	R11	2K2	Res. SMD 0805	RCH085F002K2
58	13	R12, R13, R14, R26, R31, R36, R37, R38, R39, R40, R42, R43, R52	NC	Res. SMD 0805	
59	5	R15, R16, R18, R21, R23	22H	Res. SMD 2512	RCH252J0022H
60	1	R17	NC	Res. 20W	
61	4	R24, R25, R28, R30	4H7	Res. SMD 0805	RCH085F004H7
62	2	R27, R29	270H	Res. SMD 0805	RCH085F0270H
63	1	R32	560H	Res. SMD 0805	RCH085F0560H
64	2	R33, R35	33H	Res. SMD 2512	RCH252J0033H
65	3	R41, R46, R47	0H	Res. SMD 0805	RCH085F0000H
66	1	R44	NC	Res. 2W	
67	4	R48, R49, R50, R51	120H	Res. SMD 2512 5%	RCH252J0120H
68	6	R53, R54, R55, R56, R57, R58	820H	Res. SMD 2512 5%	RCH252J0820H
69	9	TL1, TL2, TL3, TL4, TL5, TL6, TL7, TL8, TL9	TL	Linea strip CS	
70	7	W1, W2, W3, W4, W5, W6, W7	WIRE	Filo a saldare	
71	1	COAX1	RG316/50 30mm	Cavo Coax	CAVRG316/50

SL045RF1002





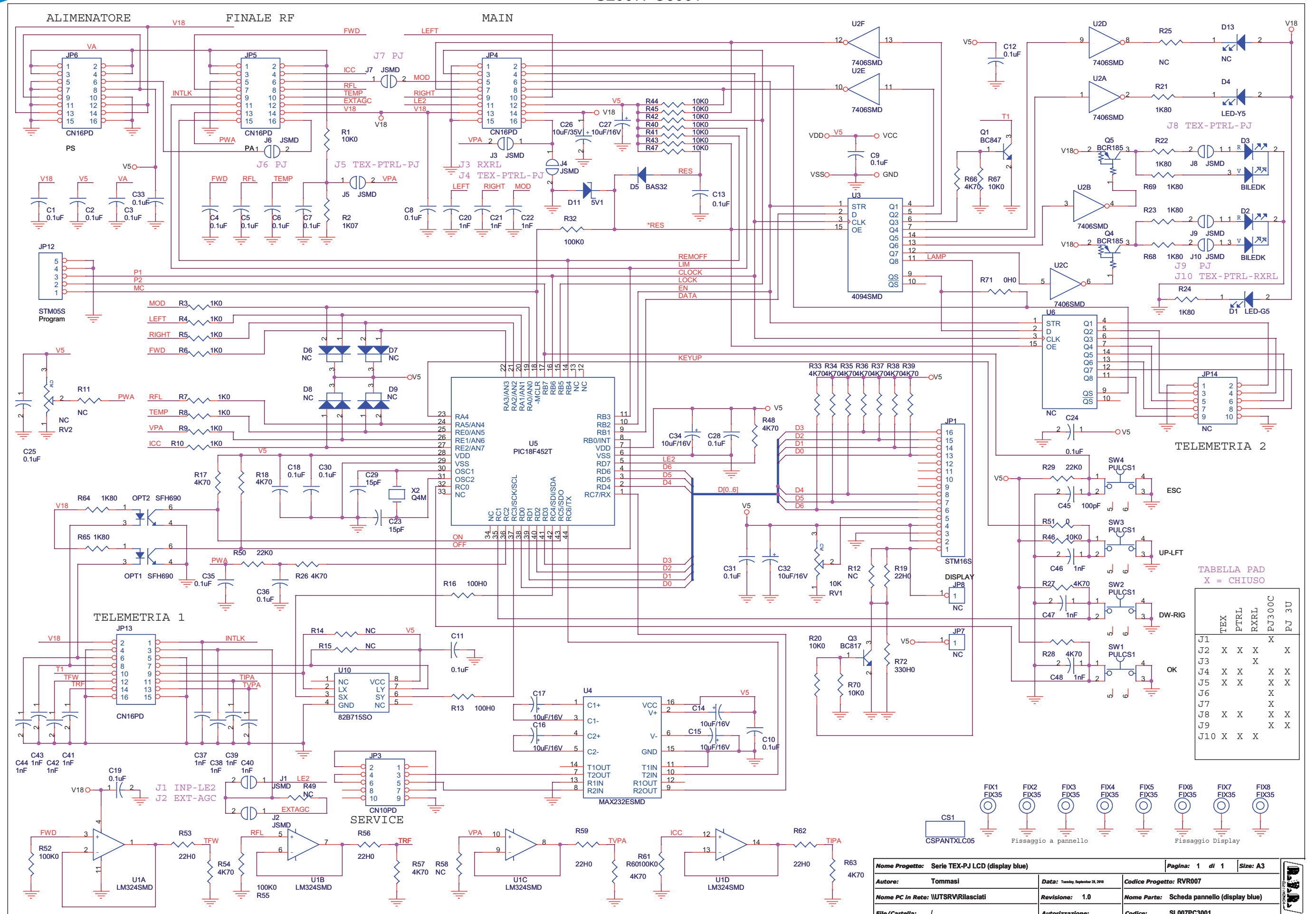
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	AUTORE: L. GASPERINI	DATA: 22/01/2008	REVISIONE: 1.1 SCALA: 1:1 SIZE: A3 PAGINA: 1 DI 1
ARCHIVIAZIONE ELETTRONICA: "CARTELLA RILASCIATI" SU "UTSRV"		CODICE PROGETTO: 045	CODICE DISEGNO: SL045RF1002
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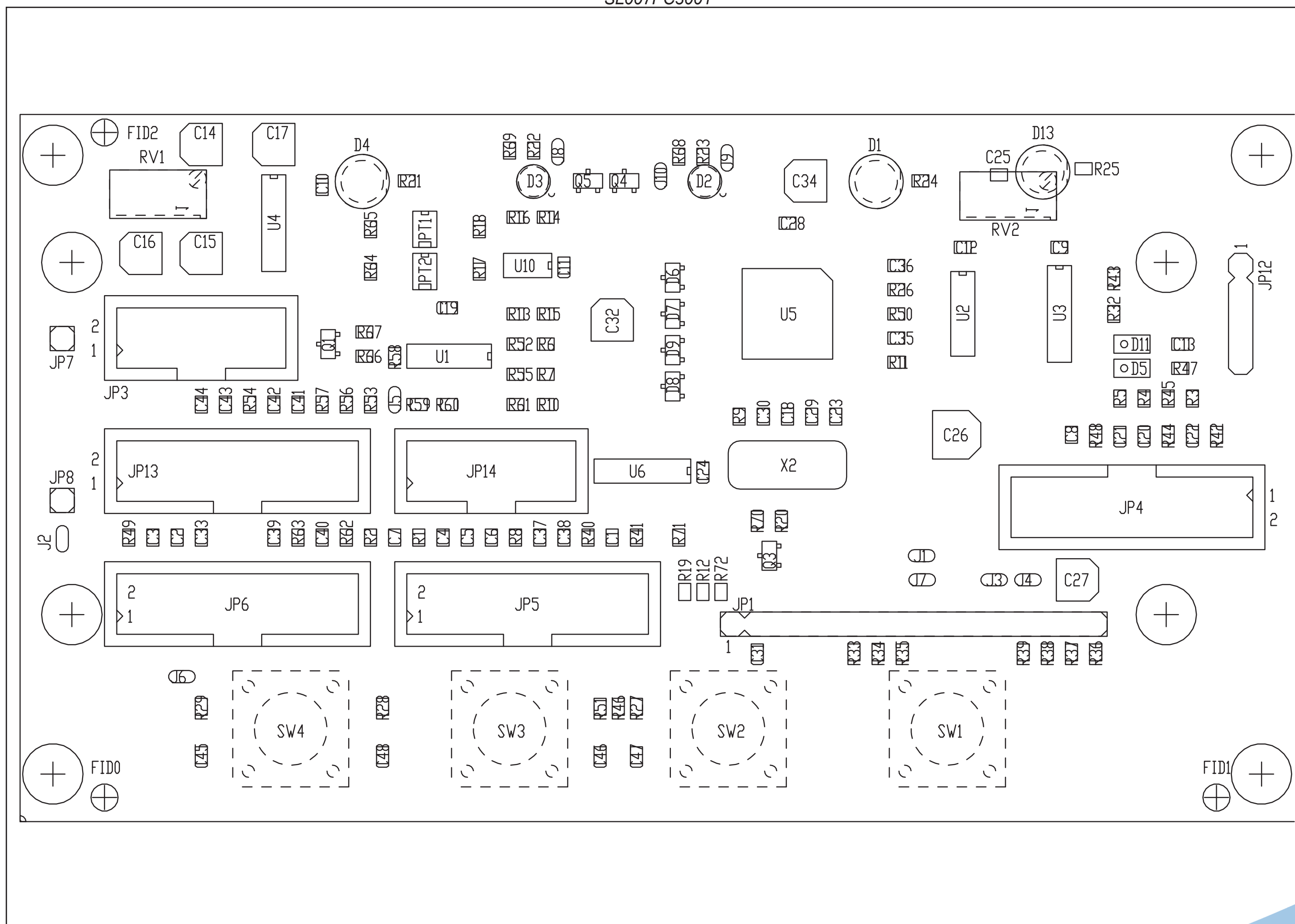
SL045RF1002

Scheda finale RF TEX300LCD 2U Revised: 12/10/2012
SL045RF1002 Revision: 2.2
TEX300LCD 2 U
045

GASPERINI LUCA

Item	Quantity	Reference	Part	(description)
1	1	COAX1	133 mm RG 178	Cavo coax
2	2	COAX3, COAX2	133 mm 25 H	Cavo coax
3	2	COAX4, COAX5	240 mm 25 H	Cavo coax
4	1	COAX6	122 mm RG 303	Cavo coax
5	1	COAX7	60 mm RG 178	Cavo coax
6	1	COAX8	30 mm RG316 50H	Cavo coax
7	1	CS1	CSRF0065R1	Circuito stampato
8	1	C1	470 pF	Cond. SMD 0805
9	2	C2, C3	220 pF	Cond. SMD 0805
10	2	C4, C5	56 pF	Cond. SMD 0805
11	3	C6, C53, C61	NC	Cond. SMD 0805
12	12	C7, C8, C10, C11, C13, C49, C50, C54, C55, C56, C57, C62	4.7 nF	Cond. SMD 0805
13	1	C9	10 uF 25 V	Cond. Elettr. SMD d. 4mm
14	3	C12, C63, C68	100 nF	Cond. SMD 0805
15	14	C14, C17, C19, C33, C34, C35, C36, C40, C45, C58, C71, C72, C75, C76	NC	Cond. SMD 1212 HQ
16	1	C15	82 pF	Cond. SMD 1212 HQ
17	2	C46, C16	680 pF	Cond. SMD 1212 HQ
18	1	C18	68 pF	Cond. SMD 1212 HQ
19	2	C21, C20	100 pF	Cond. SMD 1212 HQ
20	1	C22	47 pF	Cond. SMD 1212 HQ
21	1	C23	150 pF	Cond. SMD 1212 HQ
22	8	C24, C25, C26, C27, C28, C29, C30, C31	470 pF	Cond. SMD 1212 HQ
23	1	C32	680 nF	Cond. SMD 2824
24	1	C37	33 pF	Cond. SMD 1212 HQ
25	4	C38, C39, C73, C74	27 pF	Cond. SMD 1212 HQ
26	4	C41, C42, C43, C69	4.7 pF	Cond. SMD 1212 HQ
27	3	C52, C59, C70	1 pF	Cond. SMD 1212 HQ
28	1	C44	2.2 pF	Cond. SMD 1212 HQ
29	1	C47	100 nF 100 V	Cond. ceramico multistrato p 5mm
30	1	C48	100 uF 63 V	Cond. Elettr. Dia 10 P5.08
31	1	C51	5-30 pF	Comp. ceramico dia. 7mm
32	2	C60, C77	47 pF	Cond. SMD 0805
33	4	C64, C65, C66, C67	1 nF	Cond. SMD 0805
34	1	DCPLR1	BOB0301001A	Accopp. direz.
35	2	D9, D1	6V8	MINIMELF SMD Zener Diode
36	6	D2, D3, D7, D8, D10, D11	4004	MELF SMD Diode
37	2	D4, D5	HSM 2800	
38	1	D6	NC	MINIMELF SMD Zener Diode
39	8	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8	FIX35	Foro fissaggio 3.5mm
40	2	J1, J2	JPSALD	Jumper a saldare
41	1	L1	3 sp. d. 3	Induttanza cilindrica
42	2	L2, L3	47 nH	Induttanza SMD 3225 (1210)
43	1	L4	6 sp. d. 6.5	Induttanza cilindrica
44	1	L5	VK 200	Induttanza cilindrica VK200
45	1	L6	4 sp. d. 6.5	Induttanza cilindrica
46	1	L7	6 sp. d. 4.5	Induttanza cilindrica
47	1	L8	LINK d.11 h.16, filo d.1	Induttanza cilindrica
48	1	L9	LINK d.12 h.22, filo d.2	Induttanza cilindrica
49	1	L10	10 sp. d. 5	Induttanza cilindrica
50	1	L11	1 sp. su balun	
51	2	L17, L12	NC	Induttanza cilindrica
52	2	L13, L16	4 sp. d. 8.5	Induttanza cilindrica
53	1	L14	4 sp. d. 7	Induttanza cilindrica
54	1	L15	3 sp. d. 7	Induttanza cilindrica
55	1	MOS1	BLF 175	Power mosfet RF
56	1	MOS2	SD 2842	PP Power mosfet RF
57	1	PAD2	+18 V	
58	1	PAD3	V Bias	
59	1	PAD4	+50 V	
60	1	PAD5	NC	
61	1	PAD6	FWD	
62	1	PAD7	RFD	
63	1	PAD8	Out RF	
64	1	PAD9	RF Test	
65	1	Q1	BFG35	Trans. NPN SOT223
66	2	RV1, RV2	1 K	Trimmer SMD
67	12	R1, R2, R3, R4, R6, R13, R15, R34, R35, R36, R38, R40	NC	Res. SMD 0805 1%
68	2	R5, R39	0 H	Res. SMD 0805 1%
69	2	R7, R43	270 H	Res. SMD 0805 1%
70	4	R8, R41, R42, R48	100 H	Res. SMD 0805 1%
71	3	R9, R10, R11	4H7	Res. SMD 0805 1%
72	2	R14, R12	51 H	Res. SMD 0805 1%
73	3	R16, R28, R46	1 K	Res. SMD 0805 1%
74	2	R49, R17	220 H	Res. 2W
75	3	R18, R31, R32	4K7	Res. SMD 0805 1%
76	1	R19	10 H	Res. 2W
77	2	R20, R21	22 H 2 W	Res. 2W 1%
78	2	R22, R23	2H2	Res. SMD 2512 1%
79	2	R24, R25	47 H	Res. SMD 2512 1%
80	2	R26, R27	47 H	Res. SMD 0805 1%
81	2	R30, R29	10 K	Res. SMD 0805 1%
82	1	R33	56 H	Res. SMD 0805 1%
83	2	R47, R37	1K5	Res. SMD 0805 1%
84	1	R44	10 K	Res. SMD NTC 10 K
85	1	R45	8K2	Res. SMD 0805 1%
86	1	R50	68 H 1/4 W	Res. 1/4W 1%
87	1	R51	33 H	Res. 2W
88	2	TL2, TL1	5x8	Linea strip CS
89	2	TL3, TL4	20x7	Linea strip CS
90	2	TL5, TL6	10x7	Linea strip CS





SL007PC3001

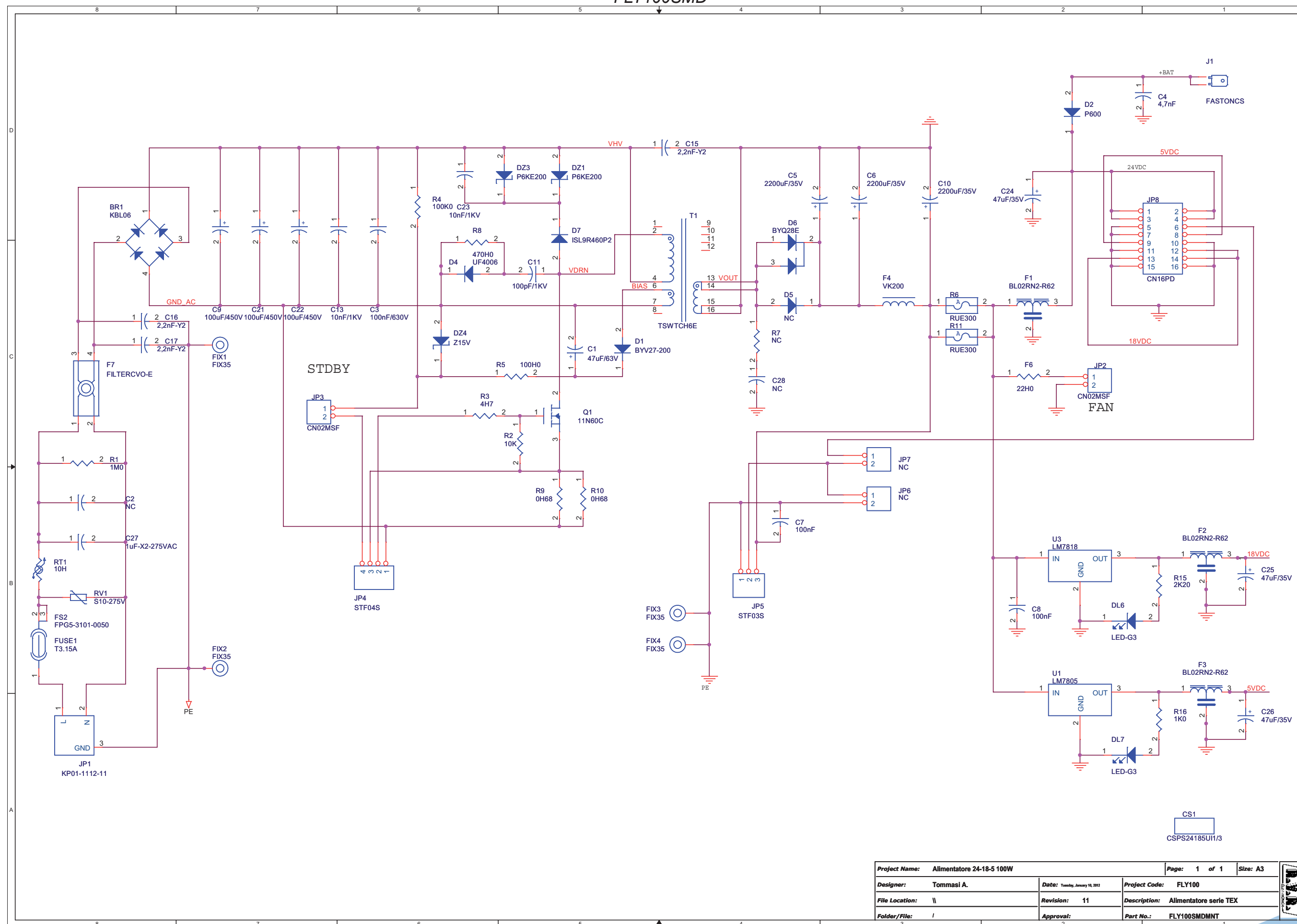
Scheda pannello serie TEX/PJ - SL007PC3001
28/09/2010 Revision: 1.0
Serie TEX-PJ LCD (display blue)
RVR007
Tommasi

Item	Quantity	Reference	Part	Description	Code
1	1	CS1	CSPANTXLC05	Circuito stampato	CSPANTXLC05
2	23	C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C18,C19,C24,C25,C28,C30,C31,C33,C35,C36	0.1uF	Cond. SMD 0805	CCC085104KXC
3	7	C14,C15,C16,C17,C27,C32,C34	10uF/16V	Cond. Elett. SMD d. 4mm	CES106A160
4	14	C20,C21,C22,C37,C38,C39,C40,C41,C42,C43,C44,C46,C47,C48	1nF	Cond. SMD 0805	CCC085102KXC
5	2	C23,C29	15pF	Cond. SMD 0805	CCC085150JCC
6	1	C26	10uF/35V	Cond. Elett. SMD d. 5mm	CES106B350
7	1	C45	100pF	Cond. SMD 0805	CCC085101JCC
8	1	D1	LED-G5	LED Verde dia. 5mm	LEDV05
9	2	D2,D3	BILEDK	Doppio led V-R 5mm Catodo com.	LEDB05
10	1	D4	LED-Y5	LED Giallo dia. 5mm	LEDG05
11	1	D5	BAS32	MINIMELF SMD Diode	DISBAS32MINI
12	4	D6,D7,D8,D9	NC	Doppio Diodo SMD SOT23	
13	1	D11	5V1	MINIMELF SMD Zener Diode	DIZ5V1MINI
14	1	D13	NC	LED Giallo dia. 5mm	
15	8	FIX1,FIX2,FIX3,FIX4,FIX5,FIX6,FIX7,FIX8	FIX35	Foro fissaggio 3.5mm	
16	1	JP1	STM16S	Strip maschio 16 pin	Stecca tagliata
17	1	JP3	CN10PD	Connettore 10 poli Flat cs	CNTMCS10A
18	4	JP4,JP5,JP6,JP13	CN16PD	Connettore 16 poli Flat cs	CNTMCS16A
19	3	JP7,JP8,JP14	NC		
20	1	JP12	STM05S	Strip maschio 5 pin	Stecca tagliata
21	10	J1,J2,J3,J4,J5,J6,J7,J8,J9,J10	J5MD	Pad SMD a saldare	
22	2	OPT1,OPT2	SFH690	Optoisolatore SMD SO6	LEDTLP181
23	1	Q1	BC847	Trans. NPN SOT23	TRNBC847
24	1	Q3	BC817	Trans. NPN SOT23	TRNBC817
25	2	Q4,Q5	BCR185	Trans./Res. PNP SOT23	TRNBCR185
26	1	RV1	10K	Trimmer Rg O 3386X	RVT3386XK010
27	1	RV2	NC	Trimmer Rg V 3296W	
28	12	R1,R20,R40,R41,R42,R43,R44,R45,R46,R47,R67,R70	10K0	Res. SMD 0805 1%	RCH085F0010K
29	1	R2	1K07	Res. SMD 0805 1%	RCH085F01K07
30	8	R3,R4,R5,R6,R7,R8,R9,R10	1K0	Res. SMD 0805 1%	RCH085F0001K
31	7	R11,R12,R25,R49,R58,R14,R15	NC	Res. SMD 0805 1%	
33	2	R13,R16	100H0	Res. SMD 0805 1%	RCH085F0100H
34	1	R72	330H0	Res. SMD 0805 1%	RCH085F0330H
35	18	R17,R18,R26,R27,R28,R33,R34,R35,R36,R37,R38,R39,R48,R54,R57,R60,R63,R66	4K70	Res. SMD 0805 1%	RCH085F004K7
36	8	R21,R22,R23,R24,R64,R65,R68,R69	1K80	Res. SMD 0805 1%	RCH085F001K8
37	2	R29,R50	22K0	Res. SMD 0805 1%	RCH085F0022K
38	4	R32,R52,R55,R61	100K0	Res. SMD 0805 1%	RCH085F0100K
39	2	R51,R71	0H0	Res. SMD 0805 1%	RCH085F0000H
40	5	R19,R53,R56,R59,R62	22H0	Res. SMD 0805 1%	RCH085F0022H
41	4	SW1,SW2,SW3,SW4	PULCS1	Pulsante cs	PLC1V1M000M
42	1	U1	LM324SMD	Quad Op. SMD SO14	CILLM324SMD
43	1	U2	7406SMD	Hex inv OC SMD SO14	CID7406SMD
44	1	U3	4094SMD	Shift Reg. SMD SO16	CIDCD4094SMD
45	1	U4	MAX232ESMD	RS232 Driver SMD SO16	CIDMX232CSES
46	1	U5	PIC18F452T	TQFP44 SMD Microprocessor	CIDPIC18F452
47	1	U10	82B715SO	IIC Bus driver SMD SO8	CID82B715S
48	1	X2	Q4M	Quarzo SMD HC49SMD	QRZ000004MC
49	1	U6	NC	Shift Reg. SMD SO16	

NOTA1 Personalizzazione TEX500LCDTDF: R69 diventa NC

NOTA1

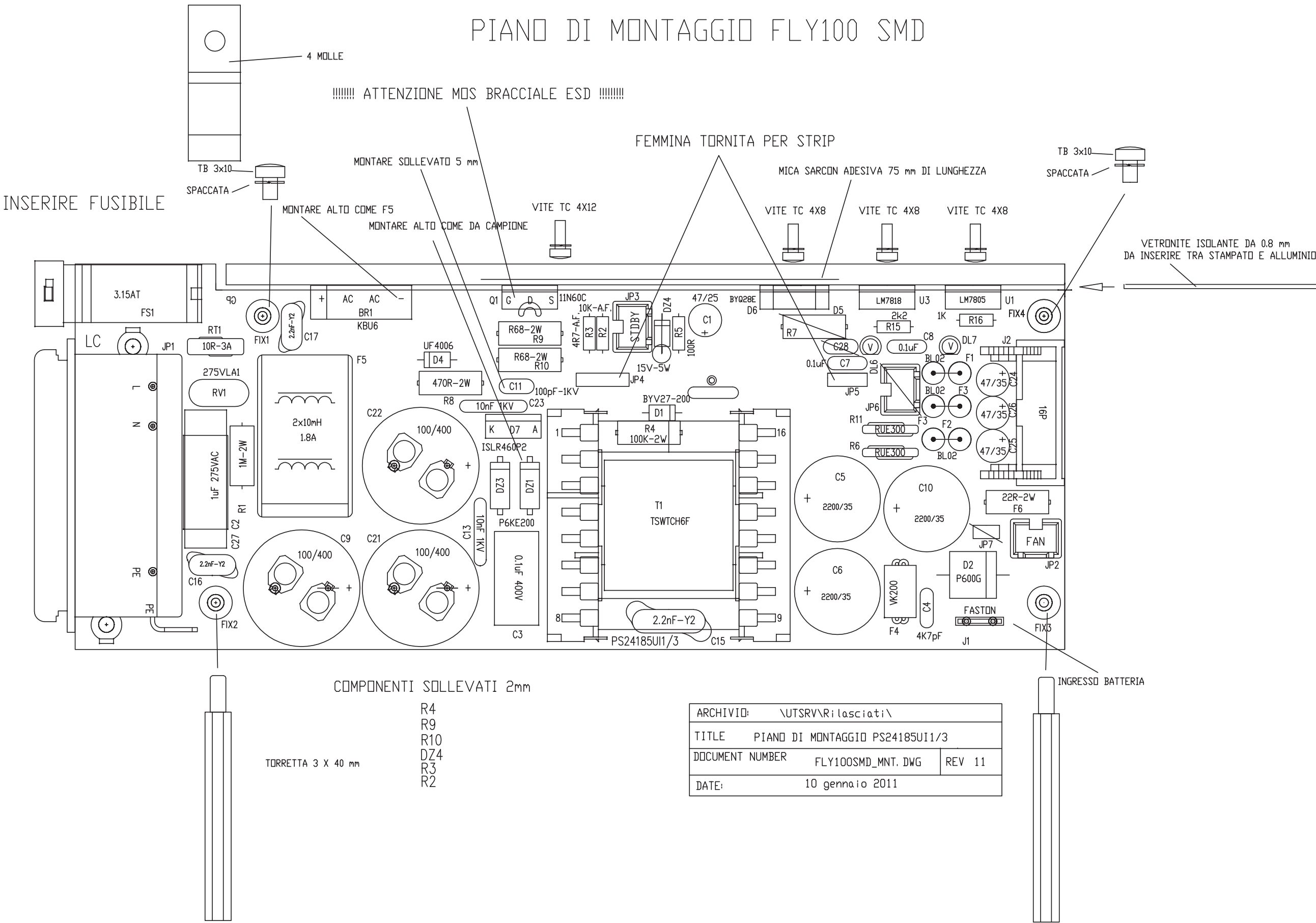
FLY100SMD



Project Name: Alimentatore 24-18-5 100W		Page: 1 of 1	Size: A3
Designer: Tommasi A.	Date: Tuesday, January 10, 2012	Project Code: FLY100	
File Location: \	Revision: 11	Description: Alimentatore serie TEX	
Folder/File: /	Approval:	Part No.: FLY100SMDMNT	

FLY100SMD

PIANO DI MONTAGGIO FLY100 SMD

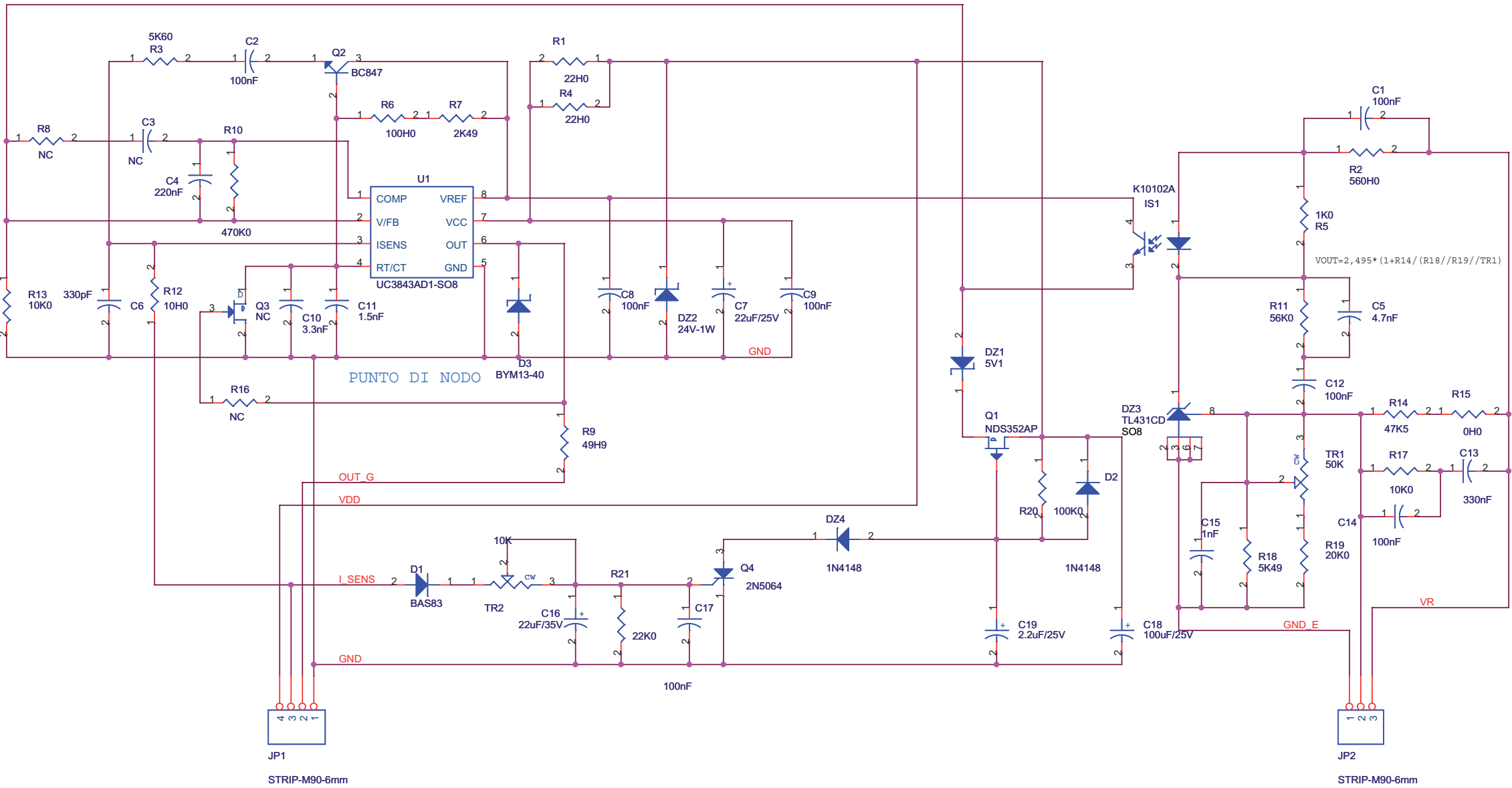


FLY100SMD

Revised: Thursday, May 28, 2009
Revision:

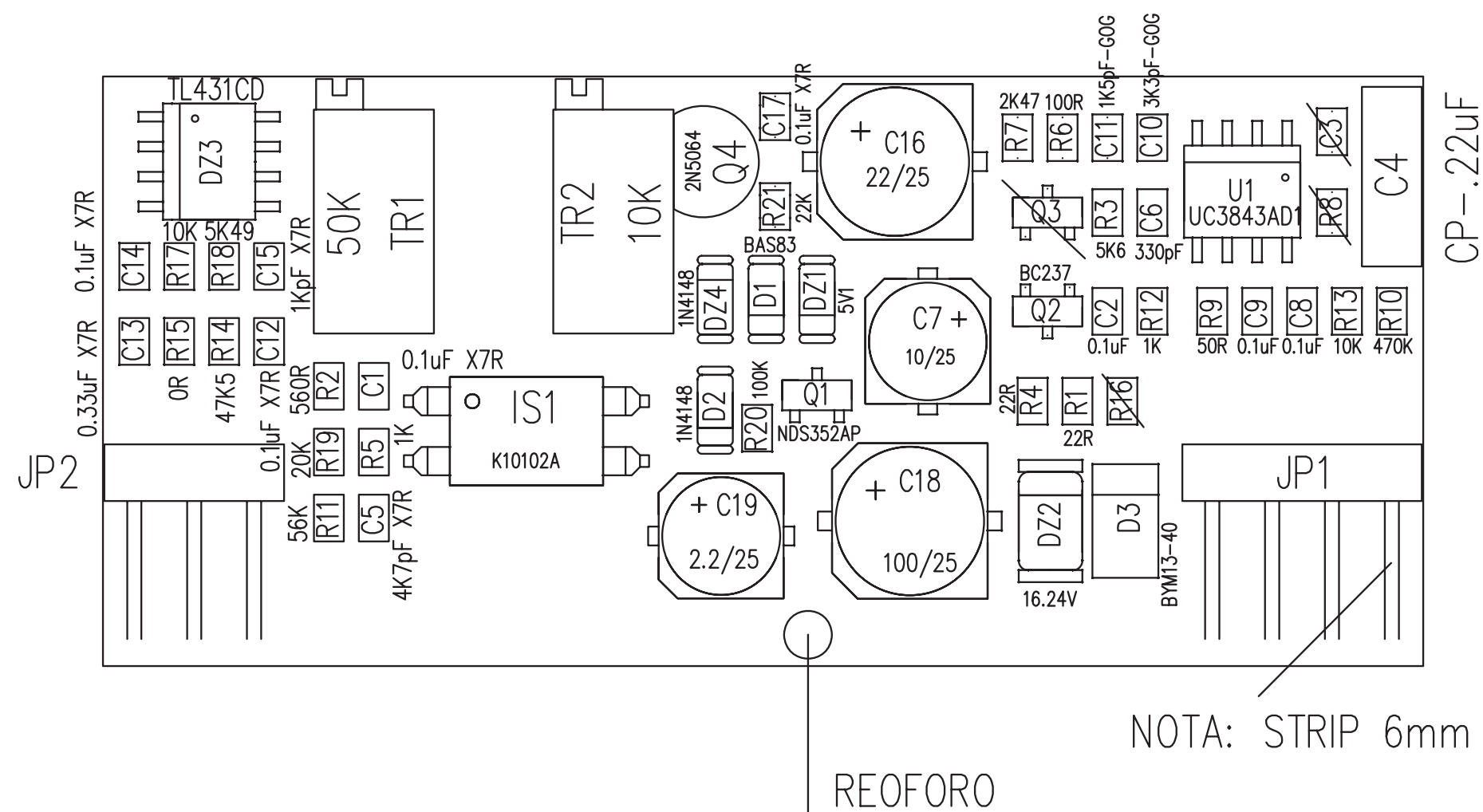
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3	1	C3	CP.1uF/400
4	1	C4	CD4K7pF
5	3	C5C6C10	2200/35
6	1	C8	CD.1uF
7	3	C9C21C22	100/400
8	1	C11	CD100PF-1KV
9	2	C13C23	CD10KpF-1kV
10	1	C15	XCD2K2pF-Y2
11	2	C16C17	CD2K2pF-Y2
12	3	C24C25C26	47/35
13	1	C27	1uF-X2-275VAC
14	1	C28	XCD1KPF-1KV
15	2	DL6DL7	LEDV-3D
16	2	DZ1DZ3	P6KE200
17	1	DZ4	15V-5W
18	3	D1D3D4	UF4006
19	1	D2	P600G
20	1	D5	XU1550
21	1	D6	BYQ28E
22	1	D7	ISL9R460P2
23	1	FS1	3101-0050
24	3	F1F2F3	BL02
25	1	F5	CVO.1A8.10M-E
26	1	F6	22R-2W
27	1	JP1	KP01-1112-11
28	3	JP2JP3JP6	2.5MSF
29	1	J1	FAST-ON
30	1	J2	FLAT-16A
31	1	RT1	NTC10R
32	1	RV1	10N431K
33	1	R1	1M-1W
34	1	R2	10K-A.F.
35	1	R3	4R7-A.F.
36	2	R8R4	100K/2W
37	1	R5	100R
38	1	R7	X10R/2W
39	2	R9R10	0.68R/2W
40	1	R15	2K2
41	1	R16	1K
42	1	T1	TSWTCH6E
43	1	U1	LM7805
44	1	U3	LM7818

FLY100SMD



Project Name: UC3843 Control		Page: 1 of 1	Size: A3
Designer: Griptech / Tommasi	Date: Friday, December 23, 2011	Project Code: RVR	
File Location: \\UTSRV\Rilasciat\	Revision: 11.0	Description: UC3843 Control	
Folder/File: /	Approval:	Part No.: FLY100SMD_CNT	

CIRCUITO DI CONTROLLO PWM FLY-BACK



NOTA: I CIRCUITI DEVO ESSERE DIVISI 1X1 IL
TESTIMONE VA TAGLIATO CON IL TRONCHESINO
DP-20-N PIERGIACOMI E NON ROTTO PER
FLESSIONE !!!

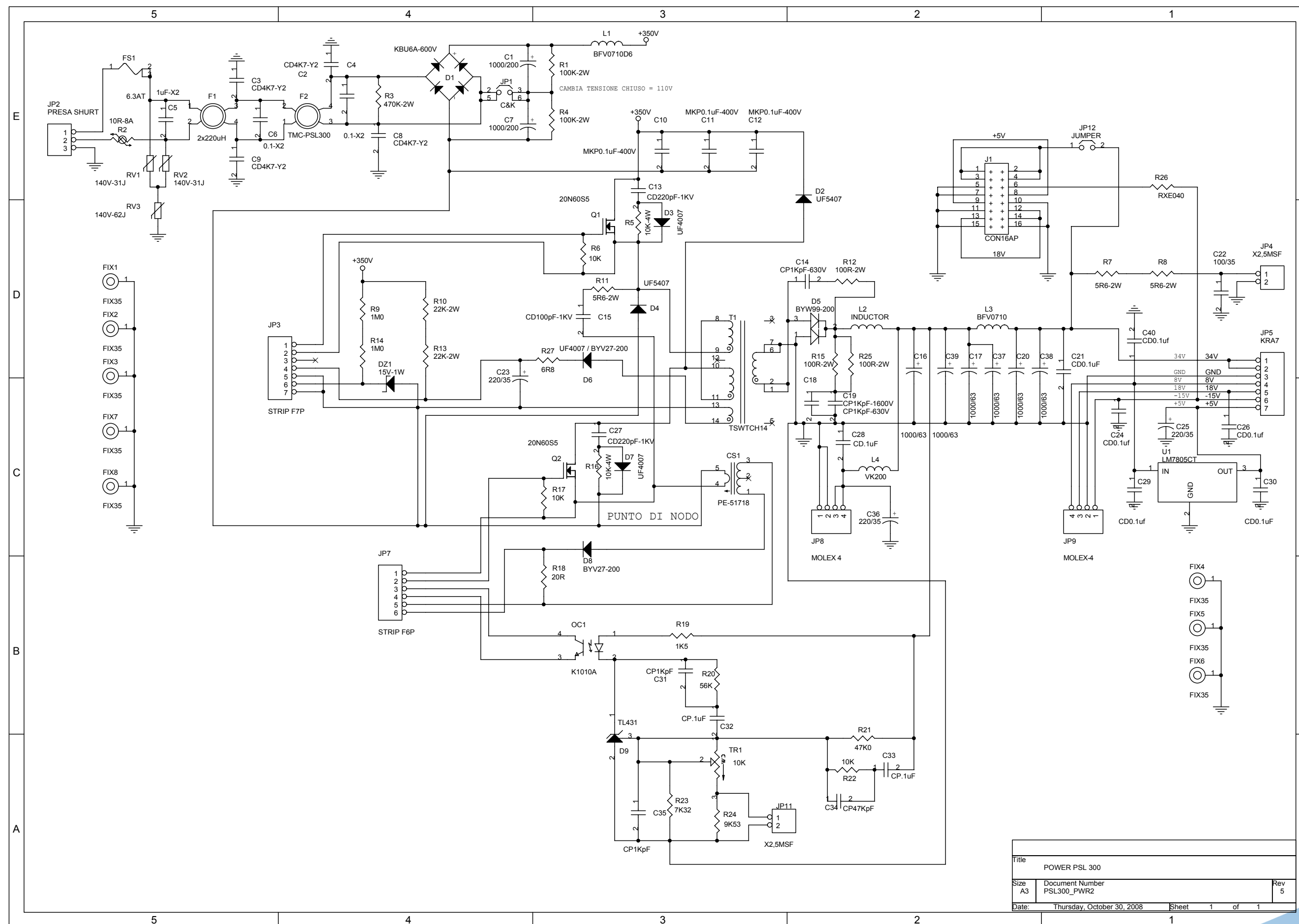
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TITLE CIRCUITO DI CONTROLLO PWM	
DOCUMENT NUMBER FLY_CNT. DWG	REV-3
DATE: 11 ottobre 2006	

FLY100SMD

UC3843 Control Revised: Friday, December 23, 2011
FLY100SMD_CNT Revision: 11.0
Griptech / Tommasi
UC3843 Control
RVR

Item	Quantity	Reference	Part	Description	Code
1	1	CS1	CSFLYCNT02	Circuito stampato	CSFLYCNT02
2	7	C1,C2,C8,C9,C12,C14,C17	100nF	Cond. SMD 0805	CCC085104KXC
3	1	C3	NC	Cond. SMD 0805	
4	1	C4	220nF	Cond. Poliestere p 5mm	CPE224JC630
5	1	C5	4.7nF	Cond. SMD 0805	CCC085472KXC
6	1	C6	330pF	Cond. SMD 0805	CCC085331JCC
7	1	C7	22uF/25V	Cond. Elett. SMD d. 4mm	CES226B250
8	1	C10	3.3nF	Cond. SMD 0805 COG	CCC085332GCC
9	1	C11	1.5nF	Cond. SMD 0805 COG	CCC085152JNC
10	1	C13	330nF	Cond. SMD 0805	CCC085334KXC
11	1	C15	1nF	Cond. SMD 0805	CCC085102JNC
12	1	C16	22uF/35V	Cond. Elett. SMD d. 6mm	CES226C350
13	1	C18	100uF/25V	Cond. Elett. SMD d. 6mm	CES107E250
14	1	C19	2.2uF/50V	Cond. Elett. SMD d. 4mm	CES225A500
15	1	DZ1	5V1	MINIMELF SMD Zener Diode	DIZ5V1MINI
16	1	DZ2	24V-1W	MELF SMD Zener Diode	DIZ24VMELF
17	1	DZ3	TL431CD	SO8 Reference	CILTL431CD
18	2	D2,DZ4	1N4148	MINIMELF SMD Diode	DISBAS32MINI
19	1	D1	BAS83	MINIMELF SMD Diode	DISBAS83
20	1	D3	BYM13-40	MELF Shottky SMD Diode	
21	1	IS1	K10102A	Optocoupler DIP4	LEDK10102
22	1	JP1	STRIP-M90-6mm	Strip maschio 4 pin a 90°	
23	1	JP2	STRIP-M90-6mm	Strip maschio 3 pin a 90°	
24	1	Q1	NDS352AP	Trans. FET ch P SOT23	TRN
25	1	Q2	BC237	Trans. NPN TO92	TRNBC847
26	1	Q3	NC	Trans. FET SOT23	
27	1	Q4	2N5064	TO92 SCR	
28	2	R1,R4	22H0	Res. SMD 0805	RCH085F0022H
29	1	R2	560H0	Res. SMD 0805	RCH085F0560H
30	1	R3	5K60	Res. SMD 0805	RCH085F005K6
31	1	R5	1K0	Res. SMD 0805	RCH085F0001K
32	1	R6	100H0	Res. SMD 0805	RCH085F0100H
33	1	R7	2K49	Res. SMD 0805	RCH085F02K49
34	2	R8,R16	NC	Res. SMD 0805	
35	1	R9	49H9	Res. SMD 0805	RCH085F049H9
36	1	R10	470K0	Res. SMD 0805	RCH085F0470K
37	1	R11	56K0	Res. SMD 0805	RCH085F0056K
38	1	R12	10H0	Res. SMD 0805	RCH085F0010H
39	2	R13,R17	10K0	Res. SMD 0805	RCH085F0010K
40	1	R14	47K5	Res. SMD 0805	RCH085F047K5
41	1	R15	0H0	Res. SMD 0805	RCH085F0000H
42	1	R18	5K49	Res. SMD 0805	RCH085F05K49
43	1	R19	20K0	Res. SMD 0805	RCH085F0020K
44	1	R20	100K0	Res. SMD 0805	RCH085F0100K
45	1	R21	22K0	Res. SMD 0805	RCH085F0022K
46	2	TP1,TP2	TP05	Test point	
47	1	TR1	50K	Trimmer Rg H 3269X SMD	RVT3296XK050
48	1	TR2	10K	Trimmer Rg H 3269X SMD	RVT3296XK010
49	1	U1	UC3843AD1-SO8	SO8 Switching controller	CILUC3843AD1

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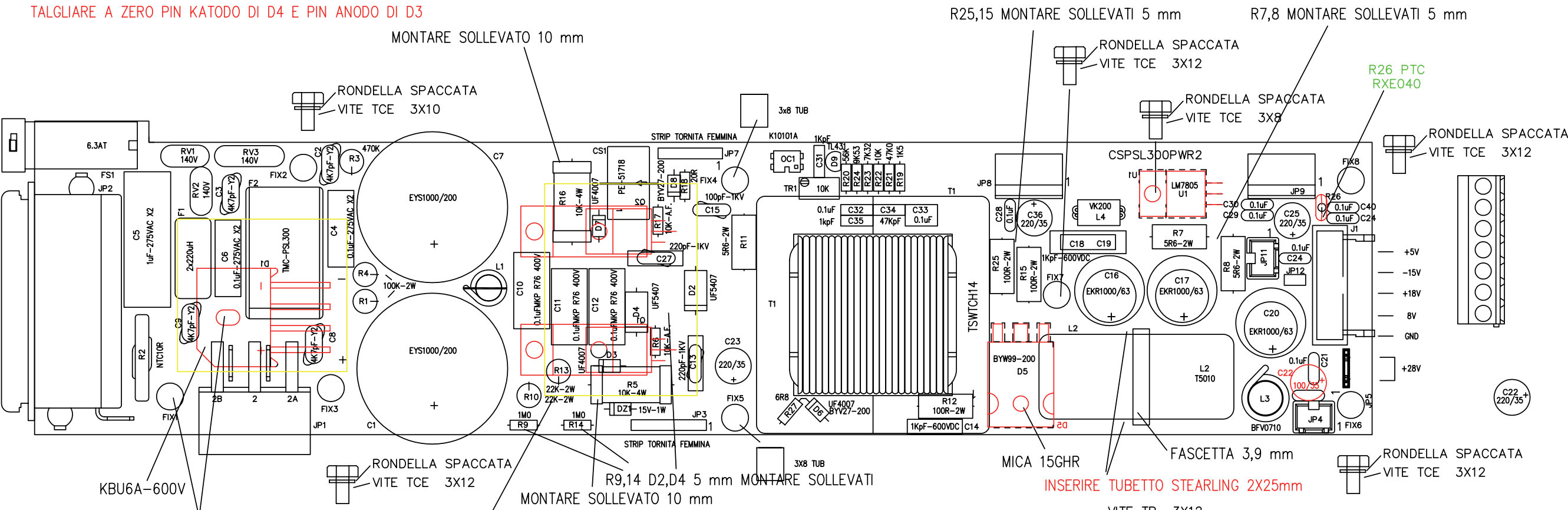


PSL300

NOTE:

TALGLIARE A ZERO PIN KATODO DI D4 E PIN ANODO DI D3

PIANO DI MONTAGGIO PSL300 POWER



NOTE:

FISSAGGIO DIODO BYW99 TCE3X10

SOTTO AL DIODO CON GRASSO 1 MICA SARCON 15GHR

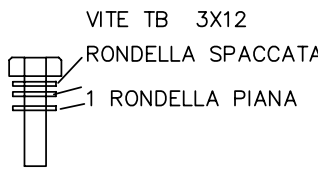
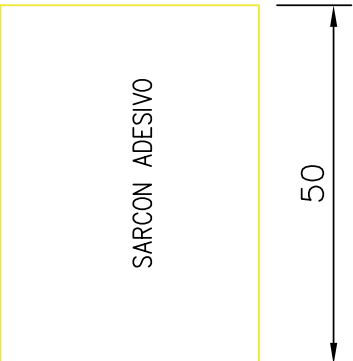
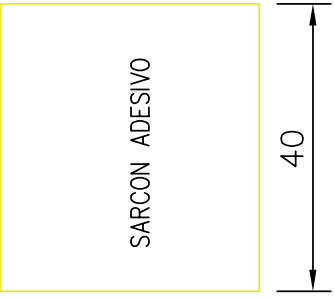
SOTTO AI MOSFET GRASSO CONDUTTIVO

ISOLANTE SOTTO IL PONTE

MICA SARCON ADESIVA SOTTO AI MOSFET

R10-R13 SOLLEVATE 3-4 mm

DISTANZA DI PIEGA



ARCHIVIO:	X:\WORKDWG\
TITLE	PIANO DI MONTAGGIO PSL300 POWER
DOCUMENT NUMBER	PSL300_PWR5_MNT
DATE:	30 ottobre 2008

ATTENZIONE I COMPONENTI IN ROSSO VENGONO MONTATI SOTTO
MANTENERE I BUCHI LIBERI DALLO STAGNO

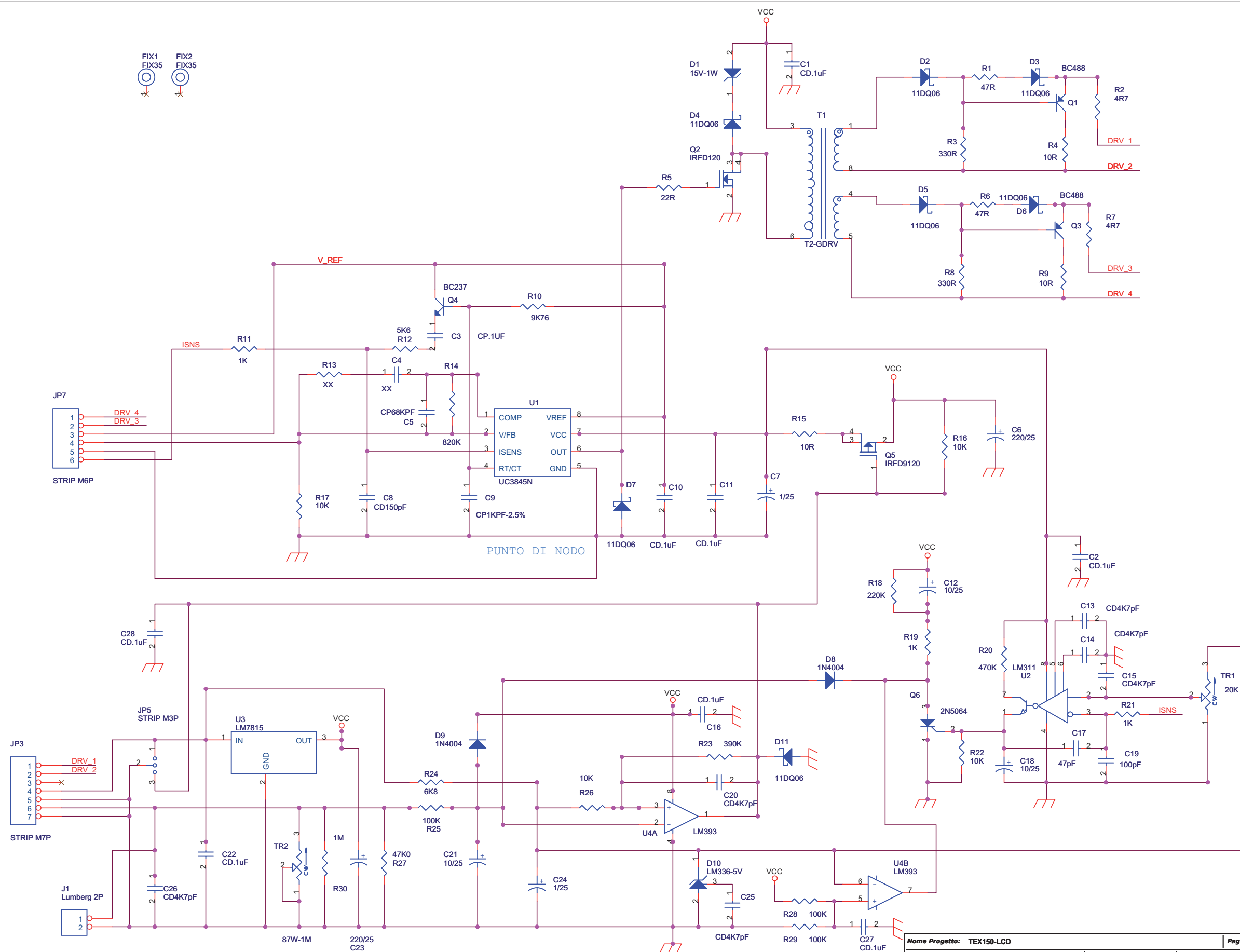
PSL300

POWER PSL 300 Revised: Thursday, October 30, 2008
PSL300_PWR2 Revision: 5

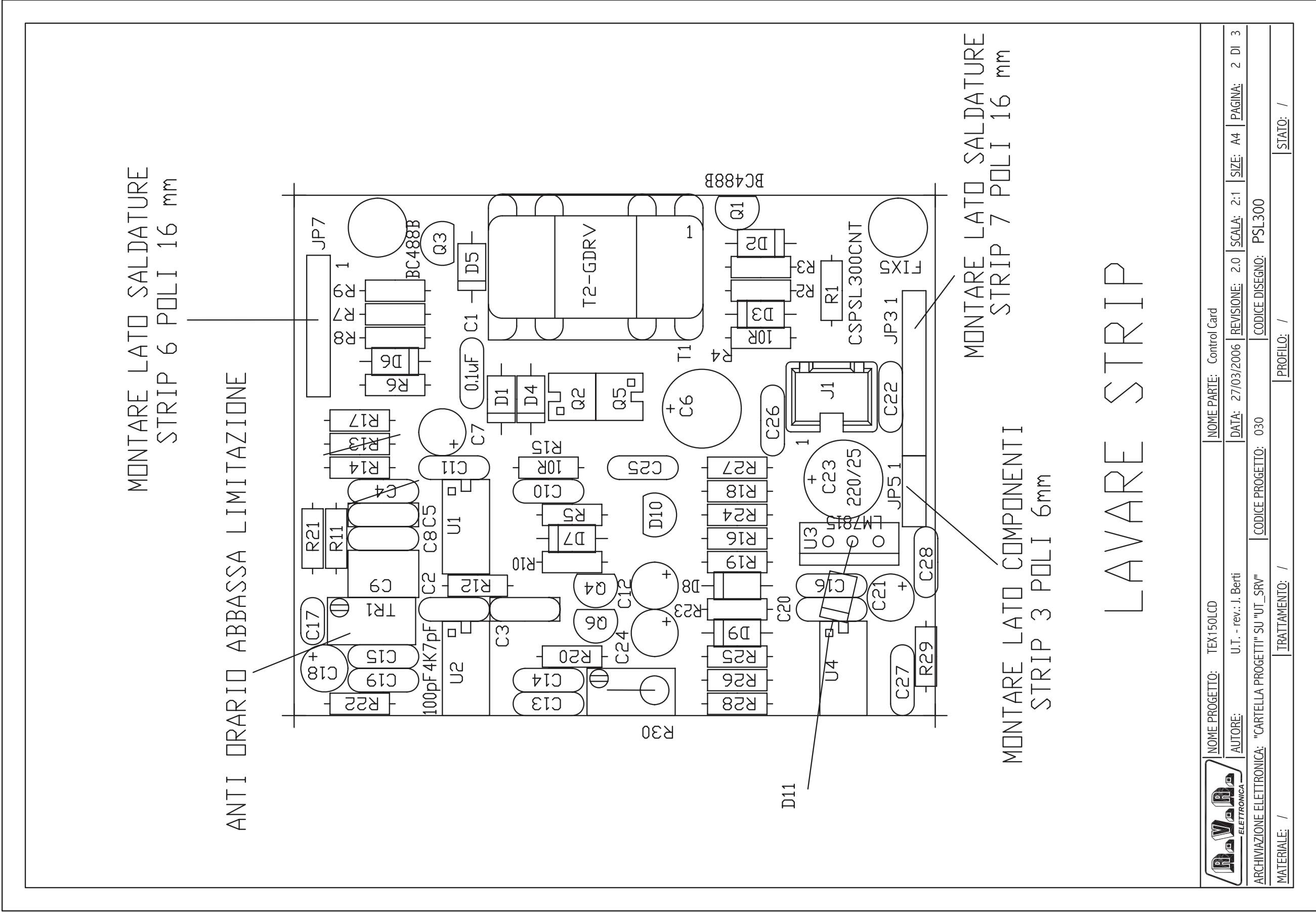
Item	Quantity	Reference	Part
1	1	CS1	PE-51718
2	2	C1, C7	1000/200
3	4	C2, C3, C8, C9	CD4K7-Y2
4	2	C4, C6	0.1-X2
5	1	C5	1uF-X2
6	3	C10, C11, C12	MKP0.1uF-400V
7	2	C13, C27	CD220pF-1KV
8	2	C14, C18	CP1KpF-630V
9	1	C15	CD100pF-1KV
10	6	C16, C17, C20, C37, C38, C39	1000/63
11	1	C19	CP1KpF-1600V
12	6	C21, C24, C26, C29, C30, C40	CD0.1uf
13	1	C22	100/35
14	3	C23, C25, C36	220/35
15	1	C28	CD.1uF
16	2	C31, C35	CP1KpF
17	2	C32, C33	CP.1uF
18	1	C34	CP47KpF
19	1	DZ1	15V-1W
20	1	D1	KBU6A-600V
21	2	D2, D4	UF5407
22	2	D3, D7	UF4007
23	1	D5	BYW99-200
24	1	D6	UF4007 / BYV27-200
25	1	D8	BYV27-200
26	1	D9	TL431
27	8	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8	FIX35
28	1	FS1	6.3AT
29	1	F1	2x220uH
30	1	F2	TMC-PSL300
31	1	JP1	C&K
32	1	JP2	PRESA SHURT
33	1	JP3	STRIP F7P
34	2	JP4, JP11	X2,5MSF
35	1	JP5	KRA7
36	1	JP7	STRIP F6P
37	1	JP8	MOLEX 4
38	1	JP9	MOLEX-4
39	1	JP12	JUMPER
40	1	J1	CON16AP
41	1	L1	BFV0710D6
42	1	L2	INDUCTOR
43	1	L3	BFV0710
44	1	L4	VK200
45	1	OC1	K1010A
46	2	Q1, Q2	20N60S5
47	2	RV1, RV2	140V-31J
48	1	RV3	140V-62J
49	2	R1, R4	100K-2W
50	1	R2	10R-8A
51	1	R3	470K-2W
52	2	R5, R16	10K-4W
53	4	TR1, R6, R17, R22	10K
54	3	R7, R8, R11	5R6-2W
55	2	R9, R14	1M0
56	2	R10, R13	22K-2W

Item	Quantity	Reference	Part
57	3	R12, R15, R25	100R-2W
58	1	R18	20R
59	1	R19	1K5
60	1	R20	56K
61	1	R21	47K0
62	1	R23	7K32
63	1	R24	9K53
64	1	R26	RXE040
65	1	R27	6R8
66	1	T1	TSWTCH14
67	1	U1	LM7805CT

PSL300



Nome Progetto: TEX150-LCD		Pagina: 2 di 3	Size: A3	
Autore: GP - REV.: J.BERTI	Data: 27/03/2006	Codice Progetto: 030		
Nome PC in Rete: \UTSRV\	Revisione: 2.0	Nome Parte: CONTROLLO PSL300		
File/Cartella: PSL300 CNT.DSN	Autorizzazione:	Codice: PSL300		



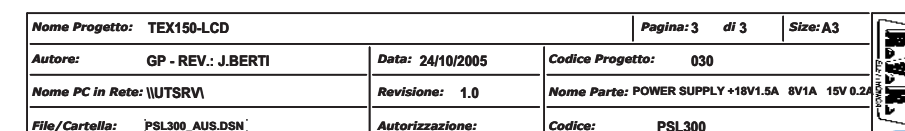
	NOME PROGETTO: TEX150LCD		NOME PARTE: Control Card	
	AUTORE: U.T. - rev.: J. Berti	DATA: 27/03/2006	REVISIONE: 2.0	SCALA: 2:1
	ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"		CODICE PROGETTO: 030	CODICE DISEGNO: PSL300
	MATERIALE: /	TRATTAMENTO: /	PROFILO: /	STATO: /

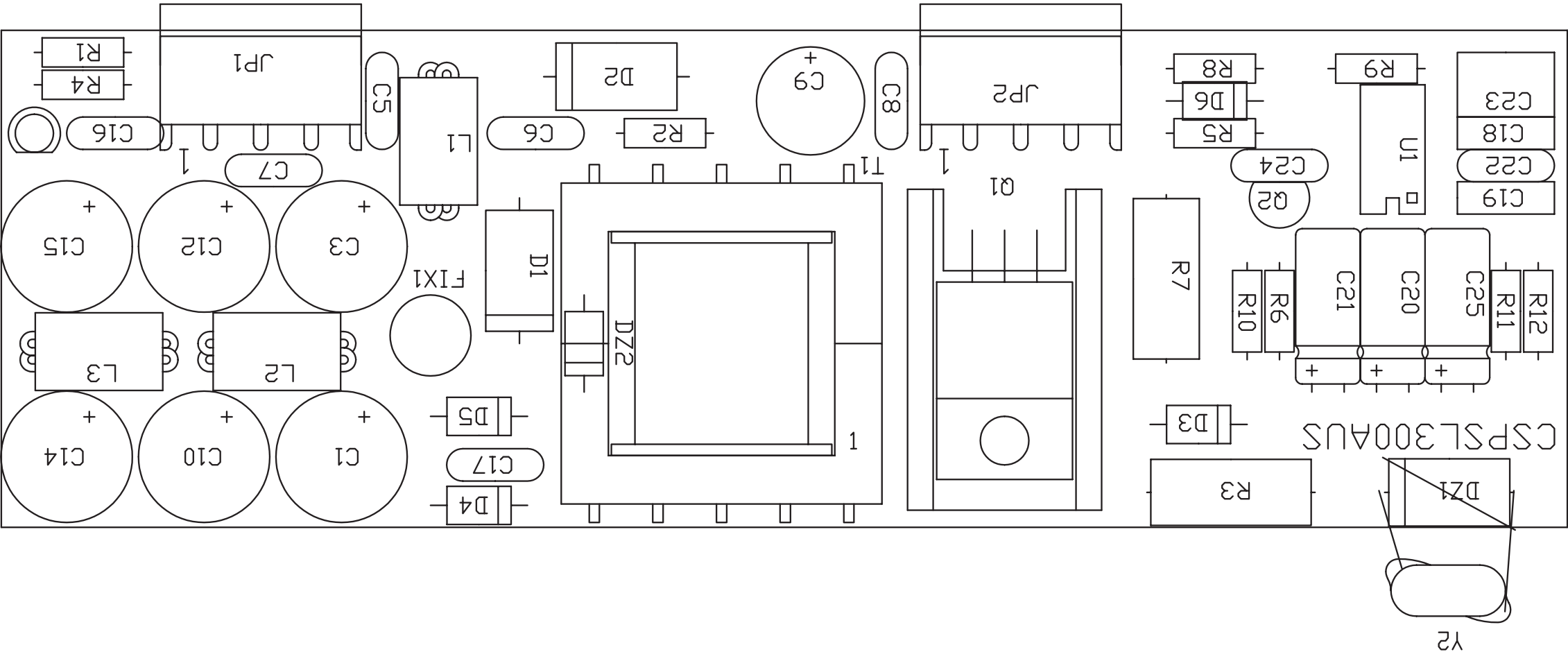
PSL300

PSL300
POWER SUPPLY +18V1.5A 8V1A 15V 0.2A
Revised: 27/03/2006
Revision: 2.0

Item	Quantity	Reference	Part
1	8	C1C2C10C11C16C22C27C28	CD.1uF
2	1	C3	CP.1UF
3	2	C4R13	XX
4	1	C5	CP68KPF
5	2	C6C23	220/25
6	2	C7C24	1/25
7	1	C8	CD150pF
8	1	C9	CP1KPF-2.5%
9	3	C12C18C21	10/25
10	6	C13C14C15C20C25C26	CD4K7pF
11	1	C17	47pF
12	1	C19	100pF
13	1	D1	15V-1W
14	7	D2D3D4D5D6D7D11	11DQ06
15	2	D8D9	1N4004
16	1	D10	LM336-5V
17	2	FIX1FIX2	FIX35
18	1	JP3	STRIP M7P
19	1	JP5	STRIP M3P
20	1	JP7	STRIP M6P
21	1	J1	Lumberg 2P
22	2	Q3Q1	BC488
23	1	Q2	IRFD120
24	1	Q4	BC237
25	1	Q5	IRFD9120
26	1	Q6	2N5064
27	2	R1R6	47R
28	2	R2R7	4R7
29	2	R3R8	330R
30	3	R4R9R15	10R
31	1	R5	22R
32	1	R10	9K76
33	3	R11R19R21	1K
34	1	R12	5K6
35	1	R14	820K
36	4	R16R17R22R26	10K
37	1	R18	220K
38	1	R20	470K
39	1	R23	390K
40	1	R24	6K8
41	3	R25R28R29	100K
42	1	R27	47K0
43	1	R30	1M
44	1	TR1	20K
45	1	TR2	87W-1M
46	1	T1	T2-GDRV
47	1	U1	UC3845N
48	1	U2	LM311
49	1	U3	LM7815
50	1	U4	LM393

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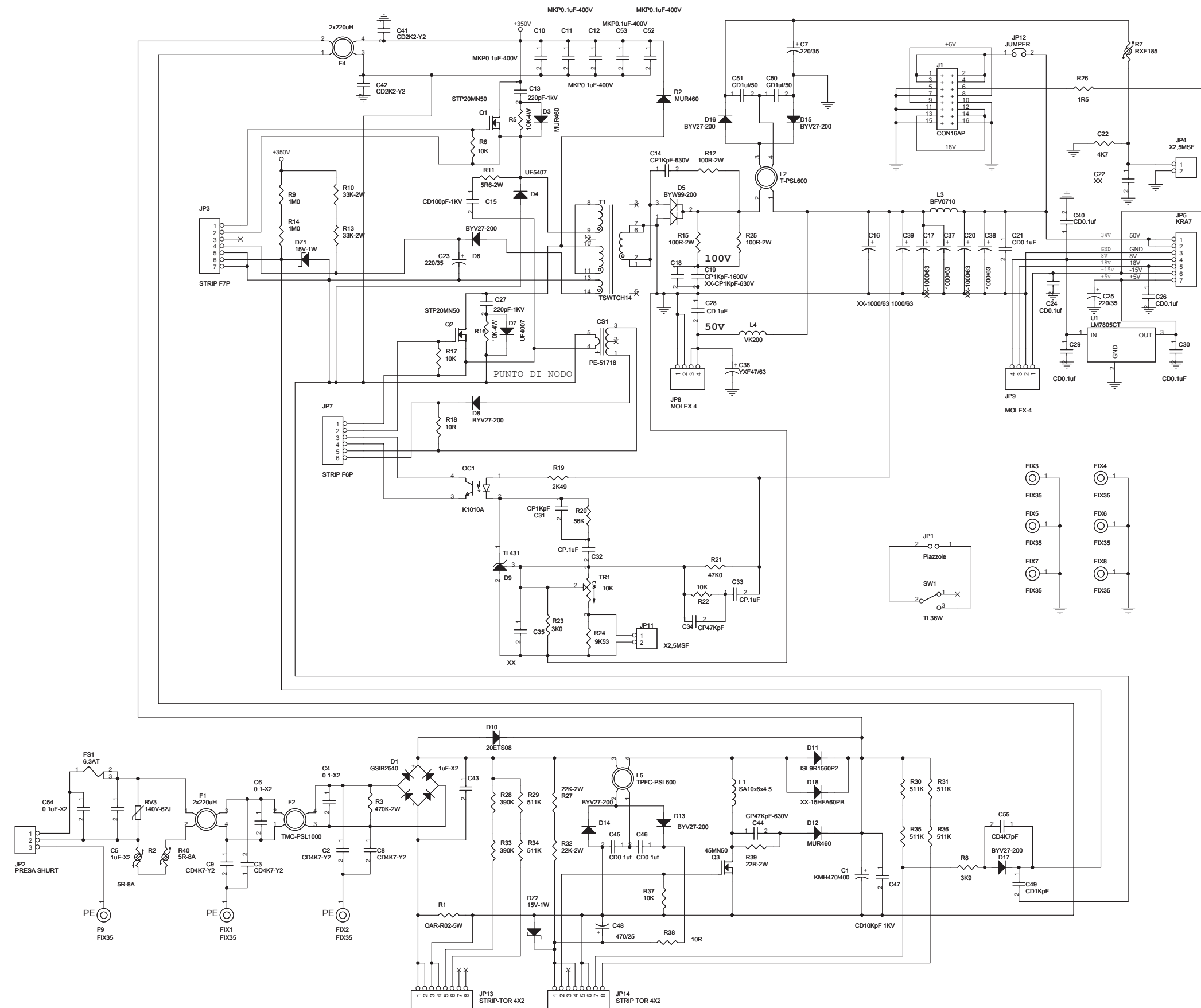
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	AUTORE: U.T. - rev.: J. Berti	DATA: 24/10/2005	REVISIONE: 1.0	SCALA: 2:1	SIZE: A4	PAGINA: 3 DI 3
	ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"					
	CODICE PROGETTO: 030					
MATERIALE: /		TRATTAMENTO: /		PROFILO: /		STATO: /

PSL300

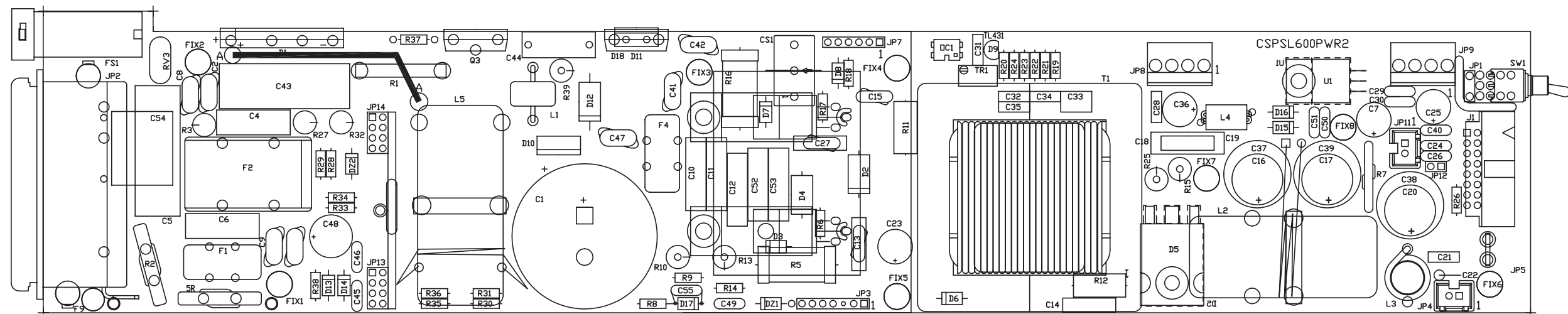
PSL300
 POWER SUPPLY +18V1.5A 8V1A 15V 0.2A
 Revised: 24/10/2005
 Revision: 1.0
 GP - REV.: J.BERTI

Item	Quantity	Reference	Part
1	6	C1, C3, C10, C12, C14, C15	470/25
2	5	C5, C7, C8, C16, C24	CD.1uF
3	1	C6	CD560PF
4	1	C9	220/35
5	2	R3, C17	X
6	2	C18, C19	CP10KPF
7	1	C20	25-gen
8	2	C21, C25	100/35
9	1	C22	CD150PF
10	1	C23	CP10KP-2.5%
11	1	DL1	LED-V
12	1	DZ1	P6KE120A
13	1	DZ2	5V1W
14	2	D1, D2	BYV28-200
15	2	D3, D4	BYV27-200
16	1	D5	1N4004
17	1	D6	11DQ06
18	1	FIX1	FIX35
19	2	JP1, JP2	MOLEX4
20	3	L1, L2, L3	VK200
21	1	Q1	IRF640N
22	1	Q2	BC237
23	3	R1, R6, R10	1K
24	1	R2	100R
25	1	R4	R
26	1	R5	22R
27	1	R7	R12-2W
28	1	R8	7K5
29	1	R9	2k2
30	1	R11	220K
31	1	R12	1K2
32	1	T1	TSWTCH15
33	1	U1	UC3843AN

PSL600



Nome Progetto: TEX300-LCD		Pagina: 1 di 1 Sire: A3
Autore: GP - REV.: J.BERTI	Data: 04/05/2005	Codice Progetto: 045
Nome PC in Rete: WUTSRVA	Revisione: 1.0	Nome Parte: POWER PSL 350
File/Cartella: PSL 660 PWR R2.DSN	Autore/aggiornatore:	Codice: PSL 300



	NOME PROGETTO: TEX300-LCD	NOME PARTE: Main Card			
	AUTORE: U.T. - rev.: J. Berti	DATA: 05/04/2006	REVISIONE: 1.0	SCALA: 1:1	SIZE: A3
ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"		CODICE PROGETTO: 045	CODICE DISEGNO: PSL600		
MATERIALE: /	TRATTAMENTO: /	PROFILO: /	STATO: /		



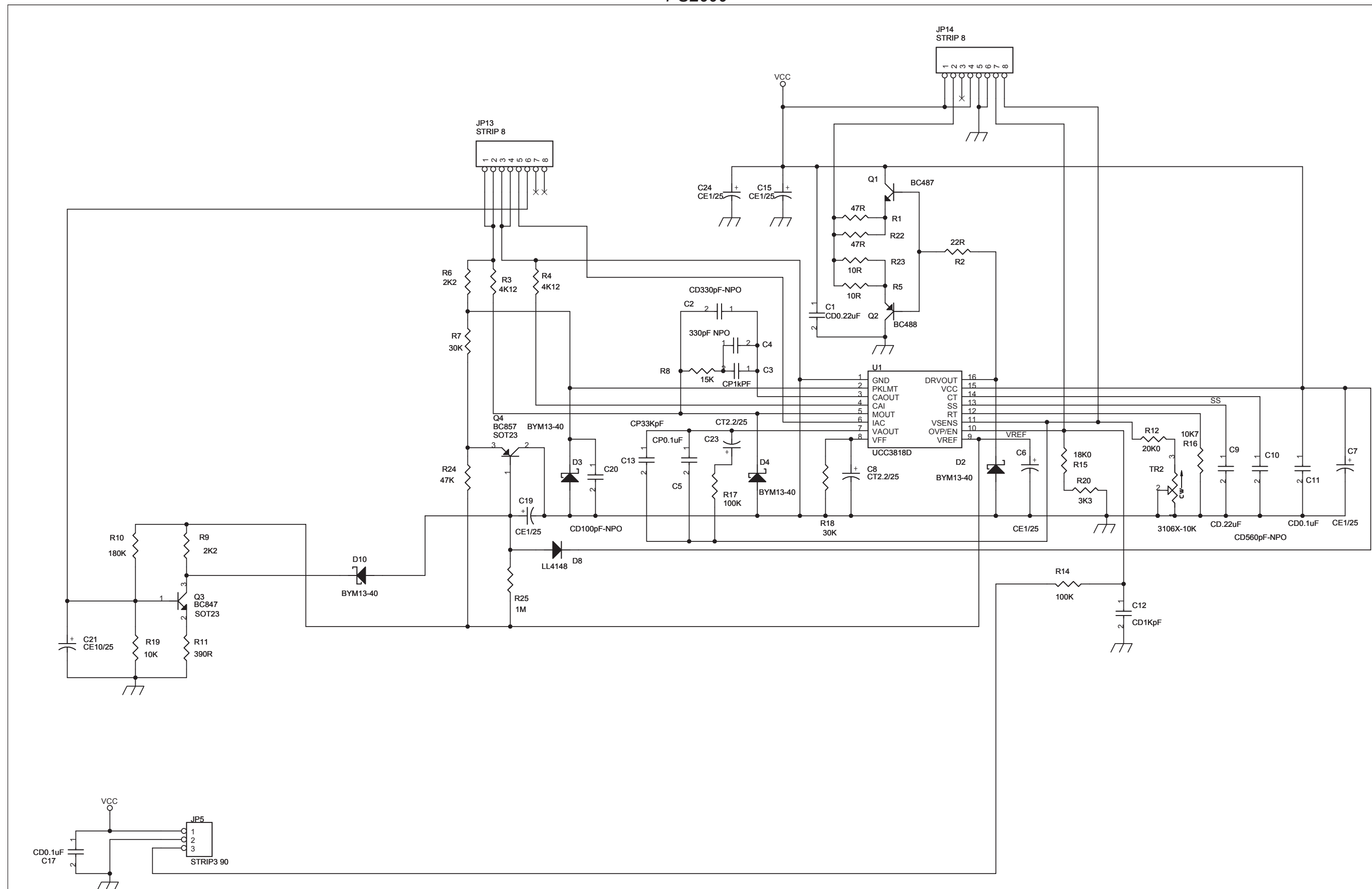
PSL600

Revised: Thursday, October 12, 2006
Revision:

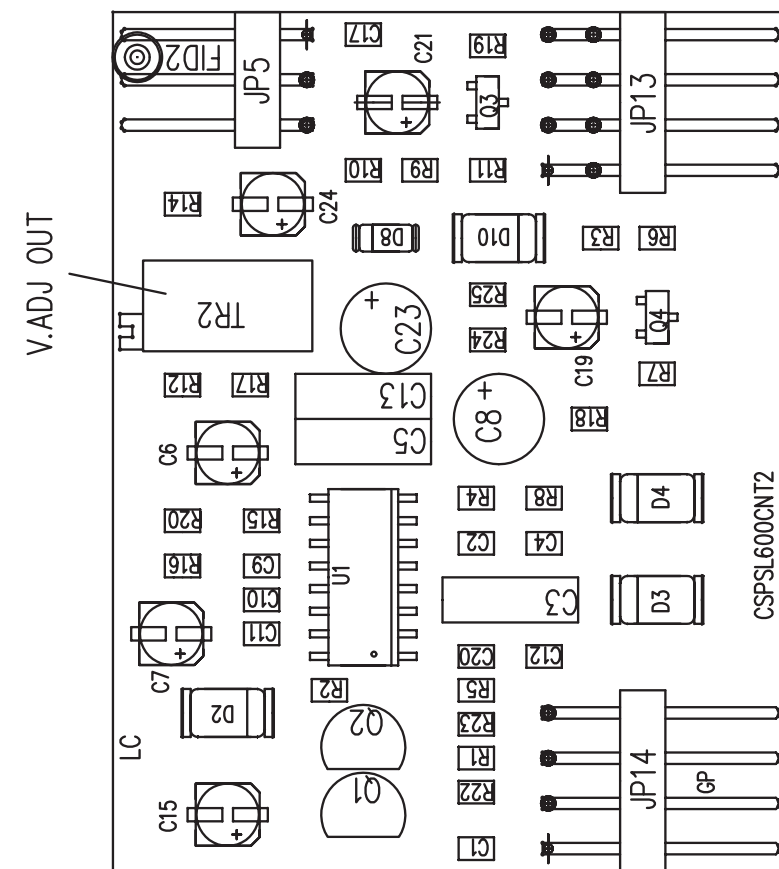
Item	Quantity	Reference	Part
1	1	CS1	PE-51718
2	1	C1	KMH470/400
3	4	C2, C3, C8, C9	CD4K7-Y2
4	2	C4, C6	0.1-X2
5	2	C5, C43	1uF-X2
6	3	C7, C23, C25	220/35
7	5	C10, C11, C12, C52, C53	MKP0.1uF-400V
8	2	C13, C27	220pF-1KV
9	1	C14	CP1KpF-630V
10	1	C15	CD100pF-1KV
11	3	C16, C17, C20	XX-1000/63
12	1	C18	XX-CP1KpF-630V
13	1	C19	CP1KpF-1600V
14	8	C21, C24, C26, C29, C30, C40, C45, C46	CD0.1uf
15	1	C22	4K7
16	2	C22, C35	XX
17	1	C28	CD.1uF
18	1	C31	CP1KpF
19	2	C32, C33	CP.1uF
20	1	C34	CP47KpF
21	1	C36	YXF47/63
22	3	C37, C38, C39	1000/63
23	2	C41, C42	CD2K2-Y2
24	1	C44	CP47KpF-630V
25	1	C47	CD10KpF 1KV
26	1	C48	470/25
27	1	C49	CD1KpF
28	2	C50, C51	CD1uf/50
29	1	C54	0.1uF-X2
30	1	C55	CD4K7pF
31	2	DZ1, DZ2	15V-1W
32	1	D1	GSIB2540
33	3	D2, D3, D12	MUR460
34	1	D4	UF5407
35	1	D5	BYW99-200
36	7	D6, D8, D13, D14, D15, D16, D17	BYV27-200
37	1	D7	UF4007
38	1	D9	TL431
39	1	D10	20ETS08
40	1	D11	ISL9R1560P2
41	1	D18	XX-15HFA60PB
42	9	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, F9	FIX35
43	1	FS1	6.3AT
44	2	F1, F4	2x220uH
45	1	F2	TMC-PSL1000
46	1	JP1	Piazzole
47	1	JP2	PRESA SHURT
48	1	JP3	STRIP F7P
49	2	JP4, JP11	X2,5MSF
50	1	JP5	KRA7
51	1	JP7	STRIP F6P
52	1	JP8	MOLEX 4
53	1	JP9	MOLEX-4
54	1	JP12	JUMPER
55	1	JP13	STRIP-TOR 4X2
56	1	JP14	STRIP TOR 4X2
57	1	J1	CON16AP
58	1	L1	SA10x6x4.5
59	1	L2	T-PSL600
60	1	L3	BFV0710
61	1	L4	VK200

Item	Quantity	Reference	Part
62	1	L5	TPFC-PSL600
63	1	OC1	K1010A
64	2	Q1, Q2	STP20MN50
65	1	Q3	45MN50
66	1	RV3	140V-62J
67	1	R1	OAR-R02-5W
68	2	R2, R40	5R-8A
69	1	R3	470K-2W
70	2	R5, R16	10K-4W
71	5	TR1, R6, R17, R22, R37	10K
72	1	R7	RXE185
73	1	R8	3K9
74	2	R9, R14	1M0
75	2	R10, R13	33K-2W
76	1	R11	5R6-2W
77	3	R12, R15, R25	100R-2W
78	2	R18, R38	10R
79	1	R19	2K49
80	1	R20	56K
81	1	R21	47K0
82	1	R23	3K0
83	1	R24	9K53
84	1	R26	1R5
85	2	R27, R32	22K-2W
86	2	R28, R33	390K
87	6	R29, R30, R31, R34, R35, R36	511K
88	1	R39	22R-2W
89	1	SW1	TL36W
90	1	T1	TSWTCH14
91	1	U1	LM7805CT

PSL600



Nome Progetto: TEX300-LCD		Pagina: 1	di 1	Size: A3
Autore: GP - REV.: J.BERTI	Data: 24/06/2006	Codice Progetto: 045		
Nome PC in Rete: \WTSRV\	Revisione: 1.0	Nome Parte: PFC CONTROL PSL 600		
File/Cartella: PSL600_CNT_R1.DSN	Autorizzazione:	Codice: PSL300		



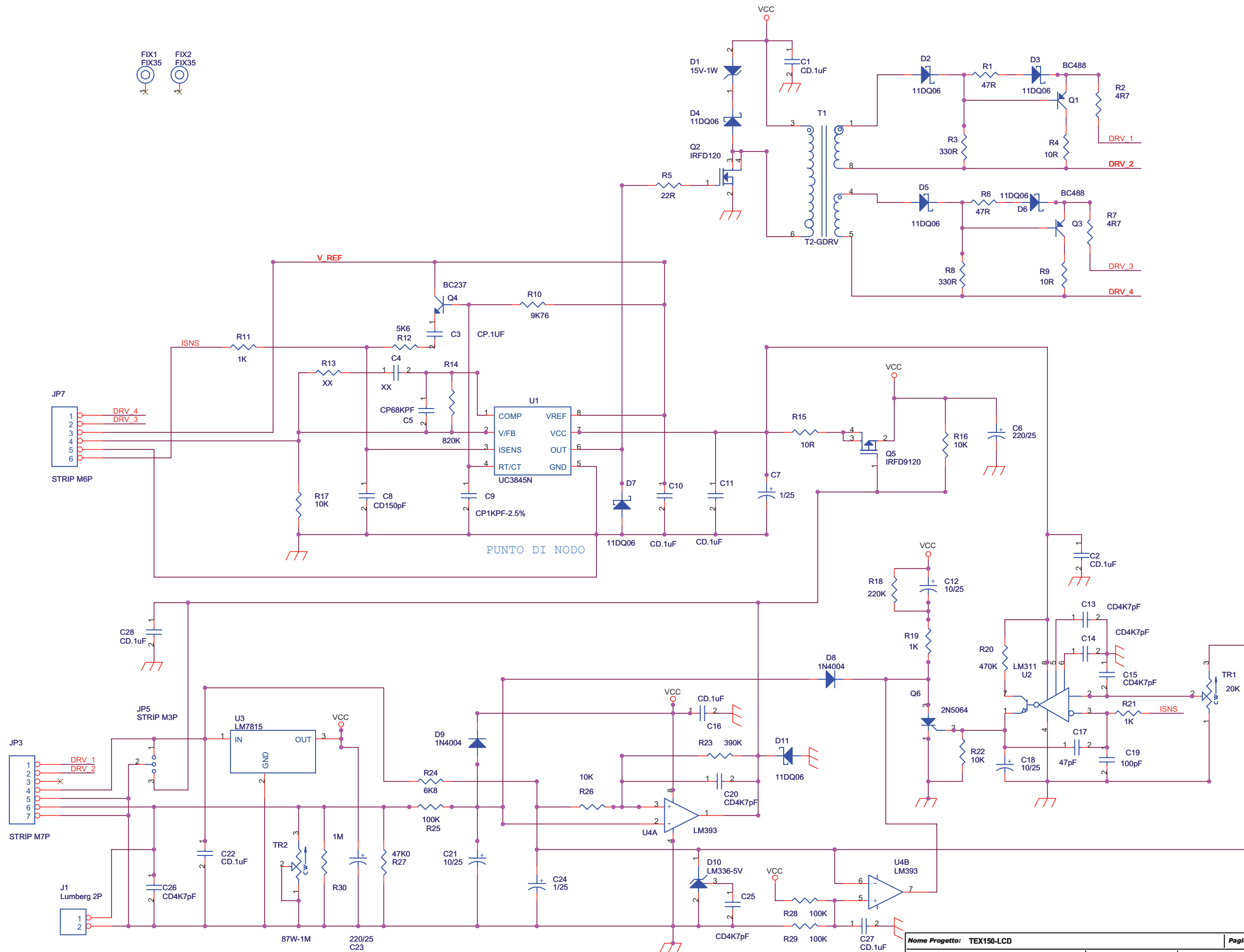
	NOME PROGETTO: TEX300LCD		NOME PARTE: Control Card				
	AUTORE:	U.T. - rev.: J. Berti	DATA: 23/03/2006	REVISIONE: 1.0	SCALA: 2:1	SIZE: A4	PAGINA: 1 DI 1
ARCHIVIAZIONE ELETTRONICA:		"CARTELLA PROGETTI" SU "UT_SRV"	CODICE PROGETTO: 045	CODICE DISEGNO: PSL600			
MATERIALE: /		TRATTAMENTO: /	PROFILO: /		STATO: /		

PSL600

Revised: Thursday, October 12, 2006
Revision:

Item	Quantity	Reference	Part
1	1	C1	CD0.22uF
2	1	C2	CD330pF-NPO
3	1	C3	CP1kPF
4	1	C4	330pF NPO
5	1	C5	CP0.1uF
6	5	C6, C7, C15, C19, C24	CE1/25
7	2	C8, C23	CT2.2/25
8	1	C9	CD.22uF
9	1	C10	CD560pF-NPO
10	2	C11, C17	CD0.1uF
11	1	C12	CD1KpF
12	1	C13	CP33KpF
13	1	C20	CD100pF-NPO
14	1	C21	CE10/25
15	4	D2, D3, D4, D10	BYM13-40
16	1	D8	LL4148
17	1	JP5	STRIP3 90
18	2	JP13, JP14	STRIP 8
19	1	Q1	BC487
20	1	Q2	BC488
21	1	Q3	BC847
22	1	Q4	BC857
23	2	R1, R22	47R
24	1	R2	22R
25	2	R3, R4	4K12
26	2	R5, R23	10R
27	2	R6, R9	2K2
28	2	R7, R18	30K
29	1	R8	15K
30	1	R10	180K
31	1	R11	390R
32	1	R12	20K0
33	2	R14, R17	100K
34	1	R15	18K0
35	1	R16	10K7
36	1	R19	10K
37	1	R20	3K3
38	1	R24	47K
39	1	R25	1M
40	1	TR2	3106X-10K
41	1	U1	UCC3818D

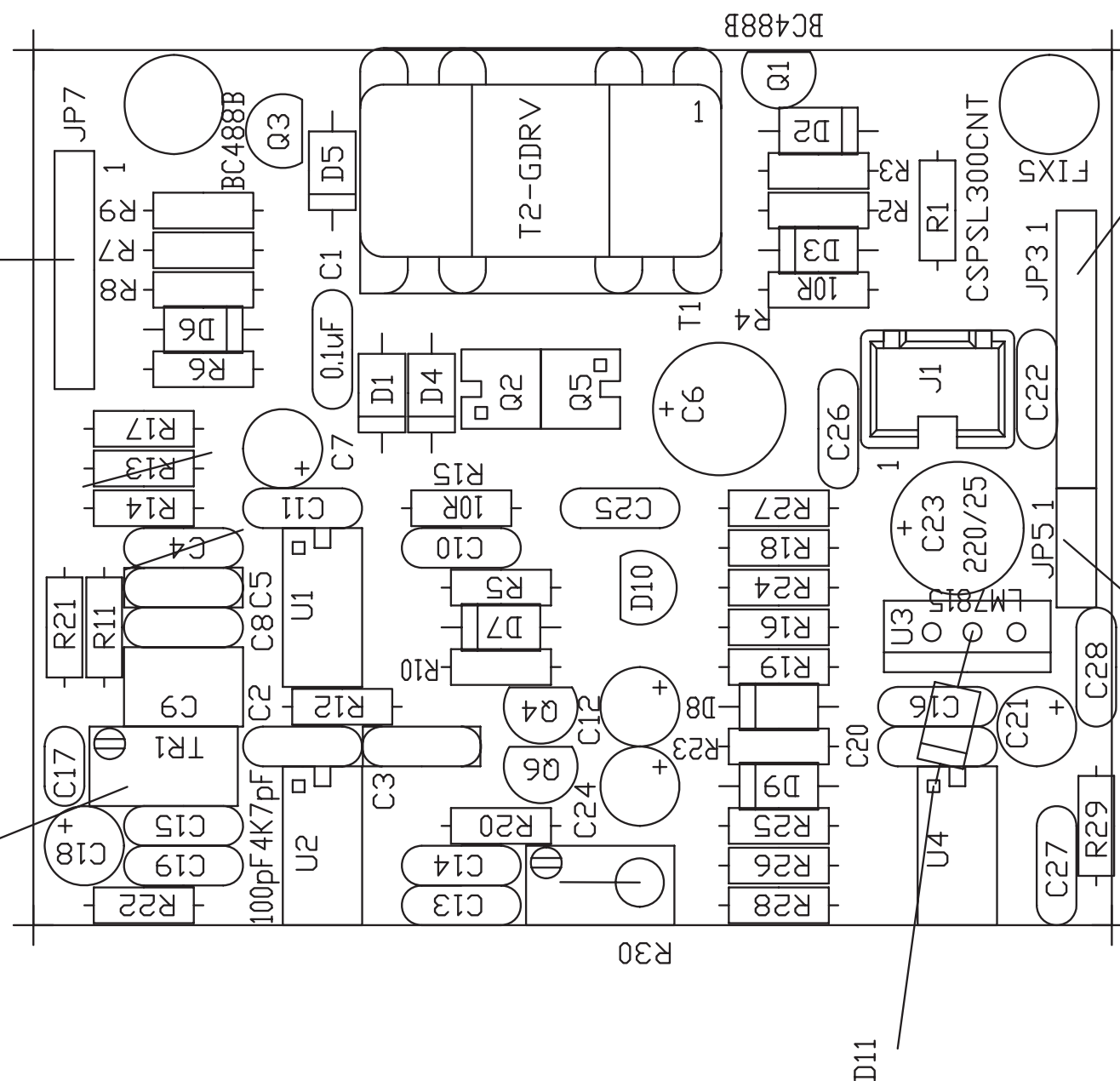
PSL600



Nome Progetto: TEX150-LCD		Pagina: 2	di 3	Size: A3
Autore:	GP - REV.: J.BERTI	Data: 27/03/2006	Codice Progetto: 030	
Nome PC in Rete: \\\UTSRV\		Revisione: 2.0	Nome Parte: CONTROLLO PSL300	
File/Cartella: PSL300_CNT.DSN		Autorizzazione:	Codice: PSL300	

MONTARE LATO SALDATURA
STRIP 6 POLI 16 mm

ANTI ORARIO ABBASSA LIMITAZIONE



MONTARE LATO SALDATURA
STRIP 7 POLI 16 mm

MONTARE LATO COMPONENTI
STRIP 3 POLI 6mm

STRENGTHS

	<u>NOME PROGETTO:</u> TEX150LCD	<u>NOME PARTE:</u> Control Card				
	<u>AUTORE:</u> U.T. - rev.: J. Berti	<u>DATA:</u> 27/03/2006	<u>REVISIONE:</u> 2.0	<u>SCALA:</u> 2:1	<u>SIZE:</u> A4	<u>PAGINA:</u> 2 DI 3
	<u>ARCHIVIAZIONE ELETTRONICA:</u> "CARTELLA PROGETTI" SU "UT_SRV"		<u>CODICE PROGETTO:</u> 030	<u>CODICE DISEGNO:</u> PSL300		
<u>MATERIALI F:</u> /		<u>TRATTAMENTO:</u> /		<u>PROFILO:</u> /		<u>STATO:</u> /

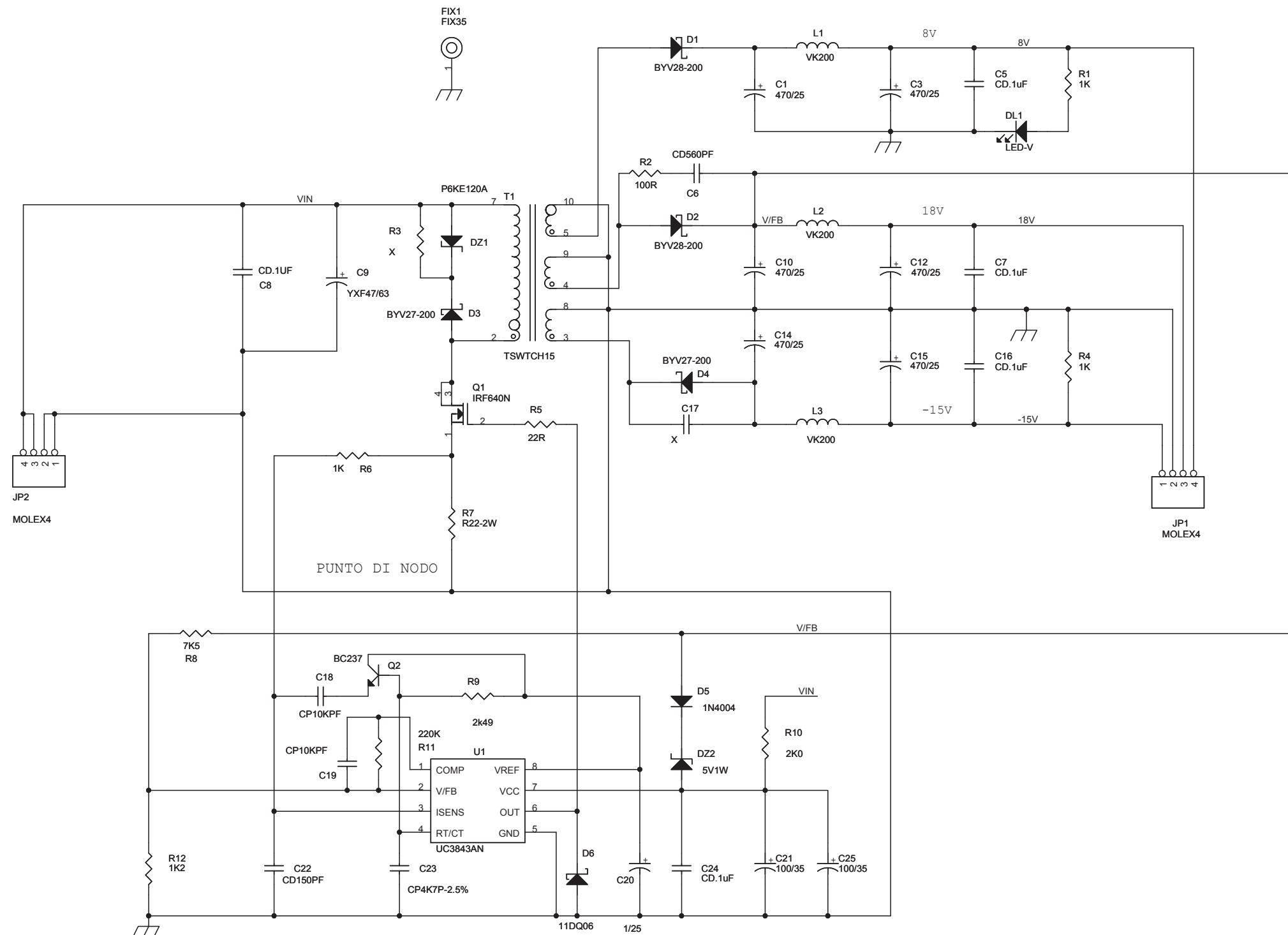


PSL600

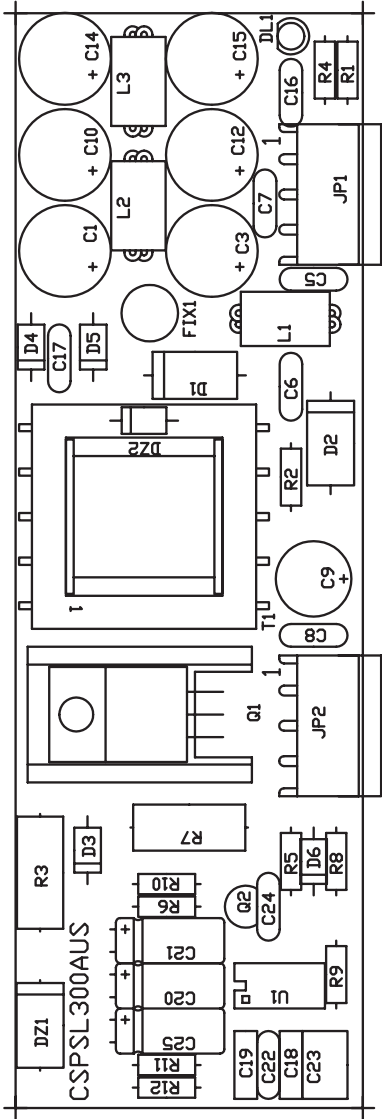
PSL300
POWER SUPPLY +18V1.5A 8V1A 15V 0.2A
Revised: 27/03/2006
Revision: 2.0

Item	Quantity	Reference	Part
1	8	C1C2C10C11C16C22C27C28	CD.1uF
2	1	C3	CP.1UF
3	2	C4R13	XX
4	1	C5	CP68KPF
5	2	C6C23	220/25
6	2	C7C24	1/25
7	1	C8	CD150pF
8	1	C9	CP1KPF-2.5%
9	3	C12C18C21	10/25
10	6	C13C14C15C20C25C26	CD4K7pF
11	1	C17	47pF
12	1	C19	100pF
13	1	D1	15V-1W
14	7	D2D3D4D5D6D7D11	11DQ06
15	2	D8D9	1N4004
16	1	D10	LM336-5V
17	2	FIX1FIX2	FIX35
18	1	JP3	STRIP M7P
19	1	JP5	STRIP M3P
20	1	JP7	STRIP M6P
21	1	J1	Lumberg 2P
22	2	Q3Q1	BC488
23	1	Q2	IRFD120
24	1	Q4	BC237
25	1	Q5	IRFD9120
26	1	Q6	2N5064
27	2	R1R6	47R
28	2	R2R7	4R7
29	2	R3R8	330R
30	3	R4R9R15	10R
31	1	R5	22R
32	1	R10	9K76
33	3	R11R19R21	1K
34	1	R12	5K6
35	1	R14	820K
36	4	R16R17R22R26	10K
37	1	R18	220K
38	1	R20	470K
39	1	R23	390K
40	1	R24	6K8
41	3	R25R28R29	100K
42	1	R27	47K0
43	1	R30	1M
44	1	TR1	20K
45	1	TR2	87W-1M
46	1	T1	T2-GDRV
47	1	U1	UC3845N
48	1	U2	LM311
49	1	U3	LM7815
50	1	U4	LM393

PSL600



Nome Progetto: TEX300-LCD		Pagina: 1 di 1	Size: A3
Autore: GP - REV.: J.BERTI	Data: 24/03/2006	Codice Progetto: 045	
Nome PC in Rete: \UTSRV\	Revisione: 1,0	Nome Parte: POWER SUPPLY +18V1A 8V0.5A 15V 0.2	
File/Cartella: PSL600_AUS.DSN	Autorizzazione:	Codice: PSL600	



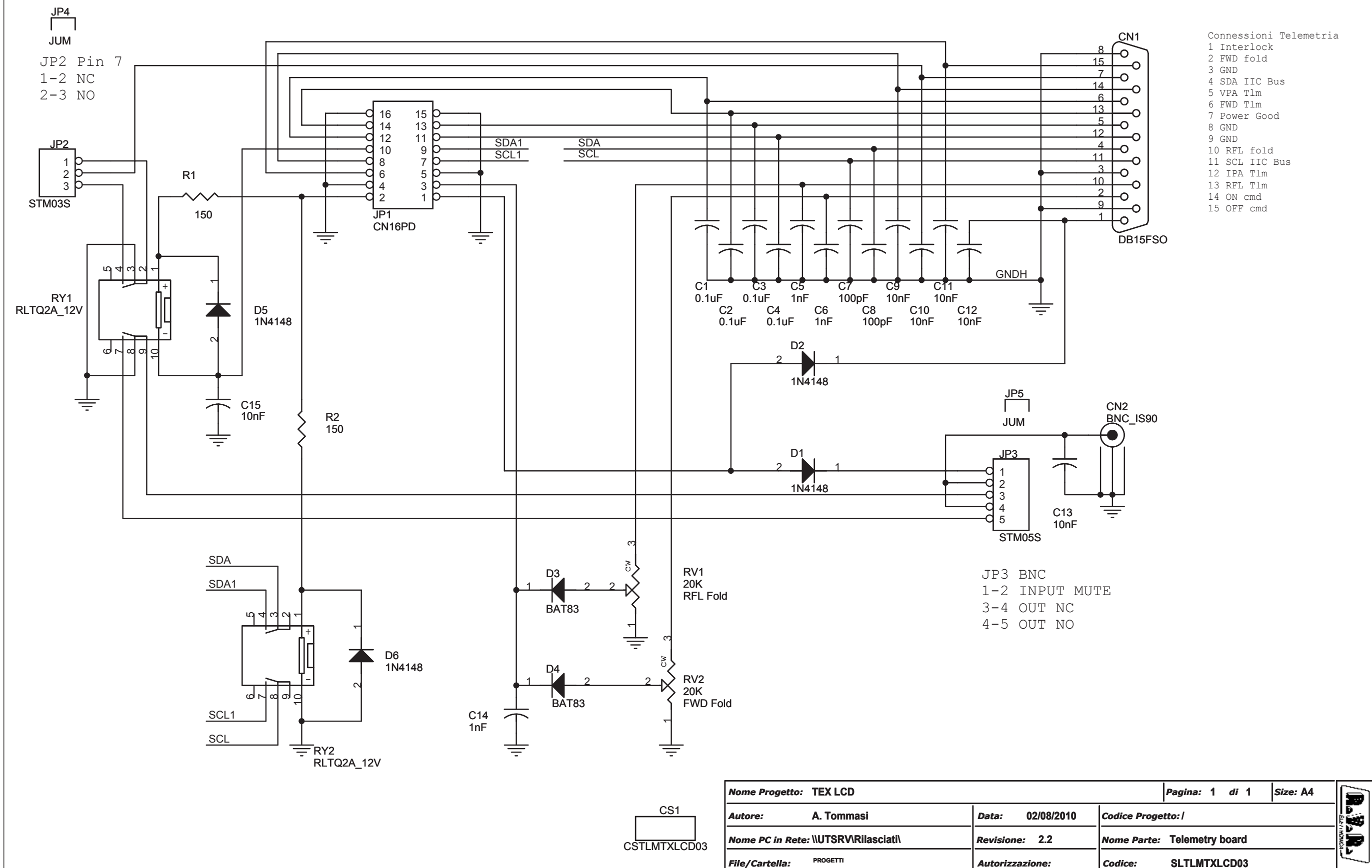
	NOME PROGETTO: TEX300LCD	NOME PARTE: Auxiliary Power Supply Card
AUTORE: U.T. - rev.: I. Berti	DATA: 21/03/2006	REVISIONE: 1.0
ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"	CODICE PROGETTO: 045	SCALA: 2:1
MATERIALE: /	TRATTAMENTO: /	PROFILO: /
		STATO: /

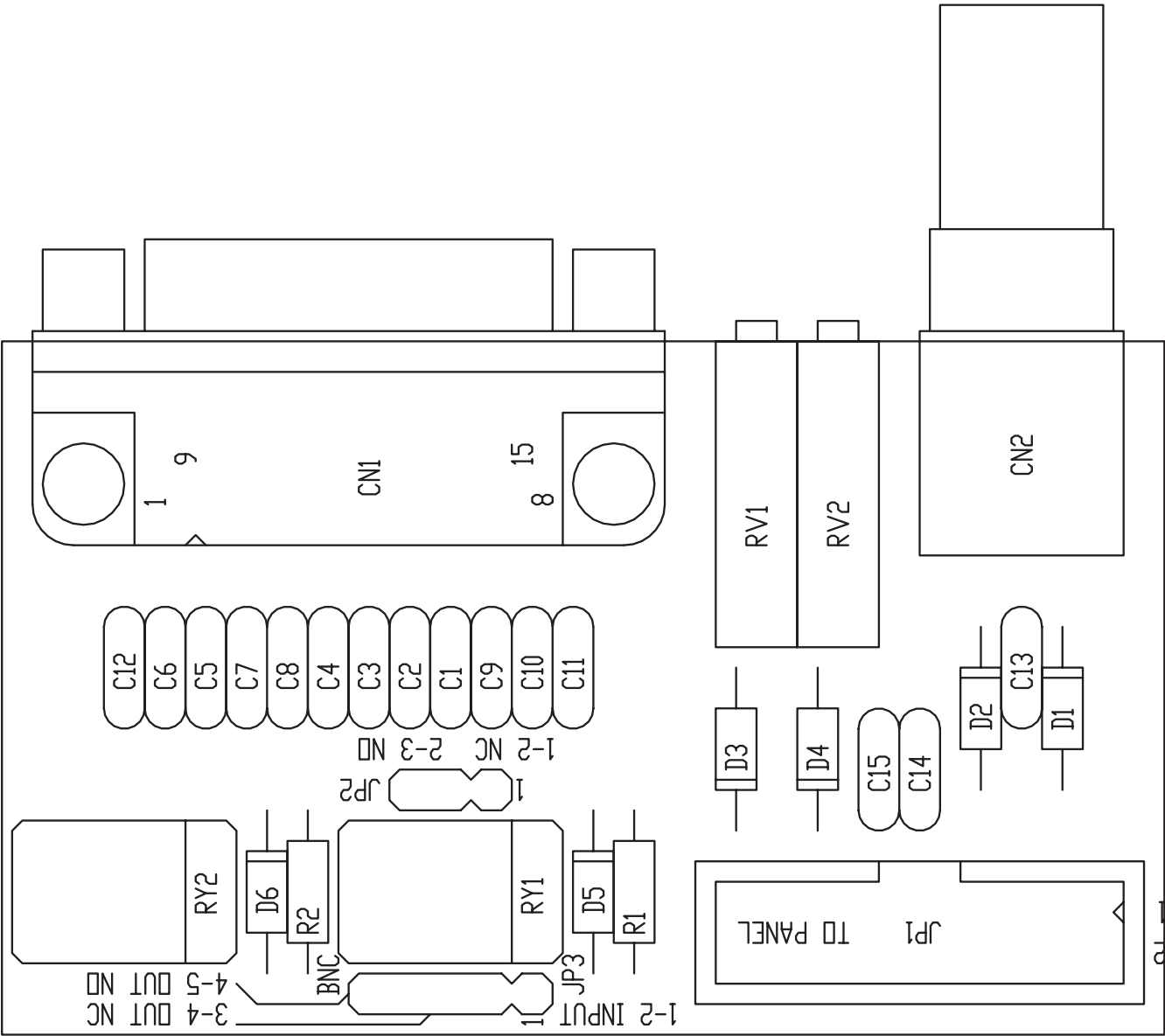
1	DI	1
PAGINA:	A4	
PSL600		

PSL600

Revised: Friday, October 13, 2006
Revision:

Item	Quantity	Reference	Part
1	6	C1, C3, C10, C12, C14, C15	470/25
2	5	C5, C7, C8, C16, C24	CD.1uF
3	1	C6	CD560PF
4	1	C9	YXF47/63
5	2	R3, C17	X
6	2	C18, C19	CP10KPF
7	1	C20	25-gen
8	2	C21, C25	100/35
9	1	C22	CD150PF
10	1	C23	CP4K7P-2.5%
11	1	DL1	LED-V
12	1	DZ1	P6KE120A
13	1	DZ2	5V1W
14	2	D1, D2	BYV28-200
15	2	D3, D4	BYV27-200
16	1	D5	1N4004
17	1	D6	11DQ06
18	1	FIX1	FIX35
19	2	JP1, JP2	MOLEX4
20	3	L1, L2, L3	VK200
21	1	Q1	IRF640N
22	1	Q2	BC237
23	3	R1, R4, R6	1K
24	1	R2	100R
25	1	R5	22R
26	1	R7	R22-2W
27	1	R8	7K5
28	1	R9	2k49
29	1	R10	2K0
30	1	R11	220K
31	1	R12	1K2
32	1	T1	TSWTCH15
33	1	U1	UC3843AN





	NOME PROGETTO: TEX LCD		NOME PARTE: SCHEDA TELEMETRY BOARD				
	AUTORE: S.POLUZZI		DATA: 11/11/04	REVISIONE: 3.0	SCALA: 2:1	SIZE: A4	PAGINA: 1 DI 1
	ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"		CODICE PROGETTO: /		CODICE DISEGNO: CSTLMTXLCD03		
	MATERIALE: FR4-74 1.6mm		TRATTAMENTO: Cu 35um		PROFILO: /		STATO: PROGETTUALE

SLTLMTXLCD03

Telemetry board Revised: 02/08/10
SLTLMTXLCD03 Revision: 2.2
TEX-LCD/RXRL-LCD/PTRL-LCD
Andrea Tommasi

Item	Quantity	Reference	Part	Description
1	1	CN1	DB15FSO	Connettore DB15 femm. cs 90°
2	1	CN2	BNC_IS90	Connettore BNC metallico 90°
3	1	CS1	CSTLMTXLCD03	Circuito stampato
4	4	C1, C2, C3, C4	0.1uF	Cond. ceramico p 5mm
5	3	C5, C6, C14	1nF	Cond. ceramico p 5mm
6	2	C7, C8	100pF	Cond. ceramico p 5mm
7	6	C9, C10, C11, C12, C13, C15	10nF	Cond. ceramico p 5mm
8	4	D1, D2, D5, D6	1N4148	Diodo in vetro DO35
9	2	D3, D4	BAT83	Diodi Hot carrier DO35
10	1	JP1	CN16PD	Connettore 16 poli Flat cs
11	1	JP2	STM03S	Strip maschio 3 pin
12	1	JP3	STM05S	Strip maschio 5 pin
13	2	JP4, JP5	JUM	Ponticello Jumper Nota 1
14	2	RV1, RV2	20K	Trimmer Rg H 3006
15	2	RY2, RY1	RLTQ2A_12V	Rele' TQ2
15	2	R1, R2	150	Res. 1/4W

Nota 1 Inserire i jumper in posizione:
2-3 in JP2
1-2 in JP3