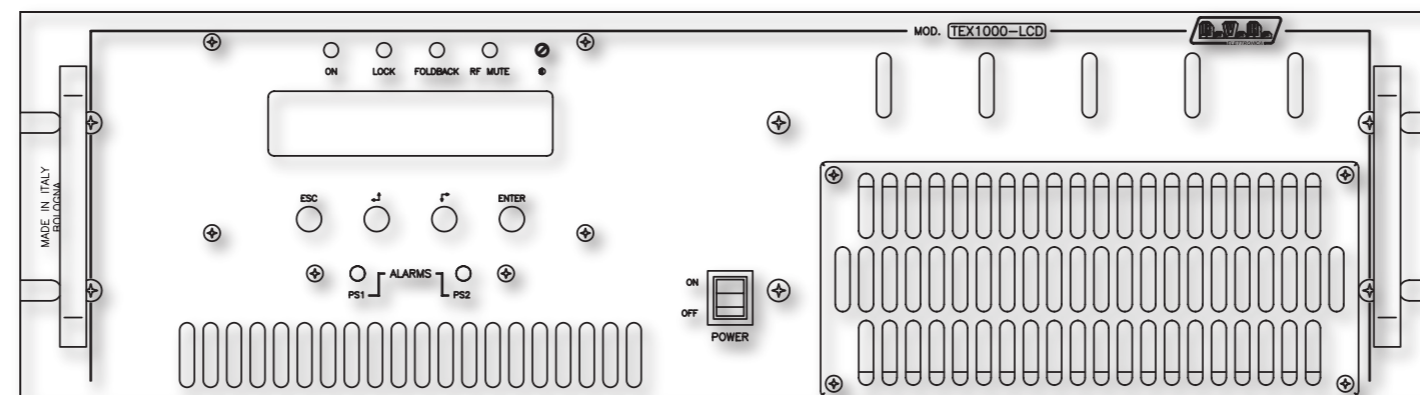


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# TEX1000-LCD



## User Manual Volume 2: Technical Appendix

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

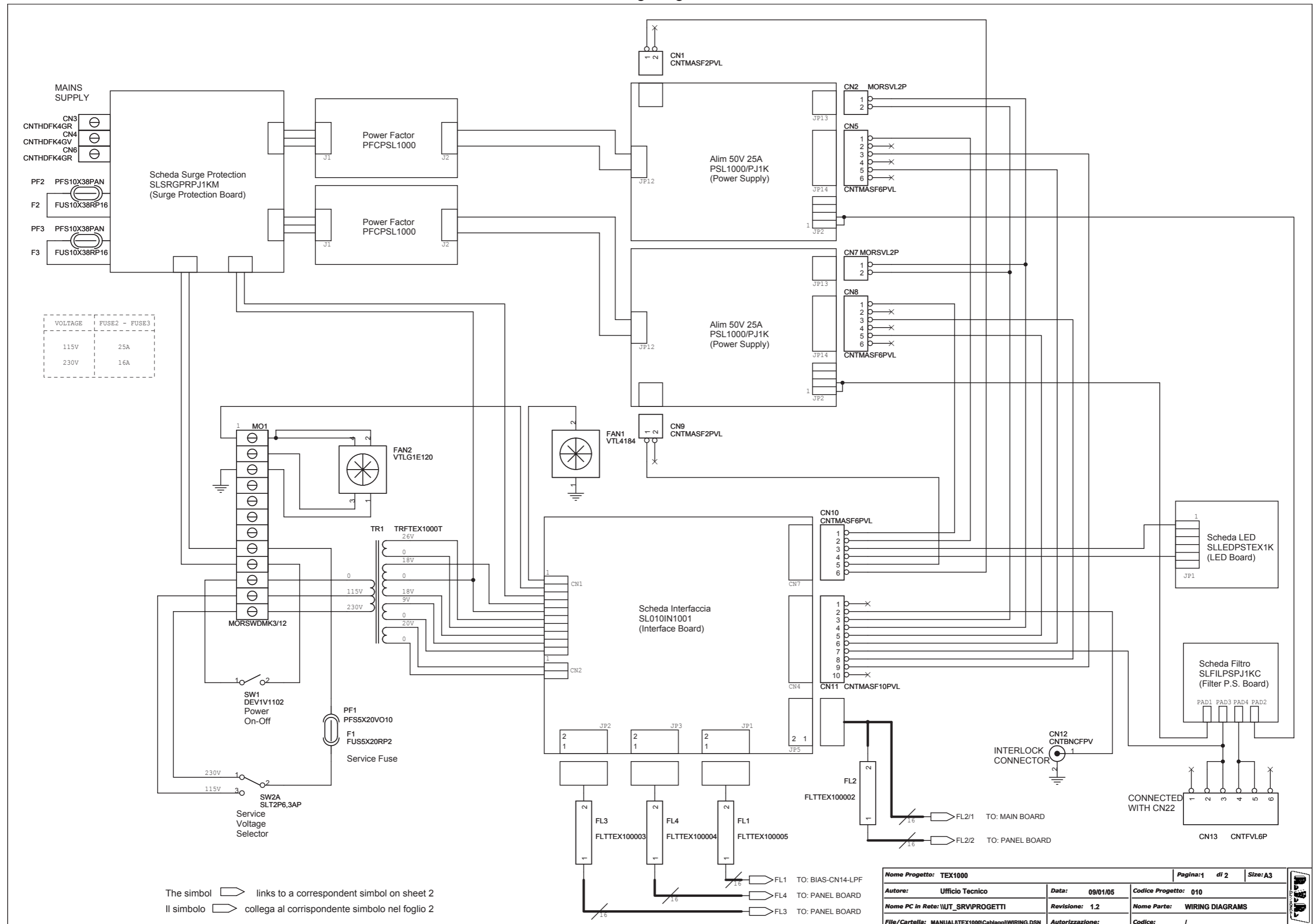
Questa parte del manuale contiene i dettagli tecnici riguardanti la costruzione delle singole schede componenti il TEX1000-LCD. L'appendice è composta dalle seguenti sezioni:

*This part of the manual contains the technical details about the different boards of the TEX1000-LCD. This appendix is composed of the following sections:*

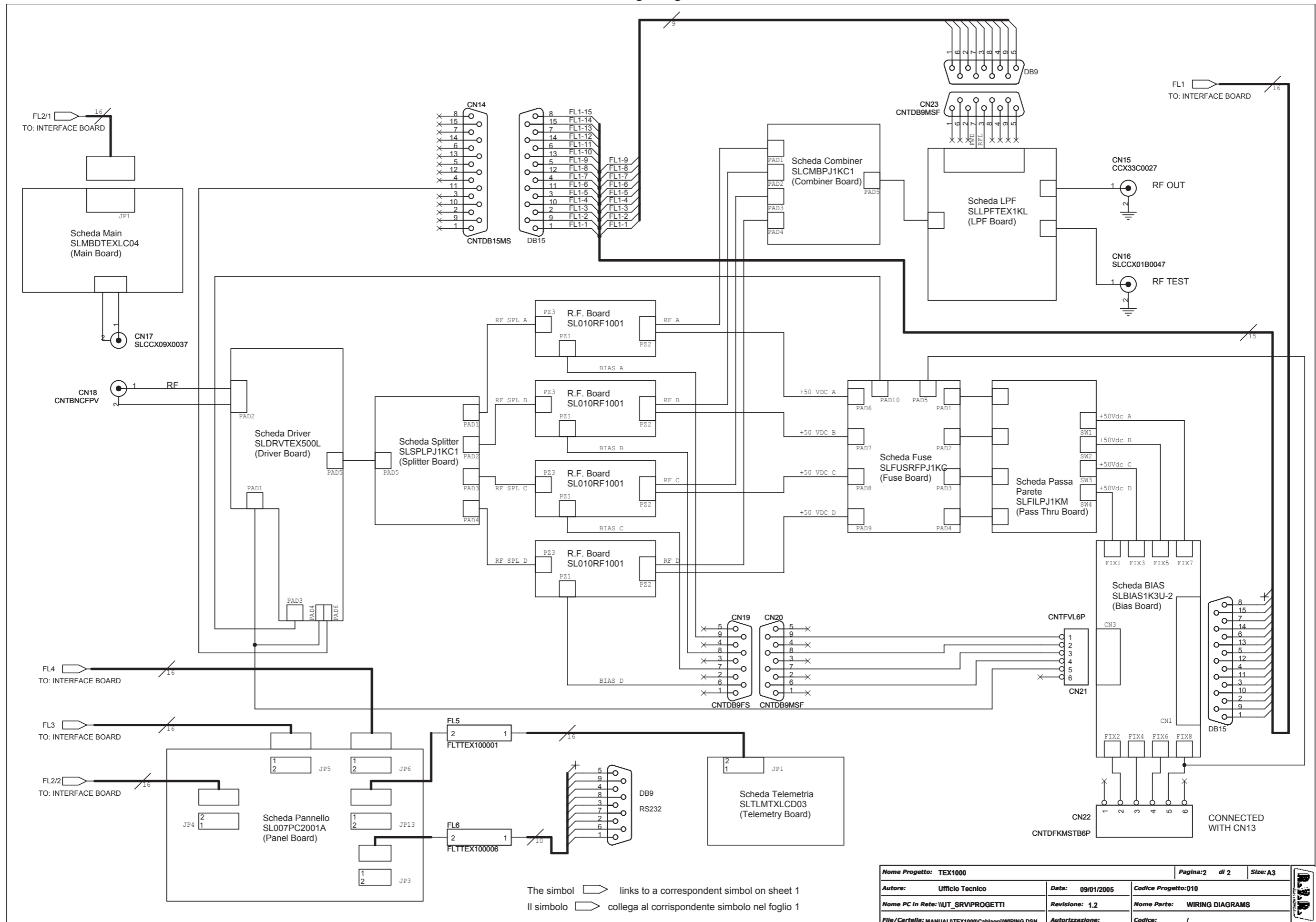
Description	RVR Code	Vers.	Page
Wiring Diagrams	KCABPS1TEX1K	1.2	1
Main Board	SLMBDTEXLC04	4.6	4
Driver Board	SLDRVTEX500L	1.7	12
Splitter Board	SLSPLPJ1KC1	1.0	14
R.F. Board	SL010RF1001	1.1	16
Combiner Board	SLCMBPJ1KC1	1.1	18
LPF Board	SLLPFTEX1KL	2.2	20
Surge Protection Board	SLSRGPRPJ1KM	1.1	23
Power Factor Correction	PFCPSL1000	1.1	25
Power Supply	PSL1000/PJ1K	1.1	33
Filter PS Board	SLFILPSPJ1KC	1.1	40
Fuse Board	SLFUSRFPJ1KC	1.1	42
LED Board	SLLEDPSTEX1K	1.4	44
Panel Board	SL007PC2001A	1.4	46
BIAS Board	SLBIAS1K3U-2	1.4	48
Interface Board	SL010IN1001	1.0	52
Pass Through Board	SLFILPJ1KM	2.0	55
Telemetry Board	SLTLMTXLCD03	2.0	58

### Document History

Date	Version	Reason	Code	Editor
06/12/05	1.5	SLSRGPRPJ1KM board upgrade	RM1205	J.H. Berti
09/01/06	1.6	SLMBDTEXLC04 & SL007PC2001A board upgrade	RM1405/RM2505	J.H. Berti



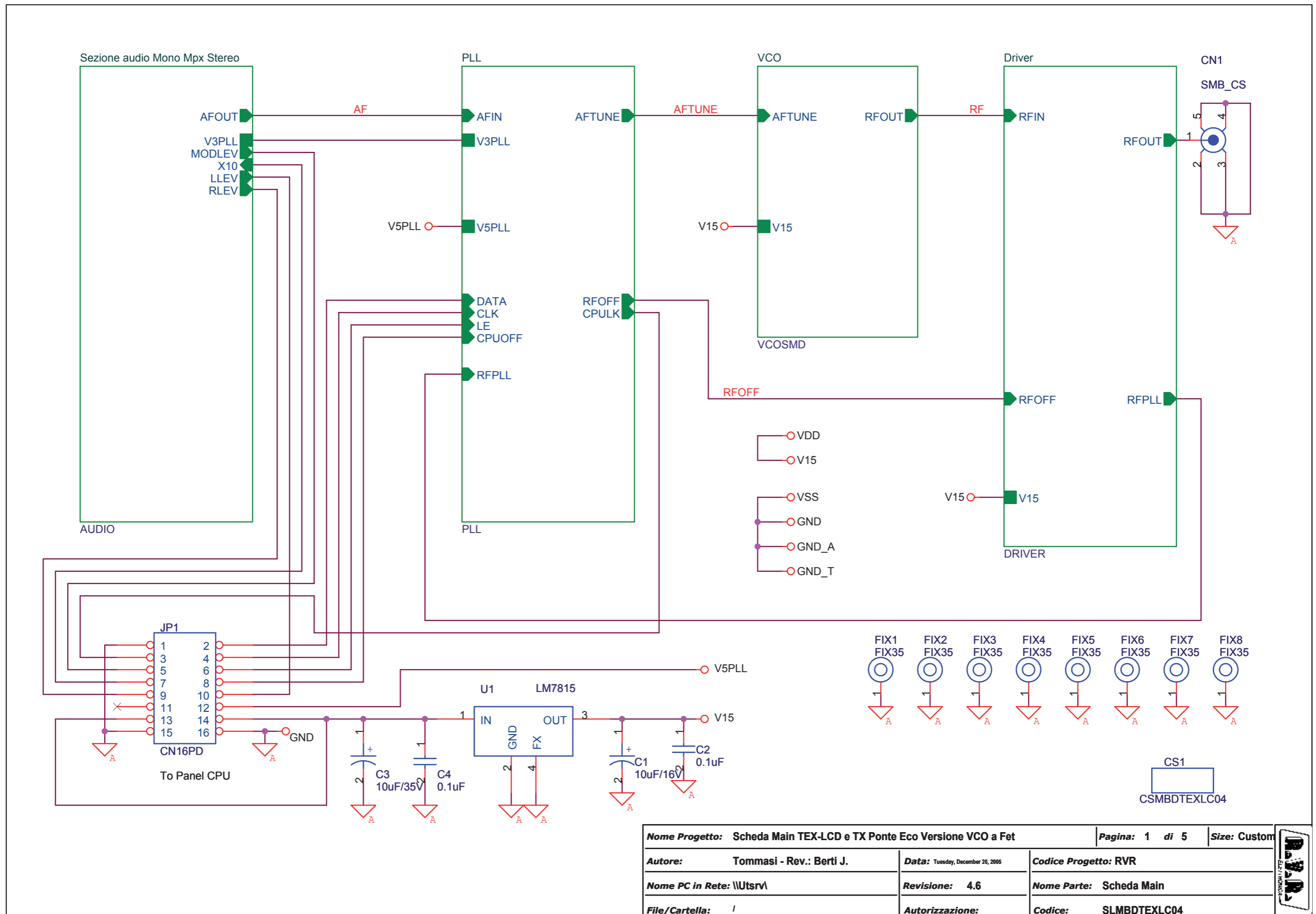
The simbol links to a correspondent simbol on sheet 2  
Il simbolo collega al corrispondente simbolo nel foglio 2



Nome Progetto: TEX1000		Pagina: 2 di 2		Size: A3
Autore: Ufficio Tecnico		Data: 09/01/2005	Codice Progetto: 010	
Nome PC in Rete: \UT_SRV\PROGETTI		Revisione: 1.2	Nome Parte: WIRING DIAGRAMS	
File/Cartella: MANUAL\TEX1000\Cableggi\WIRING.DSN		Autorizzazione:	Codice: /	

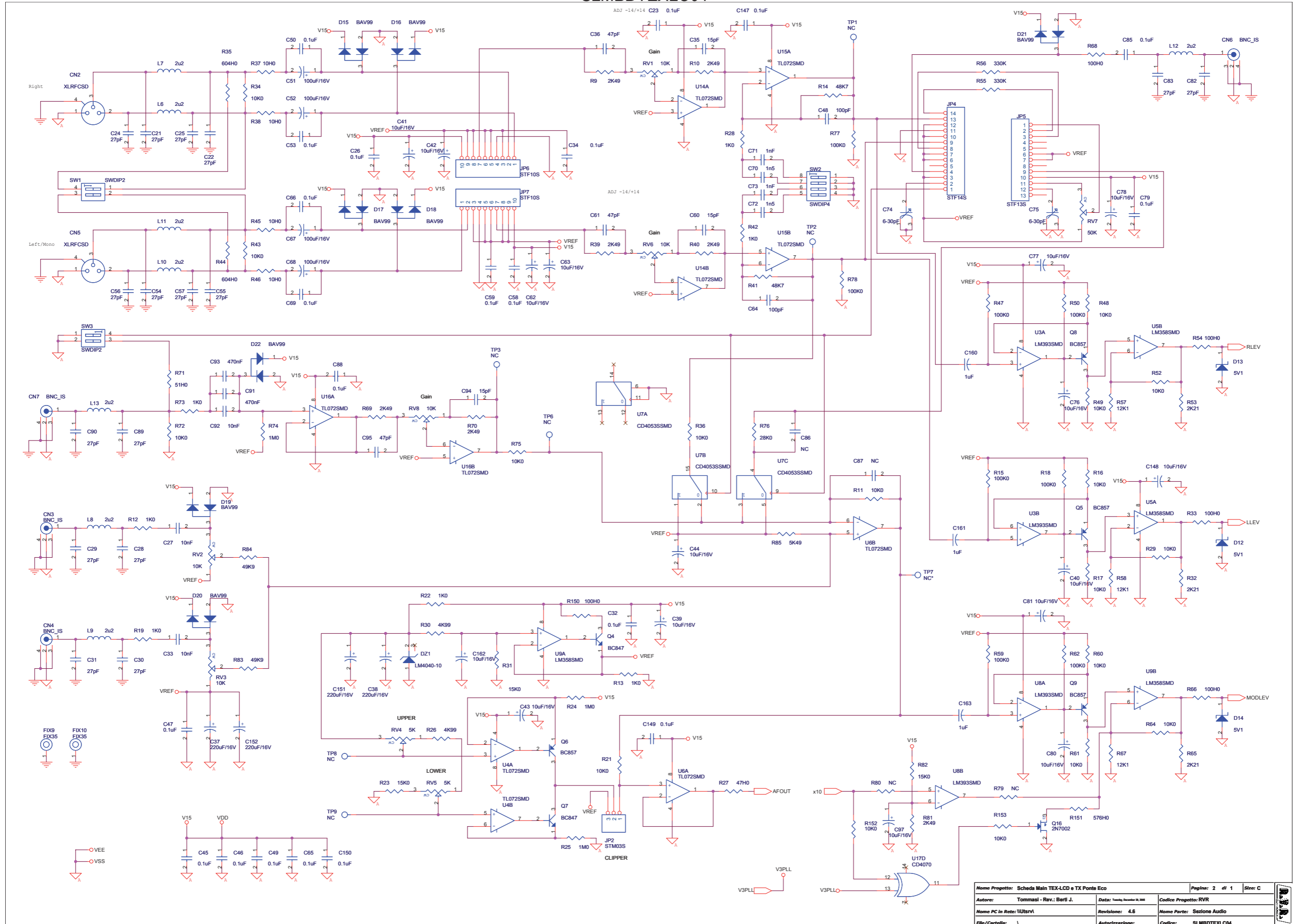
TEX1000  
 Revision: 1.2  
 Date: 09/01/2005

Item	Quantity	Reference	Part	Description
1	2	CN9, CN1	CNTMASF2PVL	Connettore 2 poli Mascon F
2	2	CN7, CN2	MORSVL2P	Morsettiere 2 contatti vol.
3	2	CN3, CN6	CNTHDFK4GR	
4	1	CN4	CNTHDFK4GV	
5	3	CN5, CN8, CN10	CNTMASF6PVL	Connettore 6 poli Mascon F
6	1	CN11	CNTMASF10PVL	Connettore 10 poli Mascon F
7	2	CN18, CN12	CNTBNCFPV	Conn. BNC da pannello
8	1	CN13	CNTFVL6P	Conn. Phoenix 6 poli F vol
9	1	CN14	CNTDB15MS	Connettore DB15 M
10	1	CN15	CCX33C0027	Conn. 7/16 da pannello
11	1	CN16	SLCCX01B0047	S.L. RG58+BNCM+BNCF
12	1	CN17	SLCCX09X0037	S.L. RG16+SMB+BNCM
13	1	CN19	CNTDB9FS	Connettore DB9 femm. cs
14	2	CN23, CN20	CNTDB9MSF	Connettore DB9 MASC
15	1	CN21	CNTFVL6P	Connettore 6 poli F vol
16	1	CN22	CNTDFKMSTB6P	Conn. Phoenix MSTB a 6 poli
17	1	FAN1	VTL4184	
18	1	FAN2	VTLG1E120	
19	1	FL1	FLTTEX100005	
20	1	FL2	FLTTEX100002	
21	1	FL3	FLTTEX100003	
22	1	FL4	FLTTEX100004	
23	1	FL5	FLTTEX100001	
24	1	FL6	FLTTEX100006	
25	1	F1	FUS5X20RP2	
26	2	F3, F2	FUS10X38RP16	
27	1	MO1	MORSWDMK3/12	
28	1	PF1	PFS5X20VO10	Portafusibile 5x20
29	2	PF3, PF2	PFS10X38PAN	Portafusibile 10x38
30	1	SW1	DEV1V1102	
31	1	SW2	SLT2P6,3AP	Selett. Tens. 2V 2P
32	1	TR1	TRFTEX1000T	

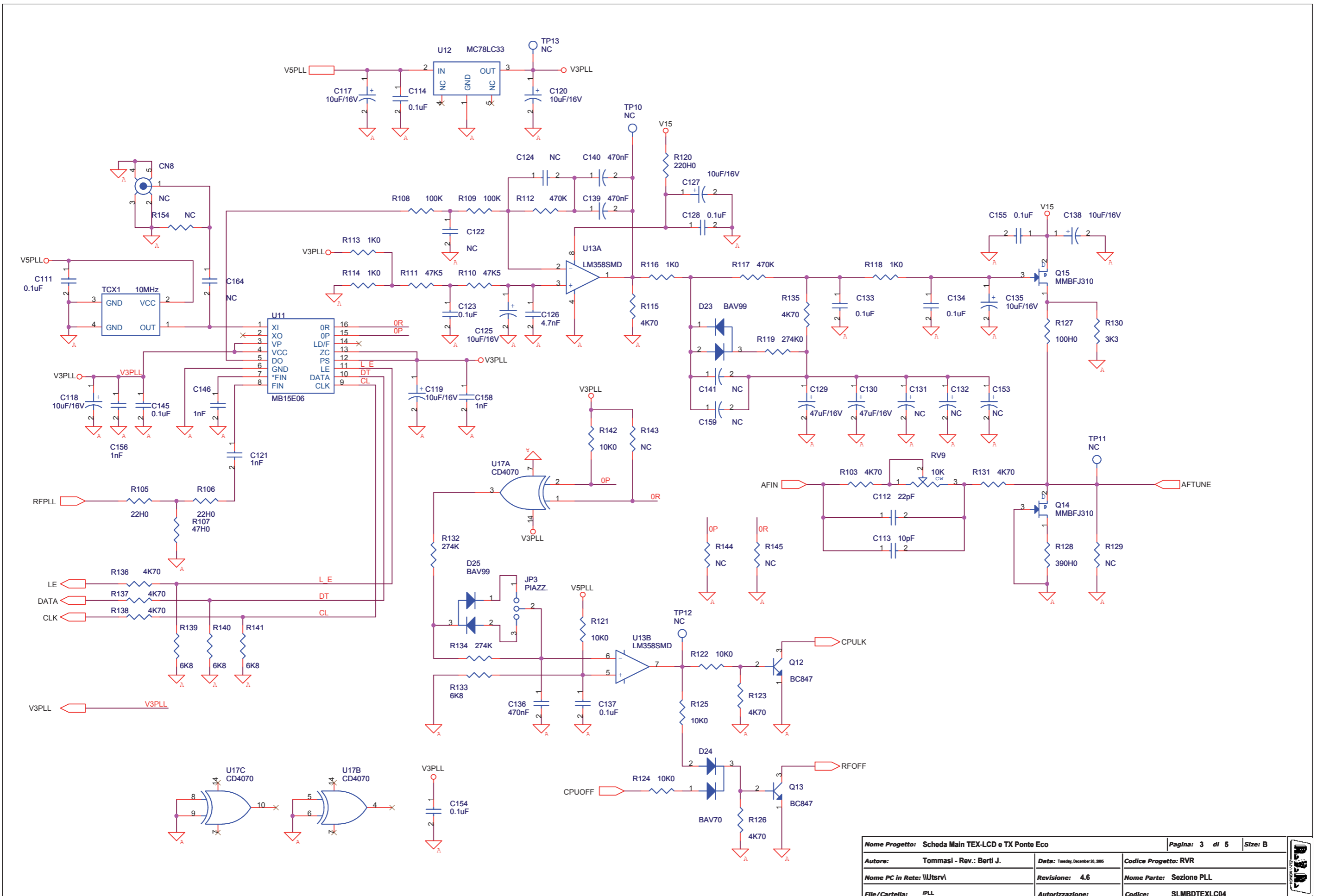


<b>Nome Progetto:</b> Scheda Main TEX-LCD e TX Ponte Eco Versione VCO a Fet		<b>Pagina:</b> 1 di 5	<b>Size:</b> Custom
<b>Autore:</b> Tommasi - Rev.: Berti J.	<b>Data:</b> Tuesday, December 20, 2005	<b>Codice Progetto:</b> RVR	
<b>Nome PC in Rete:</b> \\Utsrv\	<b>Revisione:</b> 4.6	<b>Nome Parte:</b> Scheda Main	
<b>File/Cartella:</b> /	<b>Autorizzazione:</b>	<b>Codice:</b> SLMBDTEXLC04	

Main Board  
SLMBDTEXLC04

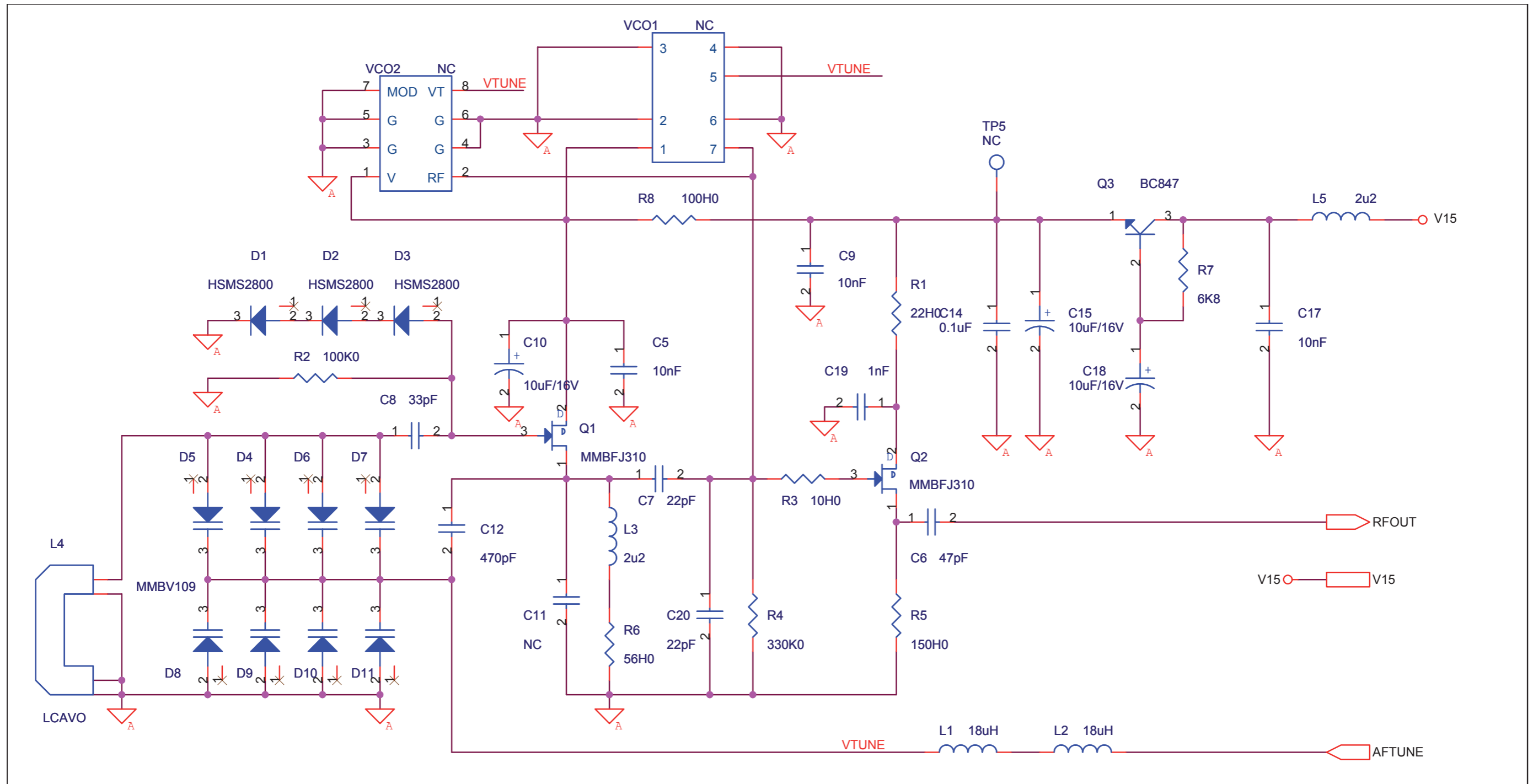


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Autore: Tommasi - Rev.: Berti J.	Revisione: 4.6	Nome Parte: Sezione Audio	
Nome PC in Rete: \Wlsvr\	Autore/Revisione: SLMBDTEXLC04		
File/Cartella: 1			



Nome Progetto: Scheda Main TEX-LCD e TX Ponte Eco		Pagina: 3 di 5	Size: B
Autore: Tommasi - Rev.: Berti J.	Data: Tuesday, December 20, 2005	Codice Progetto: RVR	
Nome PC in Rete: \\\Utsrv\	Revisione: 4.6	Nome Parte: Sezione PLL	
File/Cartella: /PLL	Autorizzazione:	Codice: SLMBDTEXLC04	

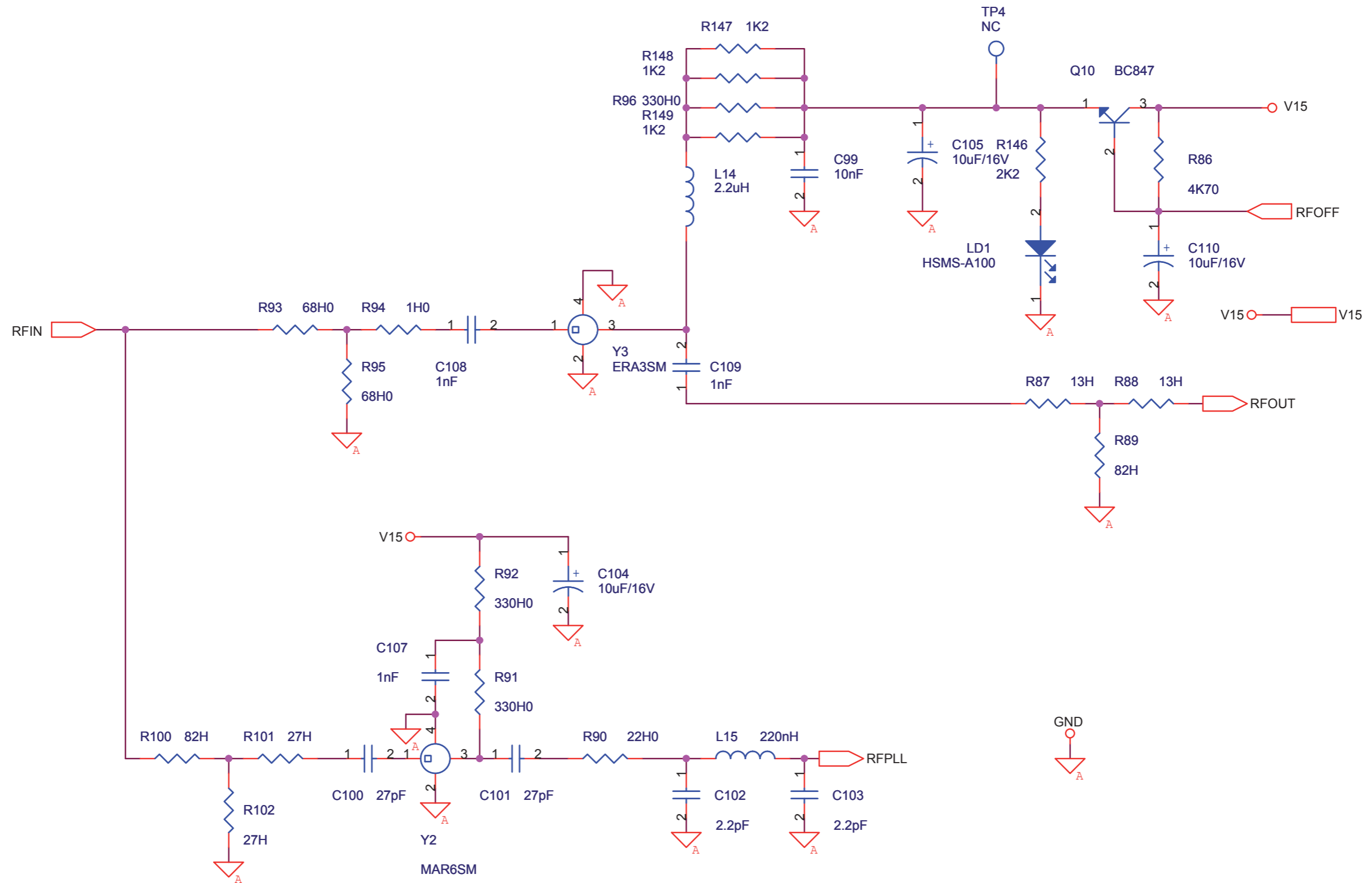




Il cavo e' montato lato saldature

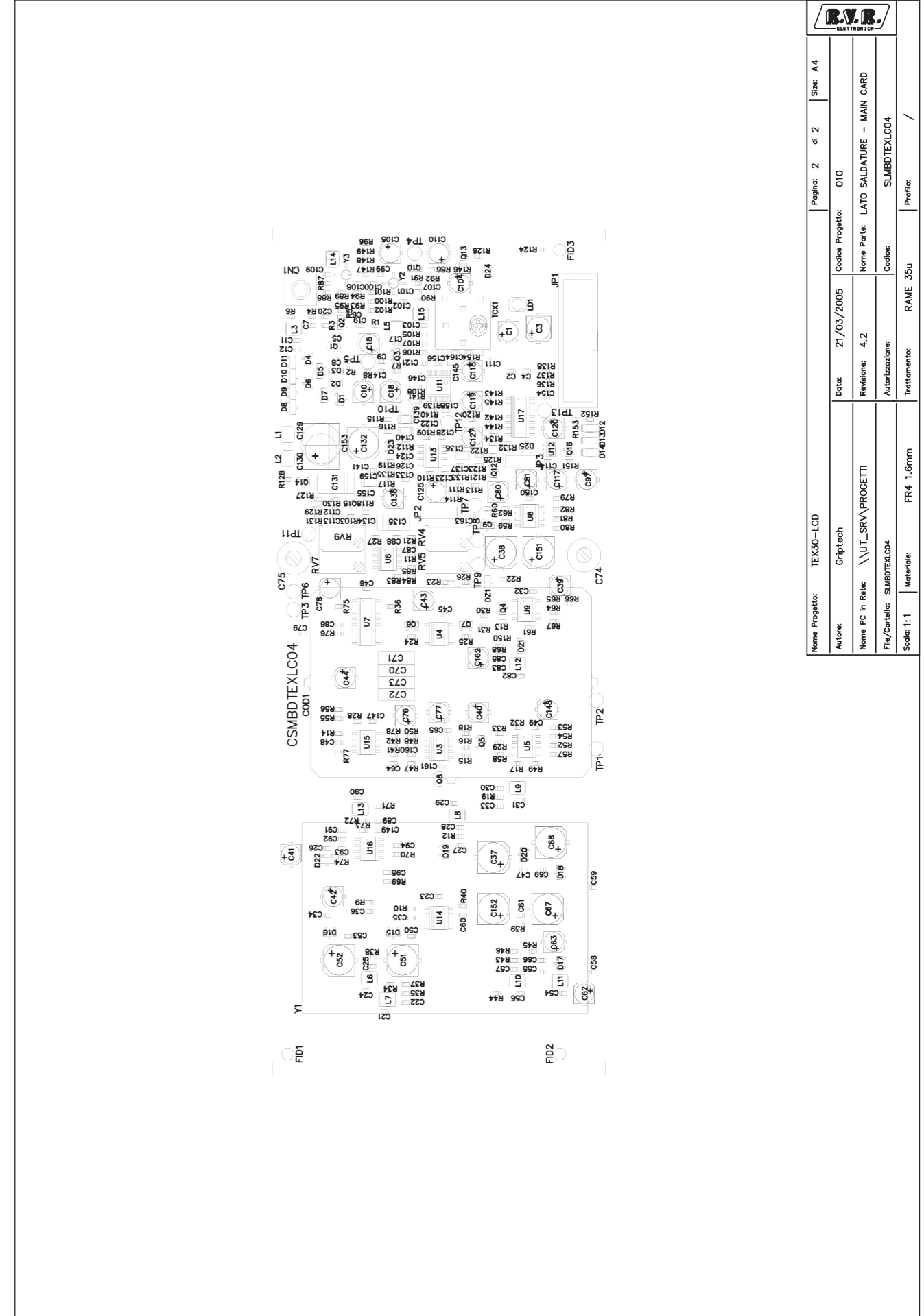
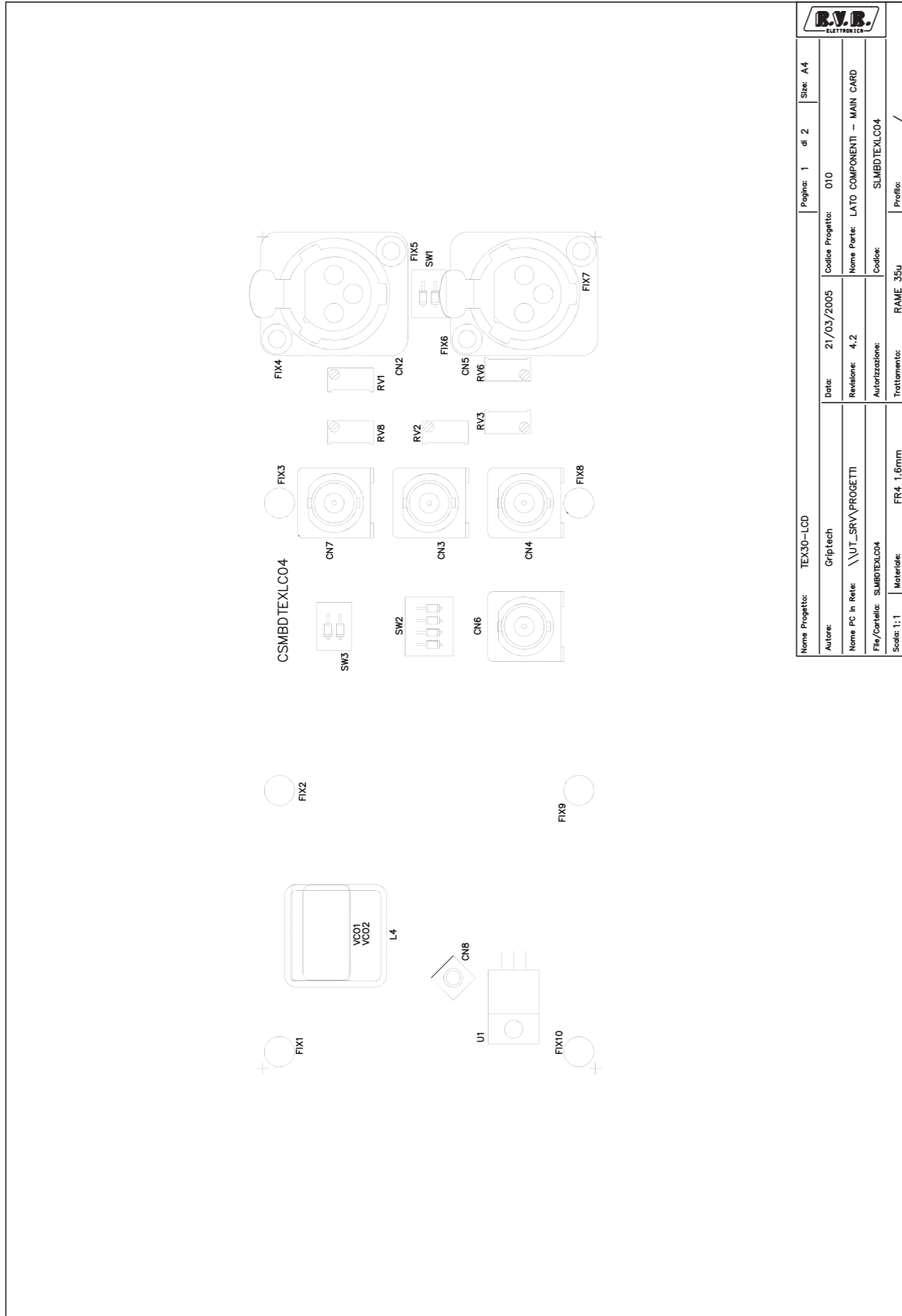
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Autore: Tommasi - Rev.: Berti J.	Data: Tuesday, December 20, 2005	Codice Progetto: RVR	
Nome PC in Rete: \\Utsrv\	Revisione: 4.6	Nome Parte: Sezione VCO	
File/Cartella: NCO	Autorizzazione:	Codice: SLMBDTEXLC04	

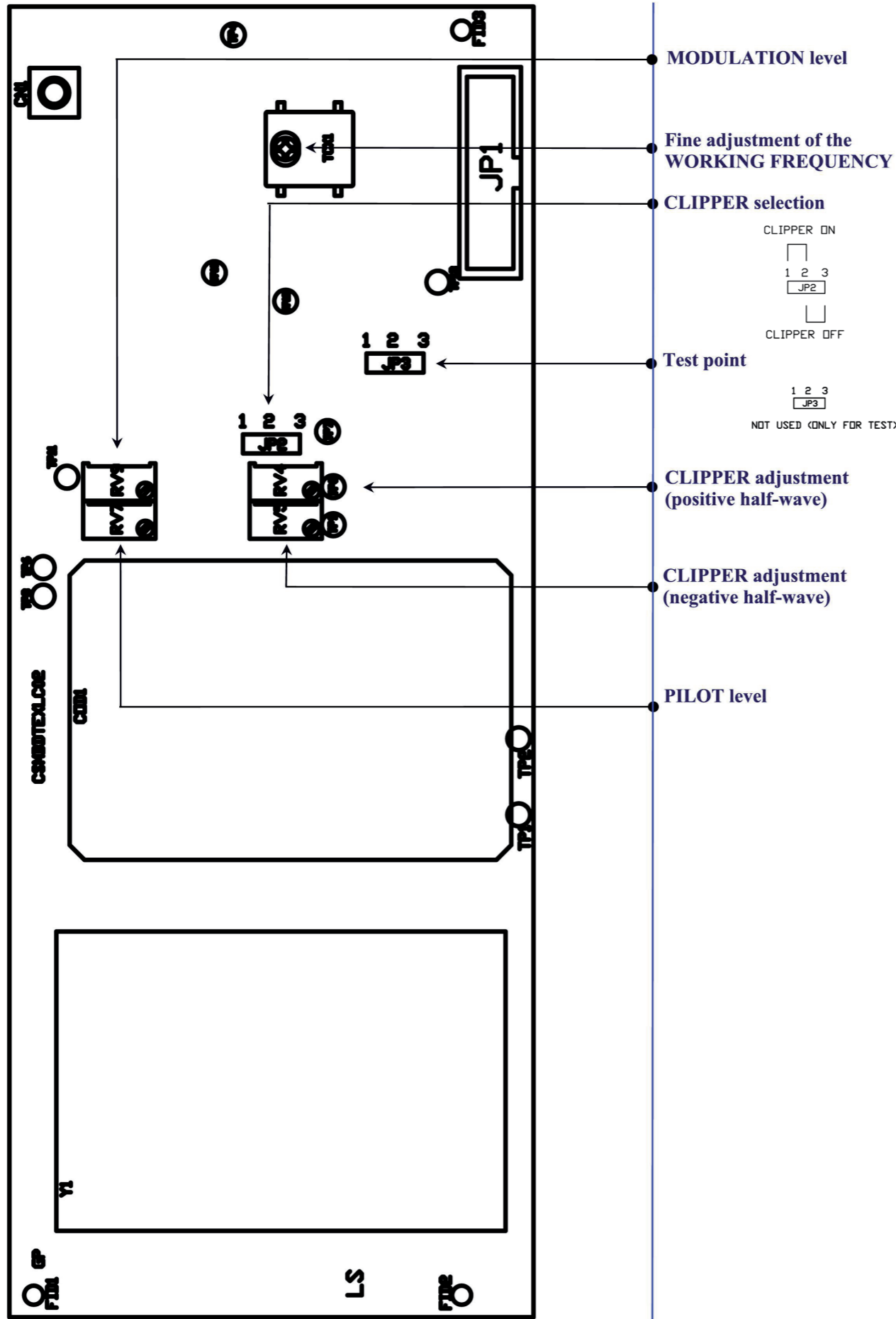




<b>Nome Progetto:</b> Scheda Main TEX-LCD e TX Ponte Eco		<b>Pagina:</b> 5 di 5	<b>Size:</b> A
<b>Autore:</b> Tommasi - Rev.: Berti J.	<b>Data:</b> Tuesday, December 20, 2005	<b>Codice Progetto:</b> RVR	
<b>Nome PC in Rete:</b> \\Utsrv\	<b>Revisione:</b> 4.6	<b>Nome Parte:</b> Sezione Driver	
<b>File/Cartella:</b> \	<b>Autorizzazione:</b>	<b>Codice:</b> SLMBDTEXLC04	







Scheda Main  
SLMBDTEXLC04  
Revision: 4.6 Date: 20/12/2005  
Tommasi - Rev.: Berti J.

Item	Quantity	Reference	Part	Description
1	1	CN1	SMB_CS	Connettore SMB cs
2	2	CN2,CN5	XLRFCSD	Connettore XLR femm. cs
3	4	CN3,CN4,CN6,CN7	BNC_IS	Connettore BNC metallico
4	1	CN8	NC	Connettore SMB cs
5	1	CS1	CSMBDTEXLC04	Circuito stampato
6	30	C1,C10,C15,C18,C39,C40,C41,C42,C43,C44,C62,C63,C76,C77,C78,C80,C81,C97,C104,C105,C110,C117,C118,C119,C120,C125,C127,C138,C148,C162	10uF/16V	Cond. Elett. SMD d. 4mm
7	34	C2,C4,C14,C23,C26,C32,C34,C45,C46,C47,C49,C50,C53,C58,C59,C65,C66,C69,C79,C85,C88,C111,C114,C123,C128,C133,C134,C137,C145,C147,C149,C150,C154,C155	0.1uF	Cond. SMD 0805
8	1	C3	10uF/35V	Cond. Elett. SMD d. 4mm
9	7	C5,C9,C17,C27,C33,C92,C99	10nF	Cond. SMD 0805
10	4	C6,C36,C61,C95	47pF	Cond. SMD 0805
11	3	C7,C20,C112	22pF	Cond. SMD 0805
12	1	C8	33pF	Cond. SMD 0805
13	6	C11,C86,C87,C122,C124,C164	NC	Cond. SMD 0805
14	1	C12	470pF	Cond. SMD 0805
15	8	C19,C107,C108,C109,C121,C146,C156,C158	1nF	Cond. SMD 0805
16	18	C21,C22,C24,C25,C28,C29,C30,C31,C54,C55,C56,C57,C82,C83,C89,C90,C100,C101	27pF	Cond. SMD 0805
17	3	C35,C60,C94	15pF	Cond. SMD 0805
18	4	C37,C38,C151,C152	220uF/16V	Cond. Elett. SMD d. 6.3mm
19	2	C48,C64	100pF	Cond. SMD 0805
20	4	C51,C52,C67,C68	100uF/16V	Cond. Elett. SMD d. 6.3mm
21	2	C70,C72	1n5	Cond. Poliestere p 5mm 5%
22	2	C71,C73	1nF	Cond. Poliestere p 5mm 5%
23	2	C74,C75	6-30pF	Comp. ceramico dia. 7mm
24	3	C91,C93,C136	470nF	Cond. SMD 0805
25	2	C102,C103	2.2pF	Cond. SMD 0805
26	1	C113	10pF	Cond. SMD 0805
27	1	C126	4.7nF	Cond. SMD 0805
28	2	C129,C130	47uF/16V	Cond. Tant. SMD size C
29	3	C131,C132,C153	NC	Cond. Elett. SMD d. 6.3mm
30	1	C135	10uF/16V	Cond. Tant. size C
31	2	C139,C140	470nF	Cond. SMD 1206
32	2	C141,C159	NC	Cond. SMD 1206
33	3	C160,C161,C163	1uF	Cond. SMD 0805
34	1	DZ1	LM4040-10	Diodi Zener SMD SOT23
35	3	D1,D2,D3	HSMS2800	Diodo SMD SOT23

36	8 D4,D5,D6,D7,D8,D9,D10, D11	MMBV109	Diodo Varicap SMD SOT23
37	3 D12,D13,D14	5V1	MINIMELF SMD Zener Diode
38	10 D15,D16,D17,D18,D19,D20, D21,D22,D23,D25	BAV99	Doppio Diodo SMD SOT23
39	1 D24	BAV70	Doppio Diodo SMD SOT23
40	10 FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, FIX9, FIX10	FIX35	Foro fissaggio 3.5mm
41	1 JP1	CN16PD	Connettore 16 poli Flat cs
42	1 JP2	STM03S	Strip maschio 3 pin
43	1 JP3	PIAZZ.	Jumper SMD
44	1 JP4	STF14S	Strip femmina 14 pin
45	1 JP5	STF13S	Strip femmina 13 pin
46	2 JP6,JP7	STF10S	Strip femmina 10 pin
47	1 LD1	HSMS-A100	LED dia. 5mm
48	2 L1,L2	18uH	Induttanza SMD 1210 scherm.
49	10 L3,L5,L6,L7,L8,L9,L10, L11,L12,L13	2u2	Induttanza SMD 3225 (1210)
50	1 L4	LCAVO	Induttanza a cavo RG
51	1 L14	2.2uH	Induttanza SMD 3225 (1210)
52	1 L15	220nH	Induttanza SMD 3225 (1210)
53	4 Q1,Q2,Q14,Q15	MMBFJ310	Trans. FET SOT23
54	6 Q3,Q4,Q7,Q10,Q12,Q13	BC847	Trans. NPN SOT23
55	4 Q5,Q6,Q8,Q9	BC857	Trans. PNP SOT23
56	1 Q16	2N7002	Trans. FET SOT23
57	5 RV1,RV2,RV3,RV6,RV8	10K	Trimmer Rg H 3296X
58	2 RV4,RV5	5K	Trimmer Rg V 3296W
59	1 RV7	50K	Trimmer Rg V 3296W
60	1 RV9	10K	Trimmer Rg V 3296W
61	4 R1,R90,R105,R106	22H0	Res. SMD 0805
62	9 R2,R15,R18,R47,R50,R59, R62,R77,R78	100K0	Res. SMD 0805
63	5 R3,R37,R38,R45,R46	10H0	Res. SMD 0805
64	1 R4	330K0	Res. SMD 0805
65	1 R5	150H0	Res. SMD 0805
66	1 R6	56H0	Res. SMD 0805
67	5 R7,R133,R139,R140,R141	6K8	Res. SMD 0805
68	6 R8,R33,R54,R66,R68,R127	100H0	Res. SMD 0805
69	7 R9,R10,R39,R40,R69,R70, R81	2K49	Res. SMD 0805
70	21 R11,R16,R17,R21,R29,R34, R36,R43,R48,R49,R52,R60, R61,R64,R72,R75,R121, R122,R124,R125,R142	10K0	Res. SMD 0805
71	11 R12,R13,R19,R22,R28,R42, R73,R113,R114,R116,R118	1K0	Res. SMD 0805
72	2 R14,R41	48K7	Res. SMD 0805
73	3 R23,R31,R82	15K0	Res. SMD 0805
74	3 R24,R25,R74	1M0	Res. SMD 0805
75	2 R26,R30	4K99	Res. SMD 0805
76	2 R27,R107	47H0	Res. SMD 0805
77	3 R32,R53,R65	2K21	Res. SMD 0805
78	2 R35,R44	604H0	Res. SMD 0805
79	2 R55,R56	330K	Res. SMD 0805
80	3 R57,R58,R67	12K1	Res. SMD 0805
81	1 R71	51H0	Res. SMD 0805
82	1 R76	28K0	Res. SMD 0805

83	7 R79,R80,R129,R143,R144, R145,R154	NC	Res. SMD 0805
84	2 R83,R84	49K9	Res. SMD 0805
85	1 R85	5K49	Res. SMD 0805
86	10 R86,R103,R115,R123,R126, R131,R135,R136,R137,R138	4K70	Res. SMD 0805
87	2 R87,R88	13H	Res. SMD 0805
88	2 R89,R100	82H	Res. SMD 0805
89	3 R91,R92,R96	330H0	Res. SMD 0805
90	2 R93,R95	68H0	Res. SMD 0805
91	1 R94	1H0	Res. SMD 0805
92	2 R101,R102	27H	Res. SMD 0805
93	2 R108,R109	100K	Res. SMD 0805
94	2 R110,R111	47K5	Res. SMD 0805
95	2 R112,R117	470K	Res. SMD 0805
96	1 R119	274K0	Res. SMD 0805
97	1 R120	220H0	Res. SMD 0805
98	1 R128	390H0	Res. SMD 0805
99	1 R130	3K3	Res. SMD 0805
100	2 R132,R134	274K	Res. SMD 0805
101	1 R146	2K2	Res. SMD 0805
102	3 R147,R148,R149	1K2	Res. SMD 0805
103	1 R150	100H0	Res. SMD 0805
104	1 R151	576H0	Res. SMD 0805
105	2 R152,R153	10K0	Res. SMD 0805
106	2 SW1,SW3	SWDIP2	Dip switch 2 vie
107	1 SW2	SWDIP4	Dip switch 4 vie
108	1 TCX1	10MHz	TCXO SMD
109	12 TP1,TP2,TP3,TP4,TP5,TP6, TP8,TP9,TP10,TP11,TP12, TP13	NC	Test point
110	1 TP7	NC*	Test point
111	1 U1	LM7815	Stabilizzatore TO220
112	2 U3,U8	LM393SMD	Dual Comp. SMD SO8
113	5 U4,U6,U14,U15,U16	TL072SMD	Dual Op. SMD SO8
114	3 U5,U9,U13	LM358SMD	Dual Op. SMD SO8
115	1 U7	CD4053SSMD	Analog Switch SMD SO16
116	1 U11	MB15E06	Integrated PLL
117	1 U12	MC78LC33	Stab. SMD SOT23-5
118	1 U17	CD4070	Quad. XOR port
119	1 VCO1	NC	VCO SKY 7 pin FVC7MD
120	1 VCO2	NC	VCO SKY 8 pin FVC7MD
121	1 Y2	MAR6SM	Ibrido MAR/ERA
122	1 Y3	ERA3SM	Ibrido MAR/ERA

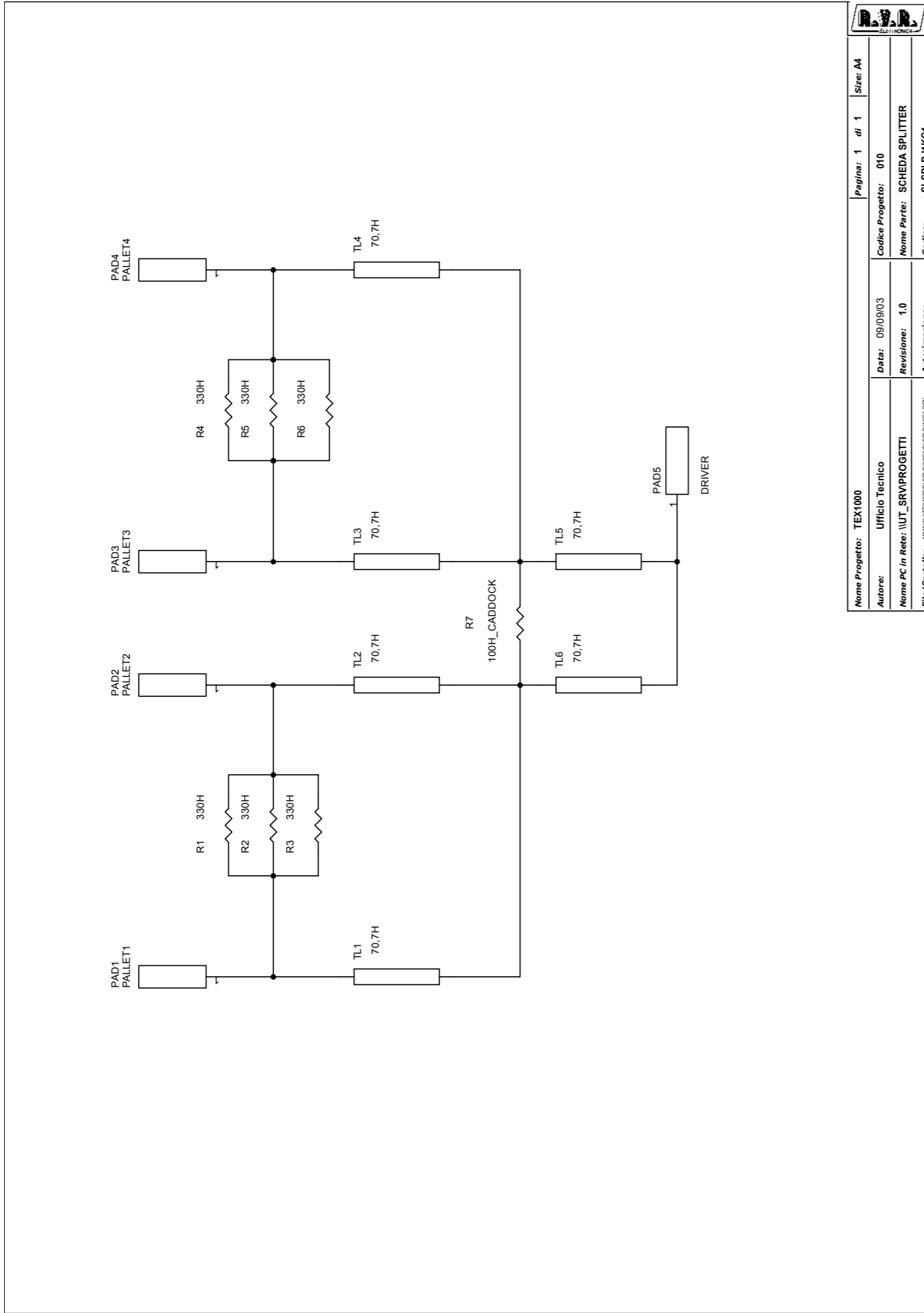


Scheda Driver TEX1K/1K3-LCD Revised: 22/09/2005  
SLDRVTEX500L Revision: 1.7  
TEX1000LCD

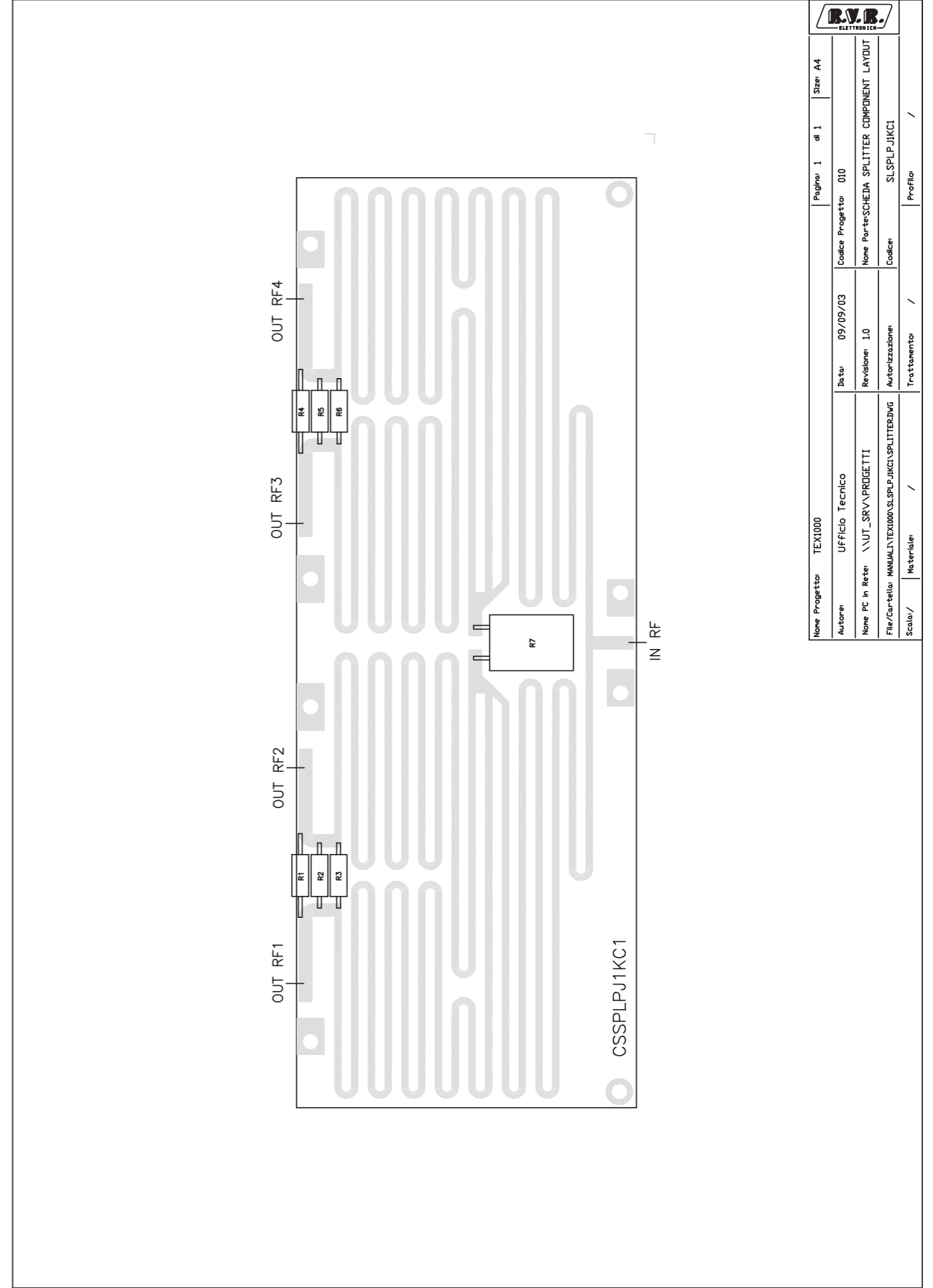
Item	Q.ty	Reference	Part	
1	1	COAX1	120mm_25H	
2	4	C1, C2, C29, C30	100nF	COND. CER. 0805 100NF X7R 50V +/-10
3	1	C3	10pF	COND. CER. 0805 10PF COG 50V +/-5
4	5	C21, C22, C28	1nF	COND.CHIP ALTO Q 1NF 5% 50V
5		C5, C7	82pF	COND. CER. 0805 82PF COG 50V +/-5
6	1	C4, C6, C8	1nF	COND. CER. 0805 1NF NPO 50V +/-5
7	1	C12	22pF	COND. CER. 0805 22PF COG 50V +/-5
8	1	C13	27pF	COND. CER. 0805 27PF COG 50V +/-5
9	1	C14	1uF	COND. CER. 0805 1UF Y5V 50V +/-10
10	7	C15, C16, C17, C23, C24, C26, C27	4n7	COND. CER. 0805 4NF7 X7R 50V +/-10
11	1	C18	ATC 470pF	COND.CHIP HQ 470PF 5% 200V AVX
12	2	C19, C20	680nF	COND. POL. 680NF 5% 5,08MM 100V
13	1	C25	47pF	COND.CHIP HQ 47PF 5% 500V AVX
14	1	C31	1nF	COND.CER. 1NF P5,08 10% 60V N150
15	1	C10	4,7pF	COND. CER. 0805 4PF7 COG 50V +/-5
16	1	D1	9V1	DIODO ZENER 9V1 MINIMELF
17	6	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6	FIX35	
18	2	L6, L1	VK200	IMPEDENZA VK200 ASSIALE
19	1	L2	0,22uH	IMPEDENZA 0,22 MICRO HENRY SMD 1210
20	1	L3	3_SP_D_3,5_ARG	
21	1	L4	5_SP_D6_ARG	
22	1	L5	INDIH1	
23	1	L7	6_SP_D6,5_SM	
24	1	MOS1	BLF175	TRANSISTOR BLF175 SOT123
25	1	PAD1	+15V	
26	1	PAD2	INPUT	
27	1	PAD3	+50V	
28	2	PAD4, PAD6	PAD	
29	1	PAD5	OUT	
30	1	Q1	BFG35	TRANS. SMD CASE SOT223 BFG35
31	1	RV1	1K	TRIM.MULTI.REG.VER. 1K
32	2	R16, R1	10	RES. STRATO METALLICO 2W. 5% 10H
33	4	R2, R3, R4, R6	10H	RES. CHIP 0805 1% 10H
34	1	R5	1K8	RES. CHIP 0805 1% 1K8
35	1	R7	10K	RES. STRATO METALLICO 1/4W 1% 10K
36	3	R8, R14, R15	22H	RES. CHIP 0805 1% 22H
37	2	R9, R10	150	RES. CHIP 0805 1% 150H
38	2	R11, R13	100	RES. CHIP 0805 1% 100H
39	3	C9, C11, R12	NC	Not connected
40	1	R17	51	RES. CHIP 0805 1% 51H
41	1	R18	220	RES. CHIP 0805 1% 220H
42	1	U1	LM50C_SMD	CIRC. INT. LINEARE LM50 CIM3
43	1	CS1	CSDRVTEX500L	CIRC.STAMP.DRIVER TEX500/TEX1000

**Note**

Fissare con una goccia di silicone L5  
Collegare con un filo volante, diametro 0,22 lunghezza 55mm, R7 a C31 (vedi filo verde nella foto DSCN4570.JPG)



		Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010		Nome Parte: SCHEDA SPLITTER	
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 1.0		Autorizzazione:		Codice: SLSPJP1KC1	
File/Cartella: MANUAL\TEX1000\SLSPJP1KC1\SLSPJP1KC1.DWG							

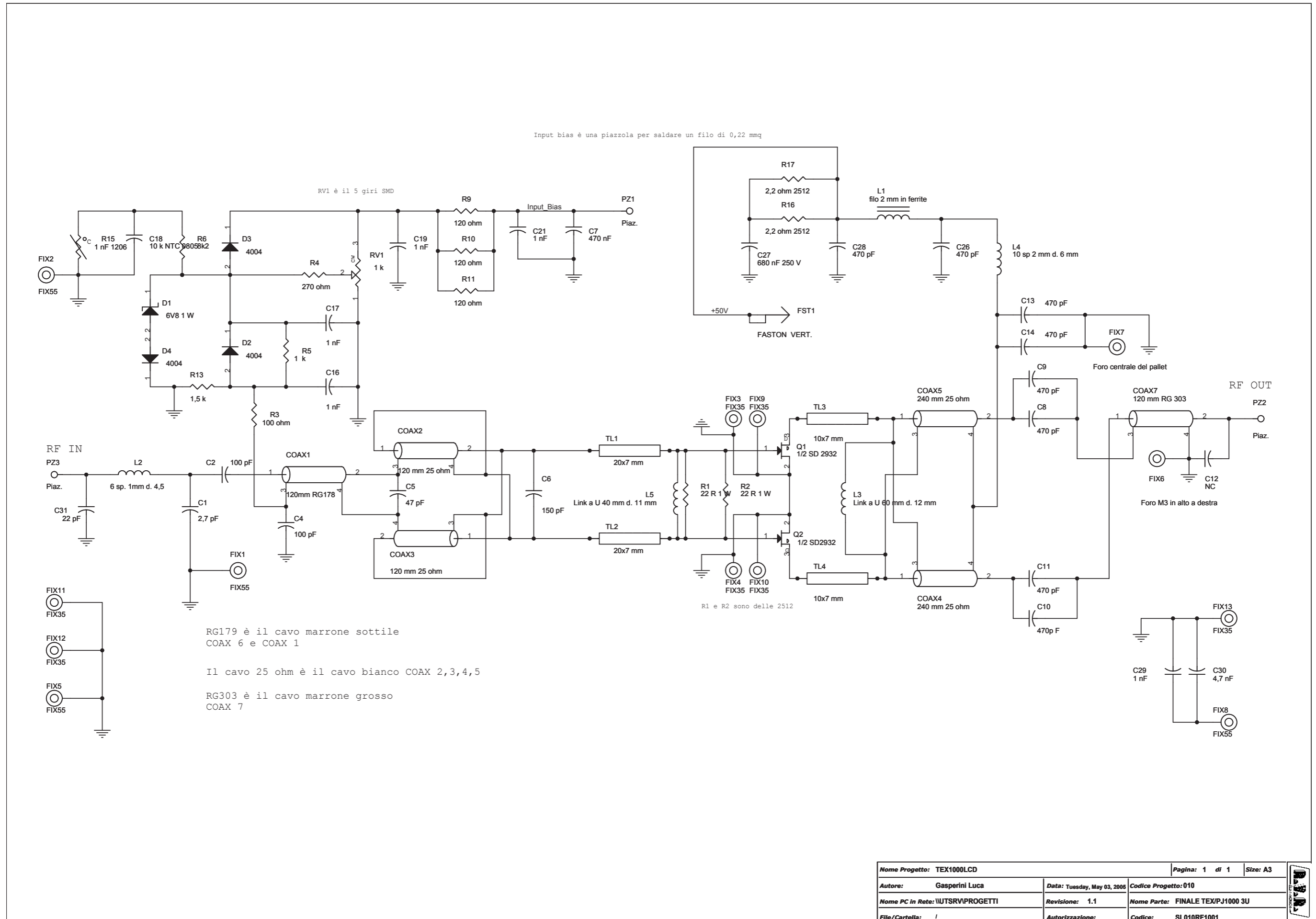


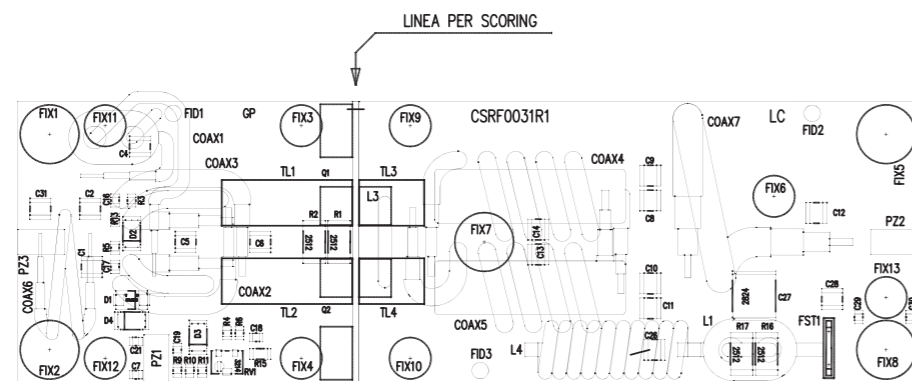
		Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010		Nome Parte: SCHEDA SPLITTER COMPONENT LAYOUT	
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 1.0		Autorizzazione:		Codice: SLSPJP1KC1	
File/Carrella: MANUAL\TEX1000\SLSPJP1KC1\SLSPJP1KC1.DWG							
Scala: /	Materiale: /	Trattamento: /					
						Profilo: /	



SCHEDA SPLITTER Revised: Monday, September 15, 2003  
SLSPLPJ1KC1 Revision: 1.0  
TEX1000

Item	Quantity	Reference	Part
1	1	PAD1	PALLET1
2	1	PAD2	PALLET2
3	1	PAD3	PALLET3
4	1	PAD4	PALLET4
5	1	PAD5	DRIVER
6	6	R1, R2, R3, R4, R5, R6	330H
7	1	R7	100H_CADDOCK
8	6	TL1, TL2, TL3, TL4, TL5, TL6	70,7H



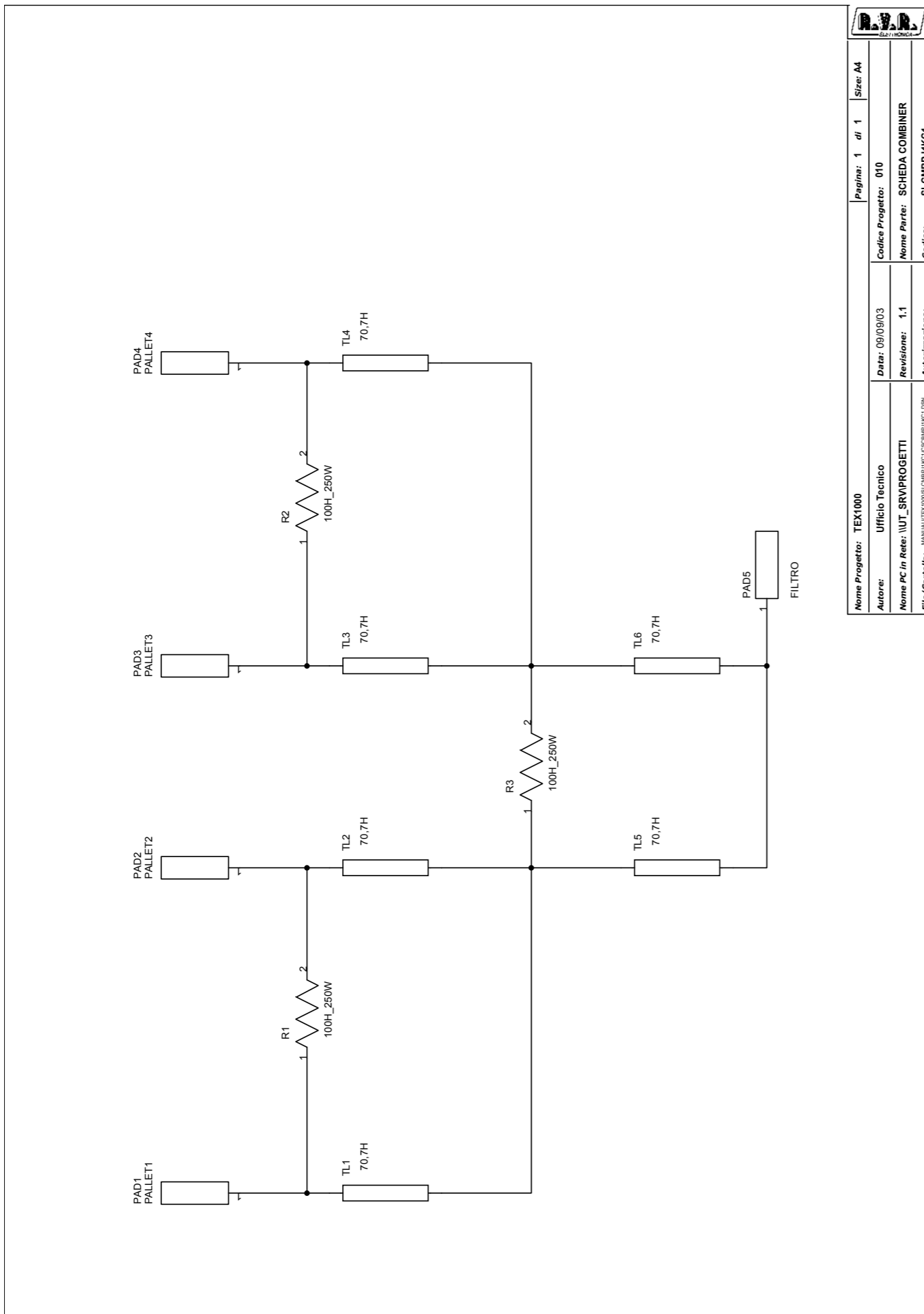


FINALE PJ1000 3U Revised: 03-05-2005  
Revision: 1.1  
SL010RF1001

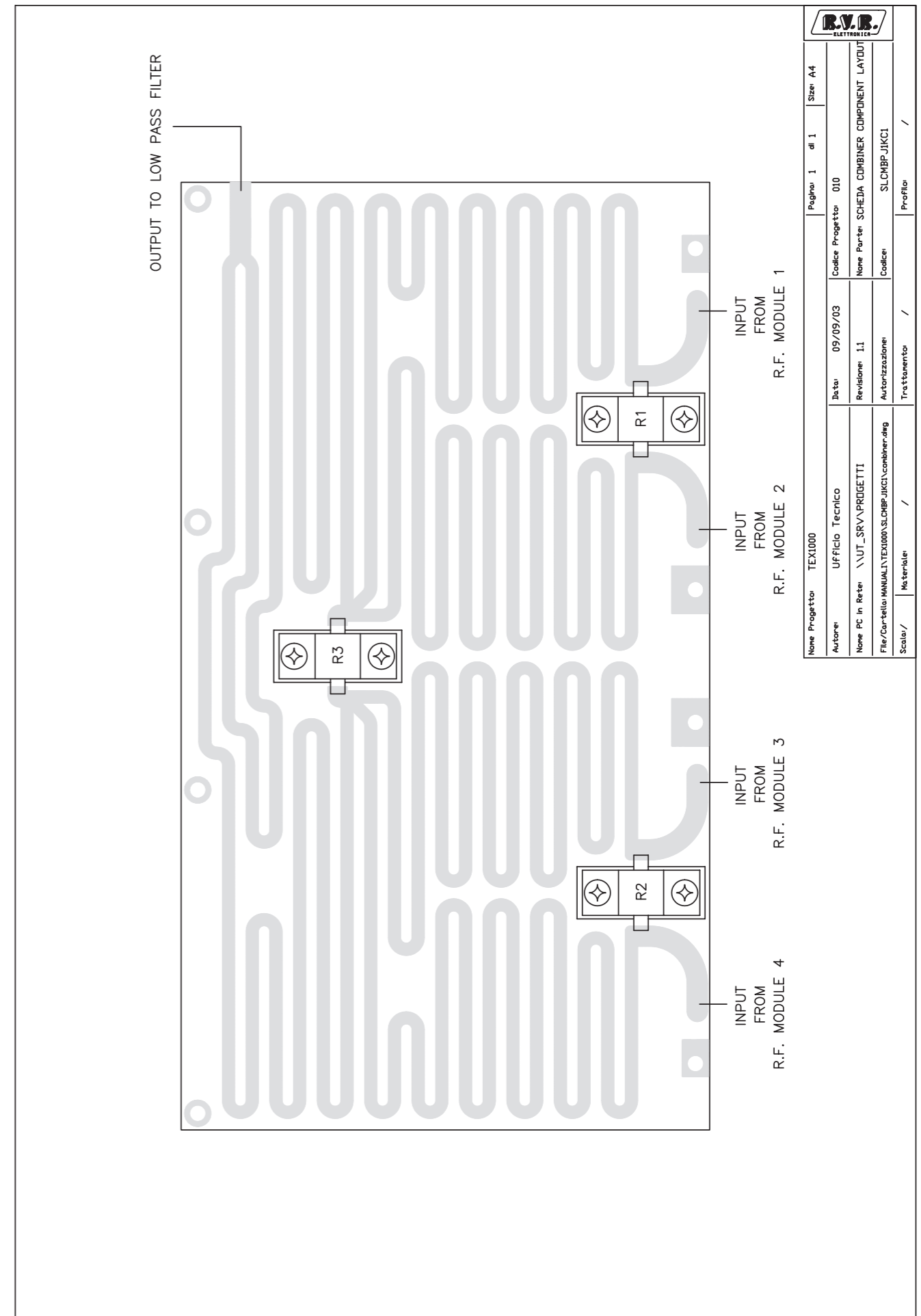
Gasperini Luca

Item	Quantity	Reference	Part
1	1	COAX1	120mm RG178
2	2	COAX2, COAX3	120 mm 25 ohm
3	2	COAX5, COAX4	240 mm 25 ohm
4	1	COAX7	120 mm RG 303
5	1	C1	2,7 pF
6	2	C4, C2	100 pF
7	1	C5	47 pF
8	1	C6	150 pF
9	1	C7	470 nF
10	7	C8, C9, C11, C13, C14, C26, C28	470 pF
11	1	C10	470p F
12	1	C12	NC
13	5	C16, C17, C19, C21, C29	1 nF
14	1	C18	10 k NTC 0805
15	1	C27	680 nF 250 V
16	1	C30	4,7 nF
17	1	C31	22 pF
18	1	D1	6V8 1 W
19	3	D2, D3, D4	4004
20	4	FIX1, FIX2, FIX5, FIX8	FIX55
21	7	FIX3, FIX4, FIX9, FIX10, FIX11, FIX12, FIX13	FIX35
22	1	FIX6	Foro M3 in alto a destra
23	1	FIX7	Foro centrale del pallet
24	1	FST1	FASTON VERT.
25	1	L1	filo 2 mm in ferrite
26	1	L2	6 sp. 1mm d. 4,5
27	1	L3	Link a U 60 mm d. 12 mm
28	1	L4	10 sp 2 mm d. 6 mm
29	1	L5	Link a U 40 mm d. 11 mm
30	3	PZ1, PZ2, PZ3	Piaz.
31	1	Q1	1/2 SD 2932
32	1	Q2	1/2 SD2932
33	1	RV1	1 k
34	2	R2, R1	22 R 1 W
35	1	R3	100 ohm
36	1	R4	270 ohm
37	1	R5	1 k
38	1	R6	8k2
39	3	R9, R10, R11	120 ohm
40	1	R13	1,5 k
41	1	R15	1 nF 1206
42	2	R16, R17	2,2 ohm 2512
43	2	TL2, TL1	20x7 mm
44	2	TL3, TL4	10x7 mm
45	1	CS1	CSRF0031R1

	NOME PROGETTO: TEX1000LCD	NOME PARTE: FINALE TEX/PJ1000 3U			
	AUTORE: L. GASPERINI	DATA: 26/04/2005	REVISIONE: 1.0	SCALA: 1:1	SIZE: A4
ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"	CODICE PROGETTO: 010	CODICE DISEGNO: SL010RF1001			
MATERIALE: <>	TRATTAMENTO: <>	PROFILO: <>	STATO: ESECUTIVO		



Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010	
Nome PC in Rete: \\\UT_SRV\PROGETTI		Revisione: 1.1		Nome Parte: SCHEDA COMBINER	
File/Cartella: \\MANUAL\TEX1000\SLCMBPJ1KC1\combiner.dwg		Autorizzazione:		Codice: SLCMBPJ1KC1	

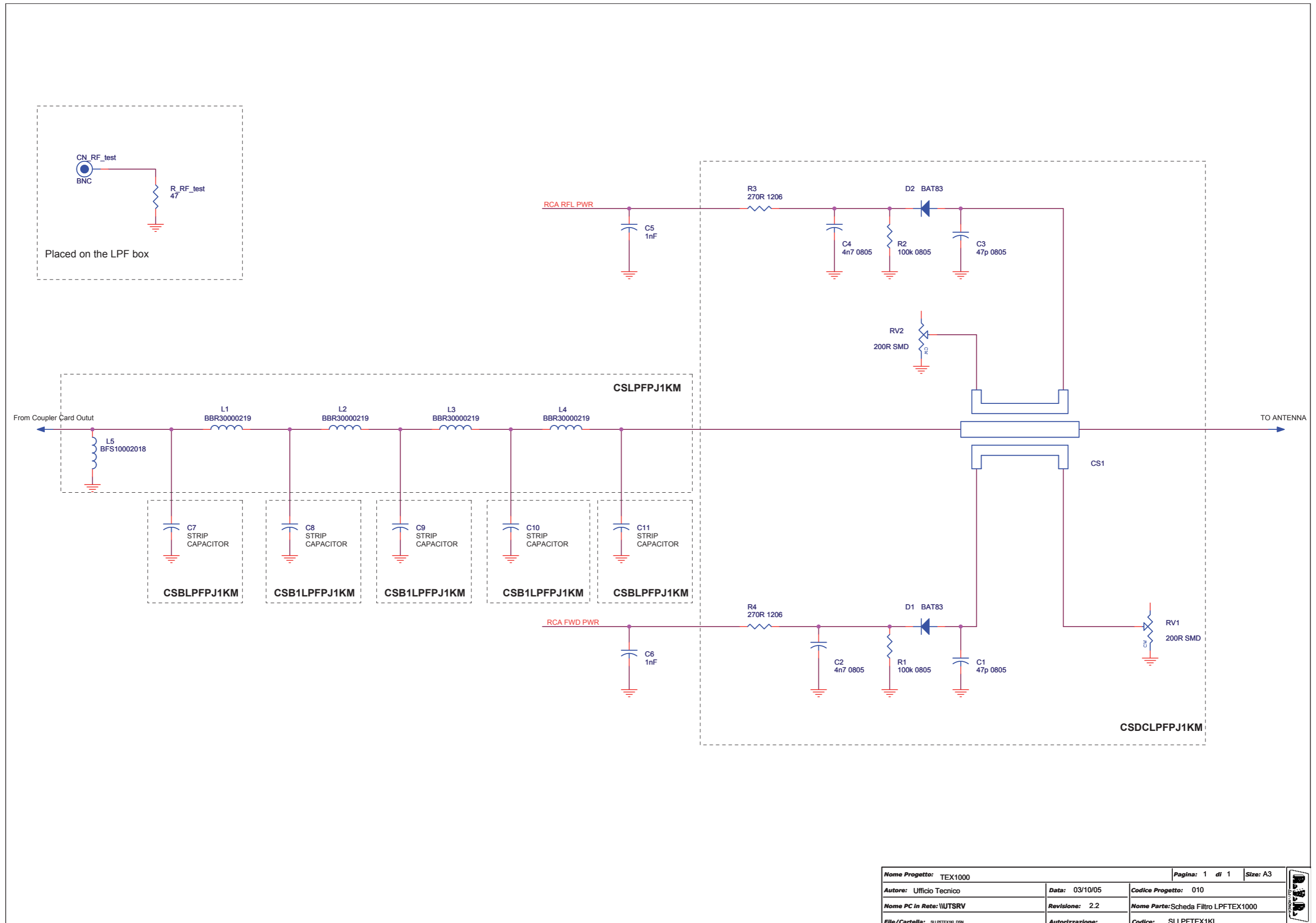


Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010	
Nome PC in Rete: \\\UT_SRV\PROGETTI		Revisione: 1.1		Nome Parte: SCHEDA COMBINER COMPONENT LAYOUT	
File/Car-tella: \\MANUAL\TEX1000\SLCMBPJ1KC1\combiner.dwg		Autorizzazione:		Codice: SLCMBPJ1KC1	
Scala:	Metri	Trattamento:	/	Profilo:	/

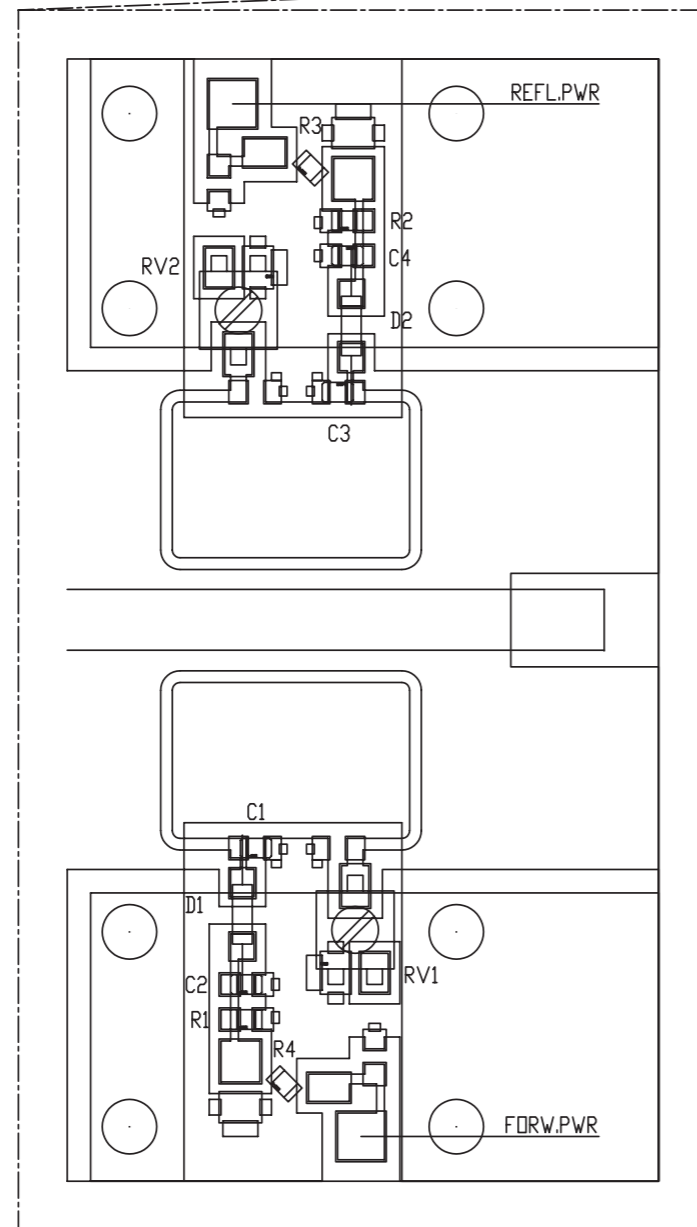
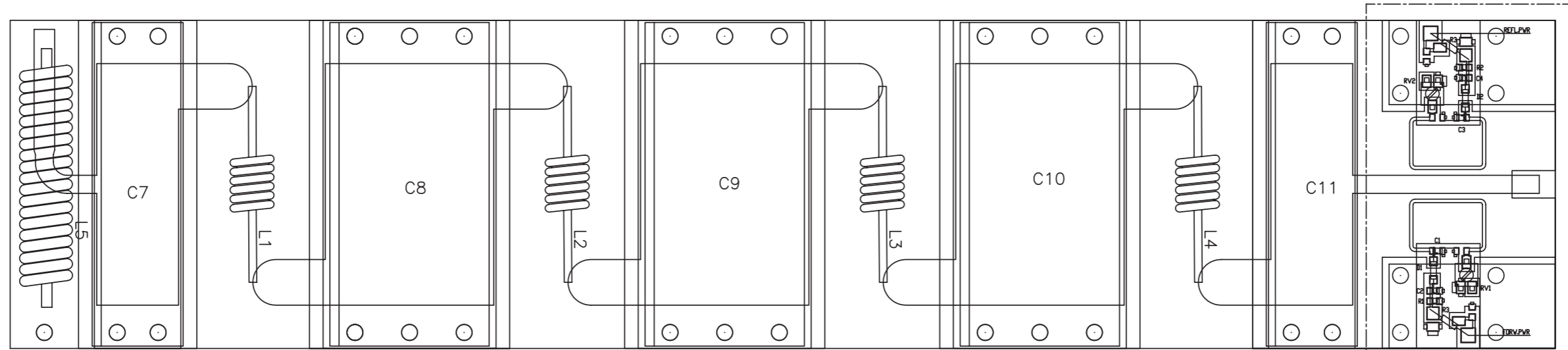
SCHEDA COMBINER Date: Monday, September 15, 2003  
SLCMBPJ1KC1 Revision: 1.1  
TEX1000

Ufficio Tecnico

Item	Quantity	Reference	Part
1	1	PAD1	PALLET1
2	1	PAD2	PALLET2
3	1	PAD3	PALLET3
4	1	PAD4	PALLET4
5	1	PAD5	FILTRO
6	3	R1, R2, R3	100H_250W
7	6	TL1, TL2, TL3, TL4, TL5, TL6	70,7H



Nome Progetto: TEX1000	Pagina: 1 di 1	Size: A3
Autore: Ufficio Tecnico	Data: 03/10/05	Codice Progetto: 010
Nome PC in Rete: \WTSRV	Revisione: 2.2	Nome Parte: Scheda Filtro LPFTEX1000
File/Cartella: SLLPFTEX1KL.DSN	Autorizzazione:	Codice: SLLPFTEX1KL



Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A3
Autore: Ufficio Tecnico		Data: 09/09/03	Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 2.2	Nome Parte: LPF + DIRECTIONAL COUPLER	
File/Cartella: MANUALI\TEX1000\SLLPFTEX1KL\LPF.DWG		Autorizzazione:	Codice: SLLPFTEX1KL	
Scala: /	Materiale: /	Trattamento: /	Profilo: /	



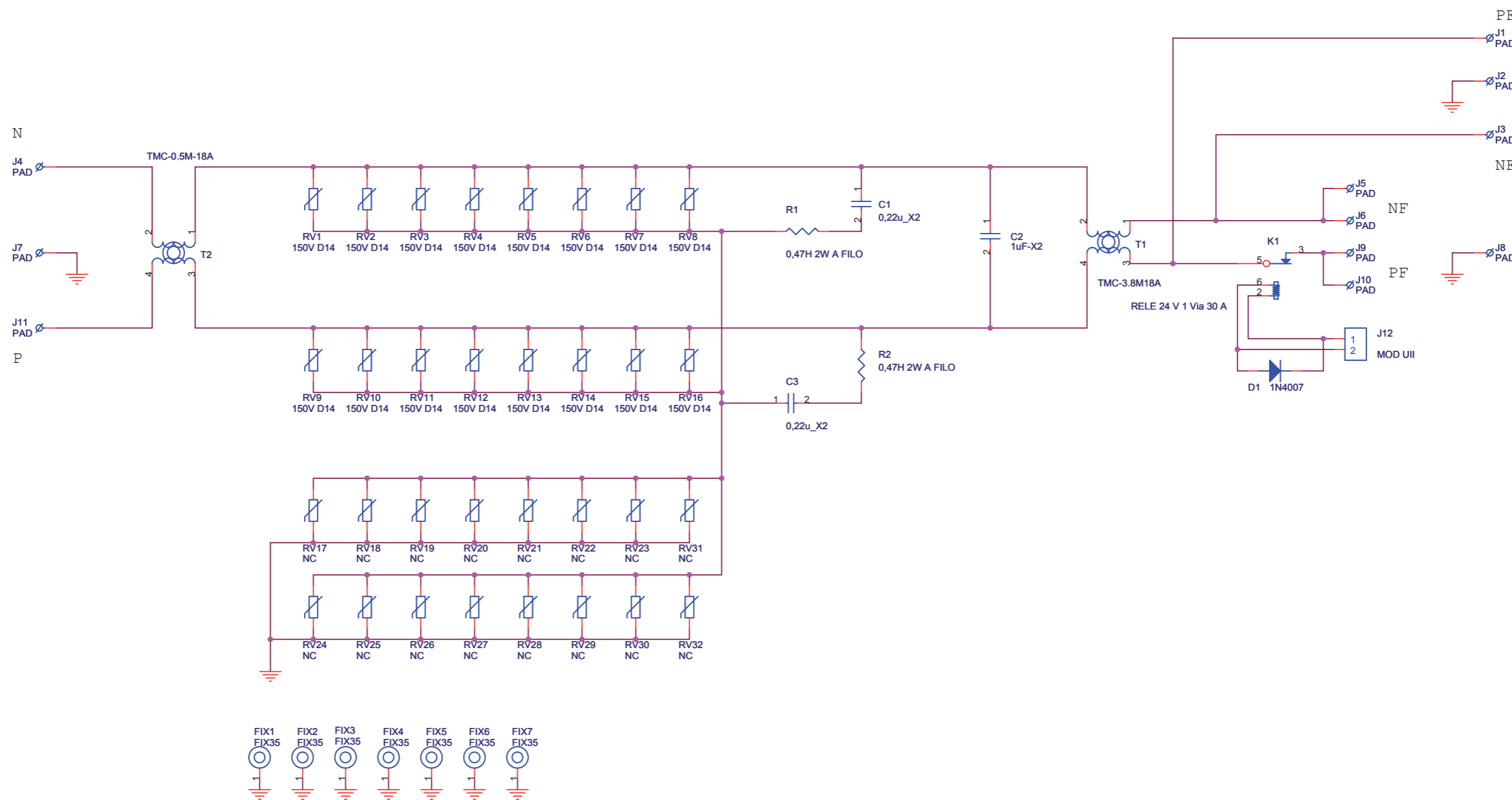
Scheda Filtro LPFTEX1000 Revised: 03/10/2005  
SLLPFTEX1KL Revision: 2.2  
TEX1000

Item	Quantity	Reference	Part
1	1	L5	BFS10002018
2	1	CS1	CSDRCPJ1KM
3	2	C3, C1	47p 0805
4	2	C4, C2	4n7 0805
5	2	C5, C6	1nF
6	2	C7, C11	27pFTFL
7	3	C8, C9, C10	54pFTFL
8	2	D2, D1	BAT83
9	4	L1, L2, L3, L4	BBR30000219
10	2	RV2, RV1	200R SMD
11	2	R2, R1	100k 0805
12	2	R3, R4	270R 1206

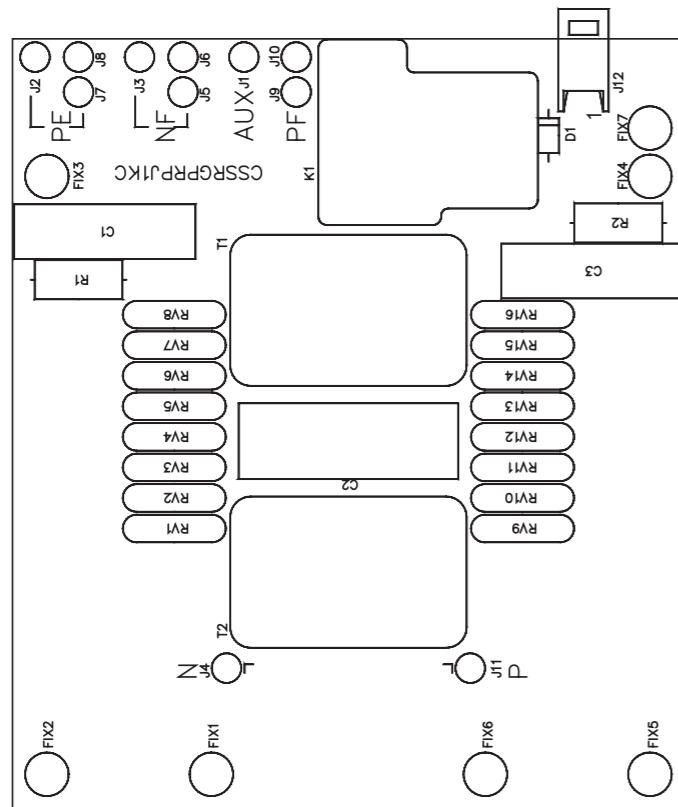
**This components are placed on the LPF box**

Item	Quantity	Reference	Part	Code
1	1	CN_RF_test	BNC	CNTBNCFPV
2	1	R_RF_test	47H 2W	RSM002J0047H





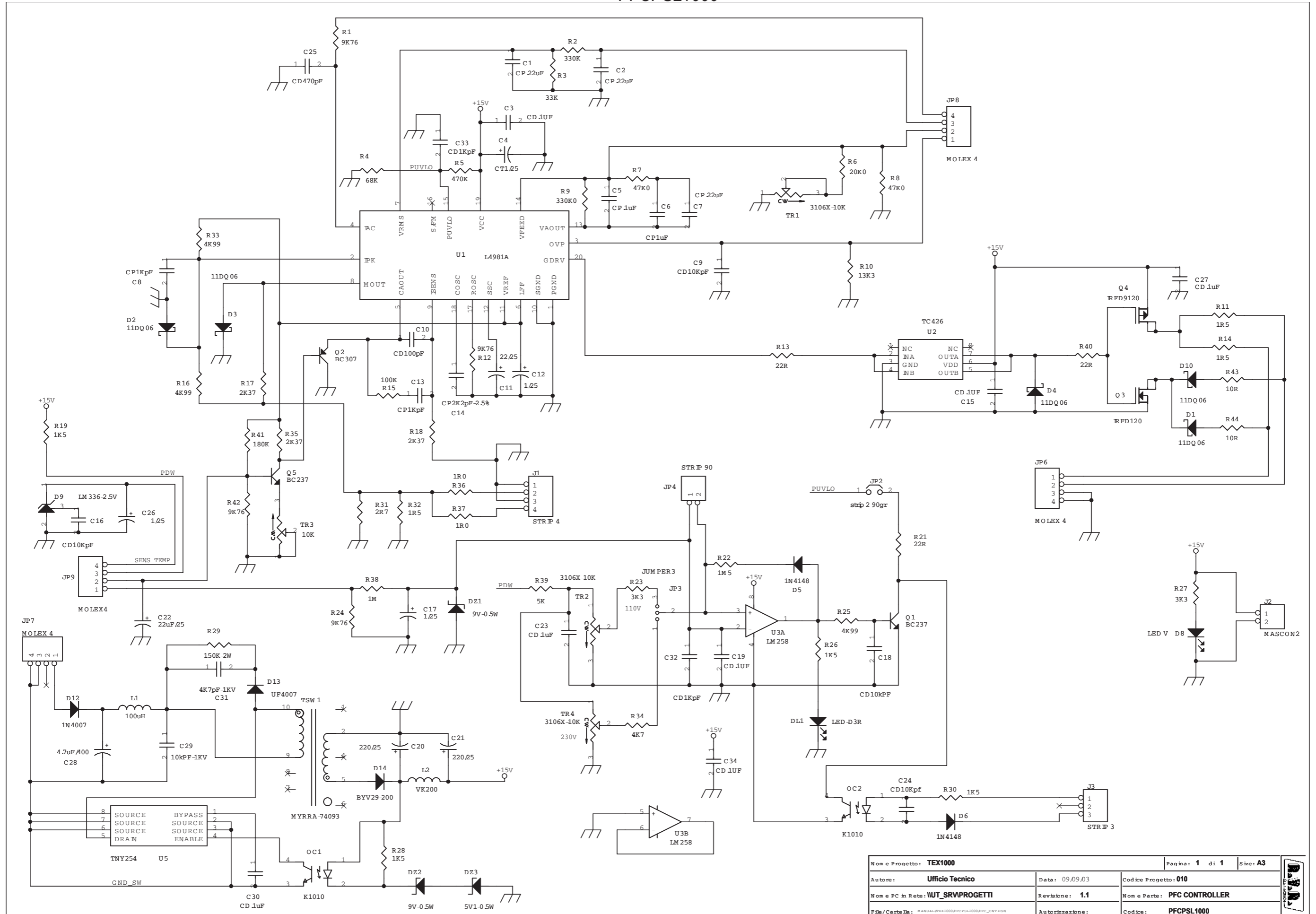
Nome Progetto: TEX1000LCD		Pagina: 1 di 1	Size: A3
Autore: Gasperini	Data: 22/11/05	Codice Progetto: 010	
Nome PC in Rete: \UTSRV\PROGETTI	Revisione: 1.1	Nome Parte: Scheda Surge Protection	
File/Cartella: \	Autorizzazione:	Codice: SLSRGPRPJ1KM	

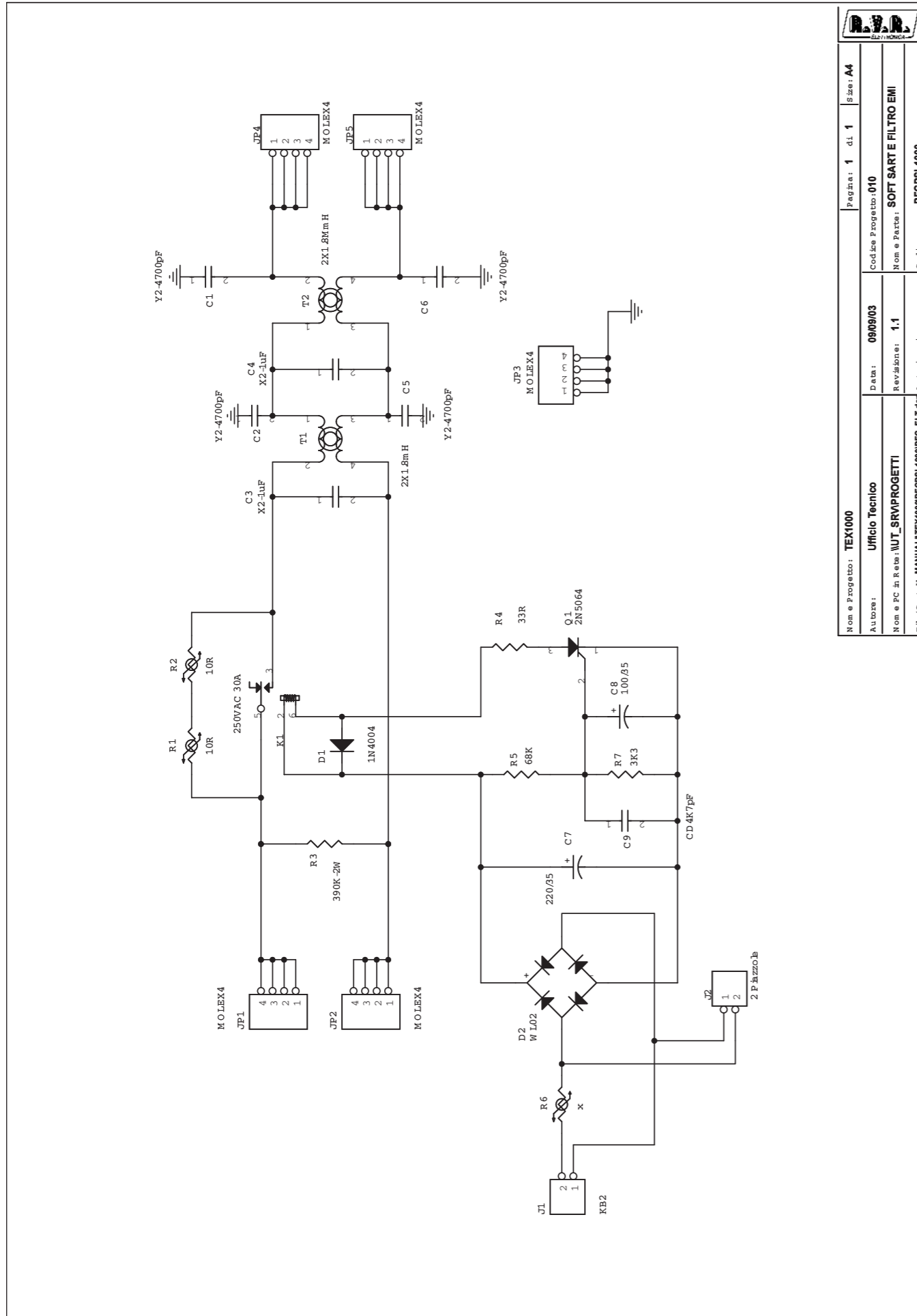


Nome Progetto: TEX1000	Dimensioni: 1 di 1
Autore: Ufficio Tecnico	Scala: A4
Nome PC in Rete: \\UTSRV\PROGETTI	Codice Progetto: 010
File/Cariciale: /	Nome Parte: Surge Protection Component Layout
Scale: /	Codice: SLSRGPRPJ1KM
Materiali: /	Profilo: /
Autore: /	Revisione: 1.2
Trattamento: /	Data: 22/11/2005
	Autore: /

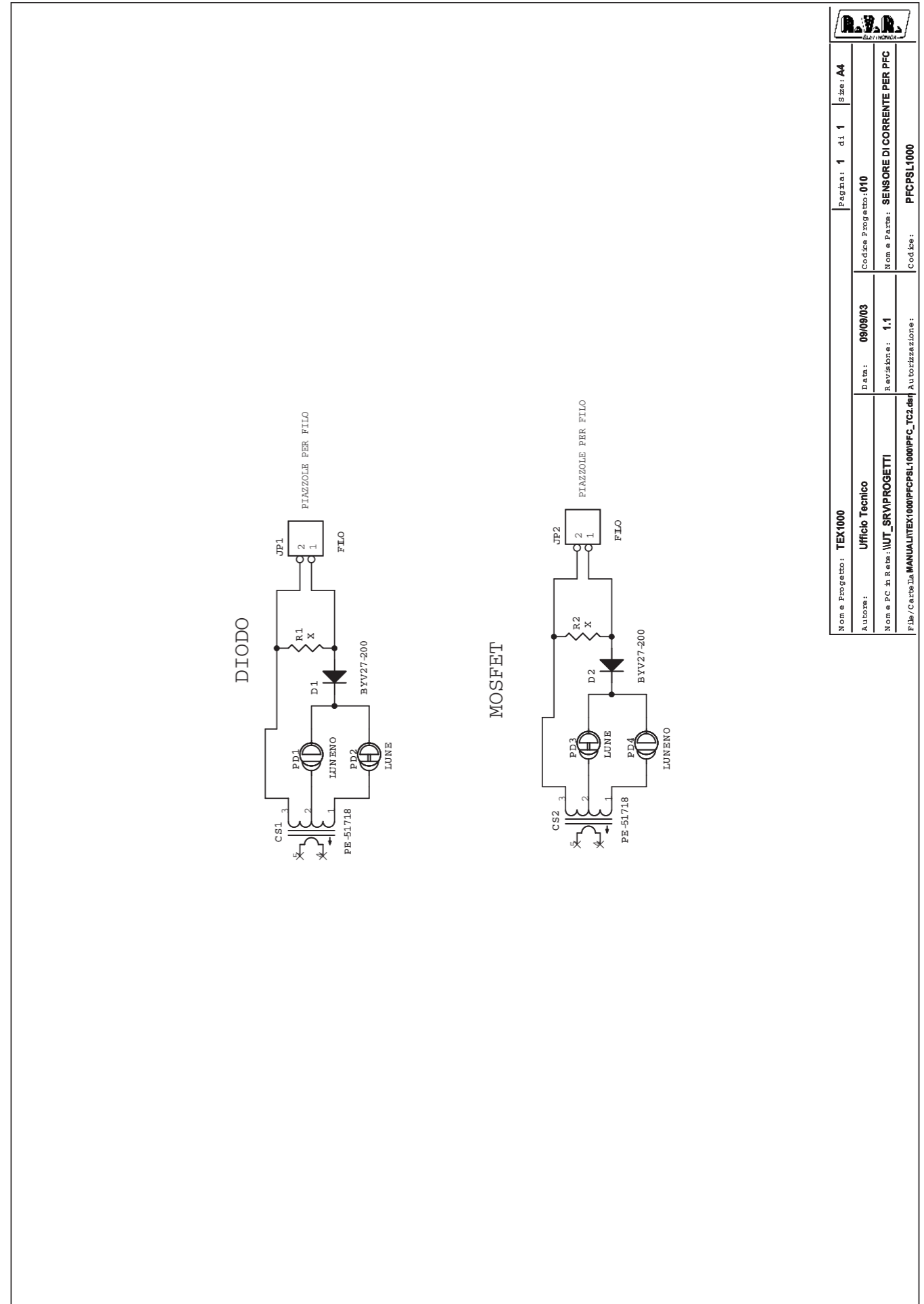
Scheda Surge Protection Revised: 22/11/2005  
 SLSRGPRPJ1KM Revision: 1.1  
 TEX1000

Item	Quantity	Reference	Part
1	2	C1, C3	0,22u_X2
2	1	C2	1uF-X2
3	1	D1	1N4007
4	7	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7	FIX35
5	11	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11	PAD
6	1	J12	MOD UII
7	1	K1	RELE 24 V 1 Via 30 A
8	16	RV1, RV2, RV3, RV4, RV5, RV6, RV7, RV8, RV9, RV10, RV11, RV12, RV13, RV14, RV15, RV16	150V D14
9	2	R2, R1	0,47H 2W A FILO
10	1	T1	TMC-3.8M18A
11	1	T2	TMC-0.5M-18A

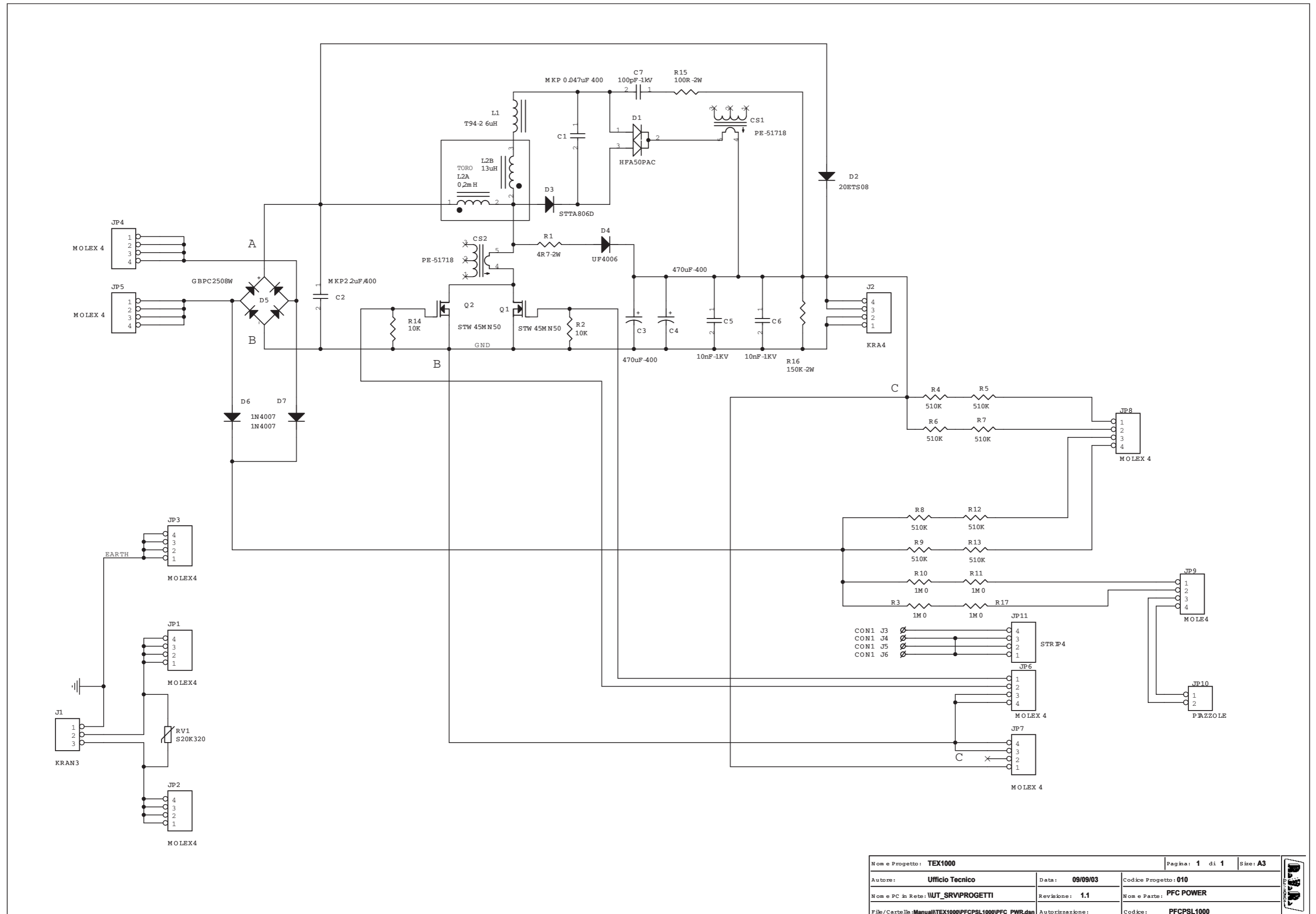




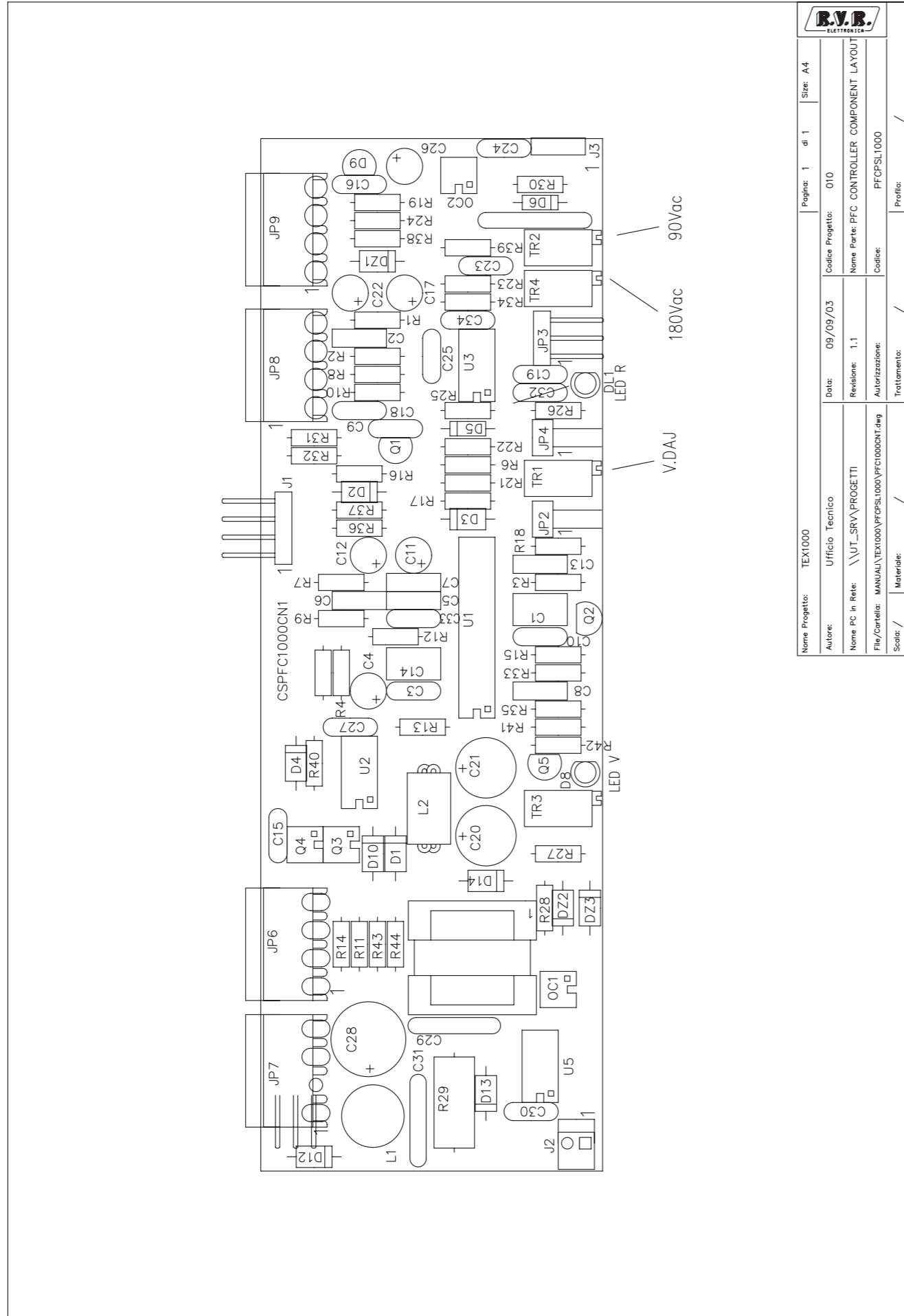
Nome Progetto: <b>TEX1000</b>	Pagina: <b>1</b> di <b>1</b> Size: <b>A4</b>
Autore: <b>Ufficio Tecnico</b>	Data: <b>09/09/03</b>
Nome e PC in Rev: <b>UT_SRVPROGETTI</b>	Codice Progetto: <b>010</b>
File/Cartella <b>MANUALI\TEX1000\PFCPSL1000\PFC_FLT.dwg</b>	Nome e Parte: <b>SOFT SART E FILTRO EMI</b>
	Revisione: <b>1.1</b>
	Autore/Revisione: <b>PFCPSL1000</b>



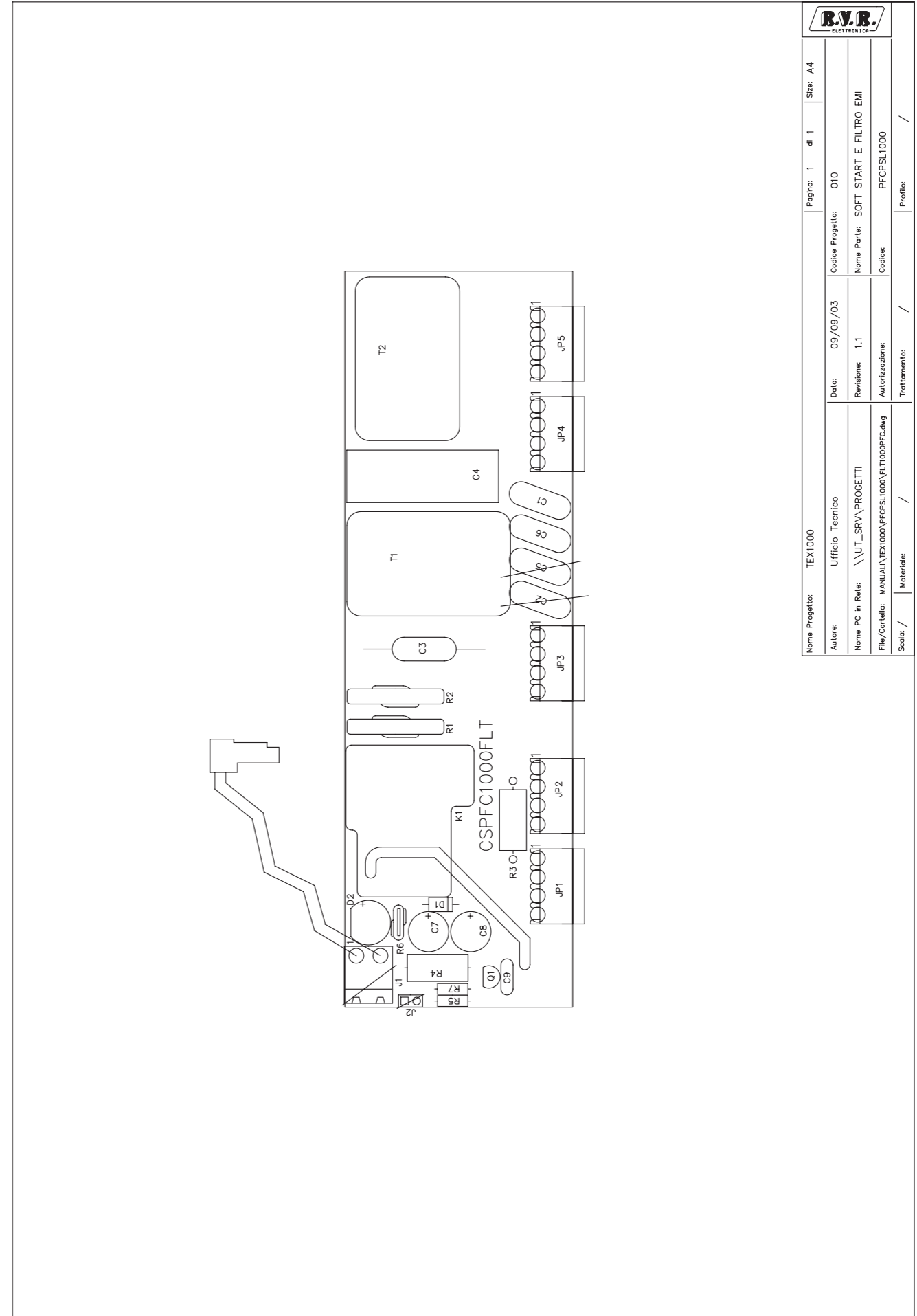
Nome Progetto: <b>TEX1000</b>	Pagina: <b>1</b> di <b>1</b> Size: <b>A4</b>
Autore: <b>Ufficio Tecnico</b>	Data: <b>09/09/03</b>
Nome e PC in Rev: <b>UT_SRVPROGETTI</b>	Codice Progetto: <b>010</b>
File/Cartella <b>MANUALI\TEX1000\PFCPSL1000\PFC_TC2.dwg</b>	Nome e Parte: <b>SENSORE DI CORRENTE PER PFC</b>
	Revisione: <b>1.1</b>
	Autore/Revisione: <b>PFCPSL1000</b>



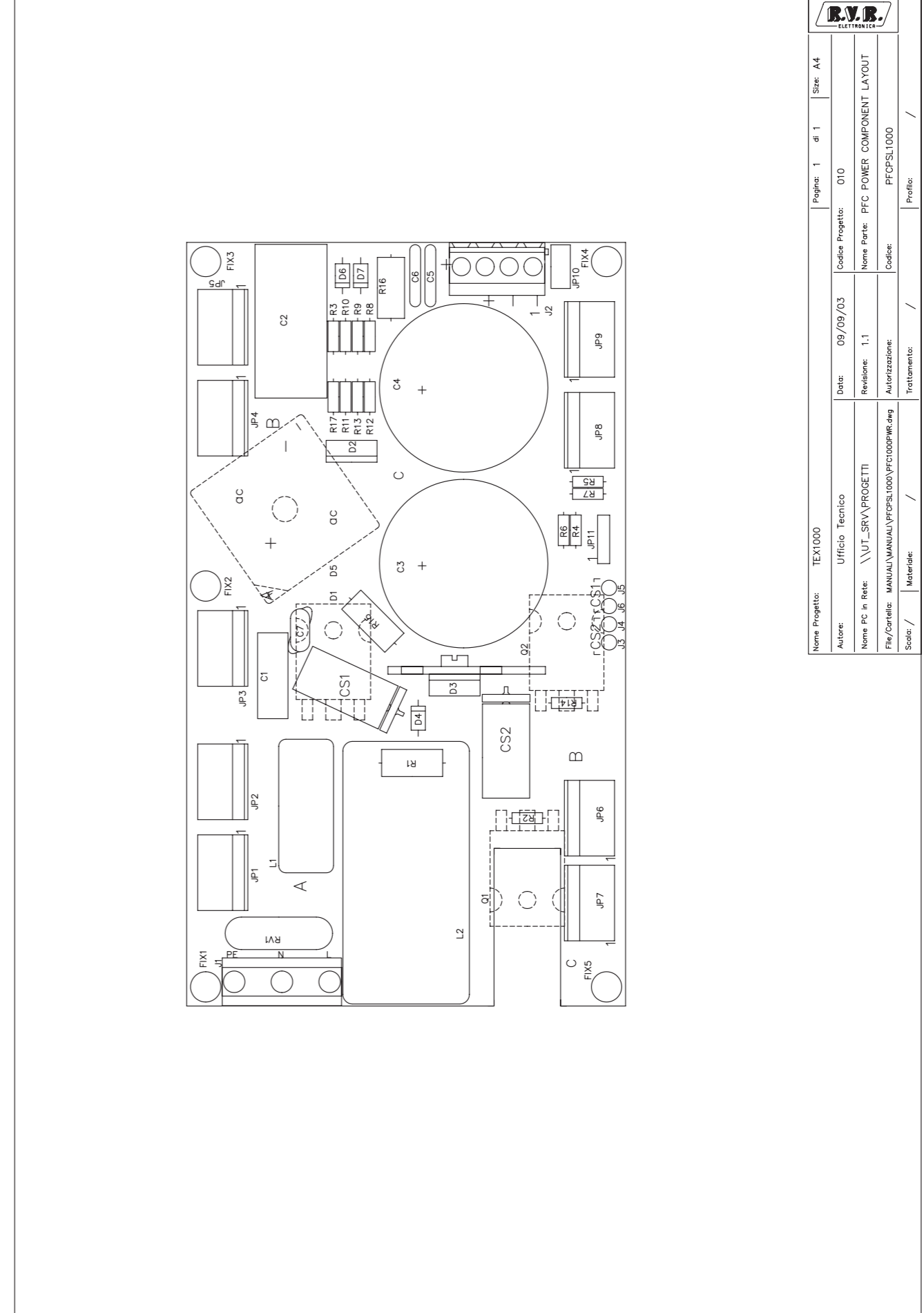
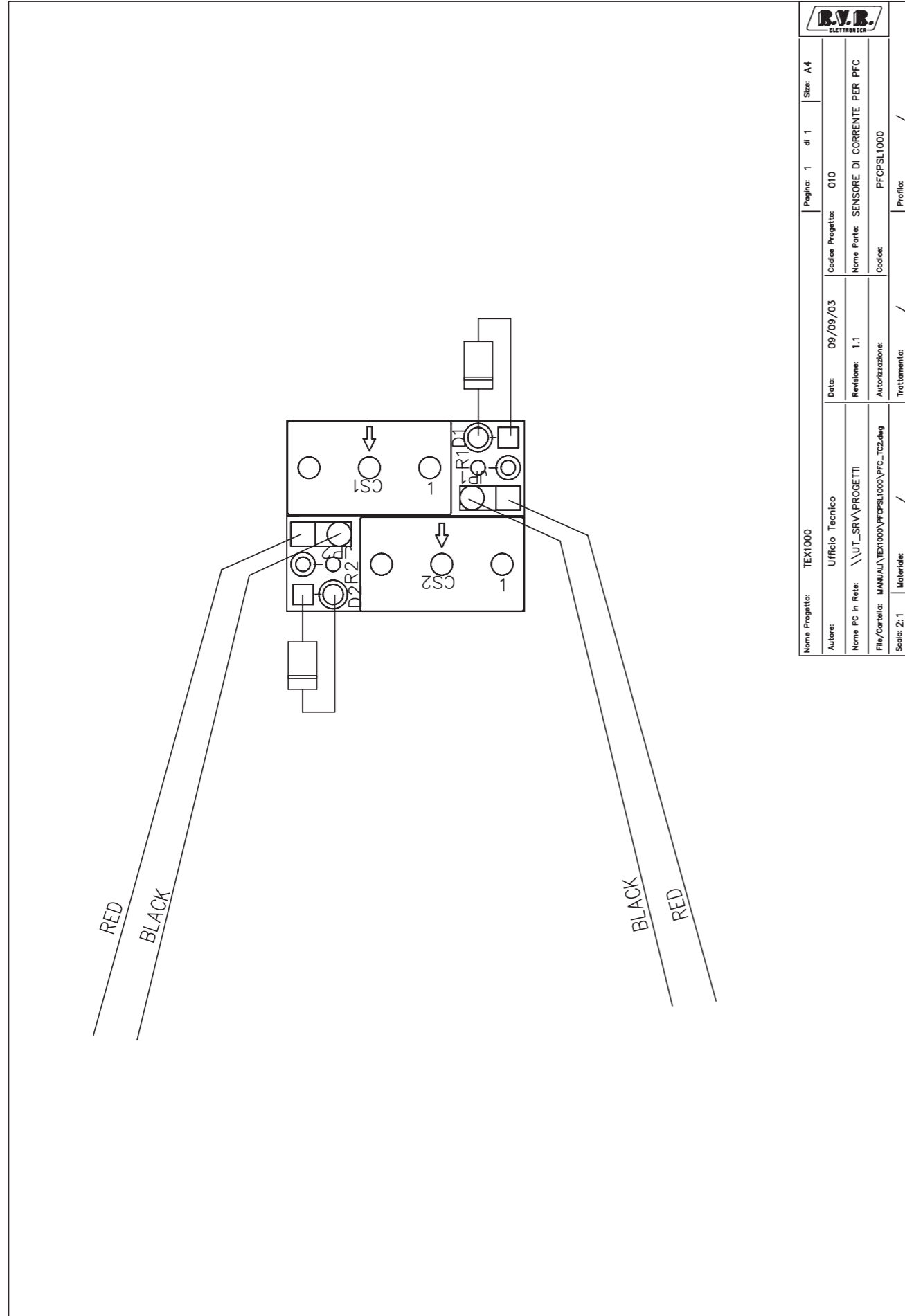
Nome Progetto: <b>TEX1000</b>		Pagina: <b>1</b> di <b>1</b>		Size: <b>A3</b>
Autore: <b>Ufficio Tecnico</b>	Data: <b>09/09/03</b>	Codice Progetto: <b>010</b>		
Nome PC in Rete: <b>\WUT_SRVPROGETTI</b>	Revisione: <b>1.1</b>	Nome Parte: <b>PFC POWER</b>		
File/Cartella: <b>Manual\TEX1000\PFCPSL1000\PFC_PWR.dsn</b>	Autorizzazione:	Codice: <b>PFCPSL1000</b>		



Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 1.1		Nome Parte: PFC CONTROLLER COMPONENT LAYOUT	
File/Cartella: MANUAL\TEX1000\PFCPSL1000\PFC1000CN1.dwg		Autorizzazione:		Codice: PFCPSL1000	
Scala: /		Materiale: /		Trattamento: /	
				Profilo: /	



Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 1.1		Nome Parte: SOFT START E FILTRO EMI	
File/Cartella: MANUAL\TEX1000\PFCPSL1000\VT1000PFC.dwg		Autorizzazione:		Codice: PFCPSL1000	
Scala: /		Materiale: /		Trattamento: /	
				Profilo: /	



PFC CONTROLLER Revised: Tuesday, September 16, 2003  
PFCPSL1000 Revision: 1.1  
TEX1000

Item	Quantity	Reference	Part
1	3	C1,C2,C7	CP 22uF
2	7	C3,C15,C19,C23,C27,C30,C34	CD 1uF
3	1	C4	CT1/25
4	1	C5	CP 1uF
5	1	C6	CP1uF
6	2	C8,C13	CP1KpF
7	4	C9,C16,C18,C24	CD10KpF
8	1	C10	CD100pF
9	1	C11	22/25
10	3	C12,C17,C26	gen-25
11	1	C14	CP2K2pF-2.5%
12	2	C21,C20	220/25
13	1	C22	22uF/25
14	1	C25	CD470pF
15	1	C28	4.7uF/400
16	1	C29	10kPF-1KV
17	1	C31	4K7pF-1KV
18	2	C33,C32	CD1KpF
19	1	DL1	LED-D3R
20	2	DZ1,DZ2	9V-0.5W
21	1	DZ3	5V1-0.5W
22	5	D1,D2,D3,D4,D10	11DQ06
23	2	D6,D5	1N4148
24	1	D8	LED V
25	1	D9	LM336-2.5V
26	1	D12	1N4007
27	1	D13	UF4007
28	1	D14	BYV29-200
29	1	JP2	strip 2 90gr
30	1	JP3	JUMPER3
31	1	JP4	STRIP 90
32	3	JP6,JP7,JP8	MOLEX 4
33	1	JP9	MOLEX4
34	1	J1	STRIP 4
35	1	J2	MASCON2
36	1	J3	STRIP 3
37	1	L1	100uH
38	1	L2	VK200
39	2	OC2,OC1	K1010
40	2	Q1,Q5	BC237
41	1	Q2	BC307
42	1	Q3	IRFD120
43	1	Q4	IRFD9120
44	4	R1,R12,R24,R42	9K76
45	1	R2	330K
46	1	R3	33K
47	1	R4	68K
48	1	R5	470K
49	1	R6	20K0

Item	Quantity	Reference	Part
50	2	R8,R7	47K0
51	1	R9	330K0
52	1	R10	13K3
53	3	R11,R14,R32	1R5
54	3	R13,R21,R40	22R
55	1	R15	100K
56	3	R16,R25,R33	4K99
57	3	R17,R18,R35	2K37
58	4	R19,R26,R28,R30	1K5
59	1	R22	1M5
60	2	R23,R27	3K3
61	1	R29	150K-2W
62	1	R31	2R7
63	1	R34	4K7
64	2	R36,R37	1R0
65	1	R38	1M
66	1	R39	5K
67	1	R41	180K
68	2	R43,R44	10R
69	3	TR1,TR2,TR4	3106X-10K
70	1	TR3	10K
71	1	TSW 1	MYRRA-74093
72	1	U1	L4981A
73	1	U2	TC426
74	1	U3	LM258
75	1	U5	TNY254



SOFT SART E FILTRO EMI Revised: Tuesday, September 16, 2003  
PFCPSL1000 Revision: 1.1  
TEX1000

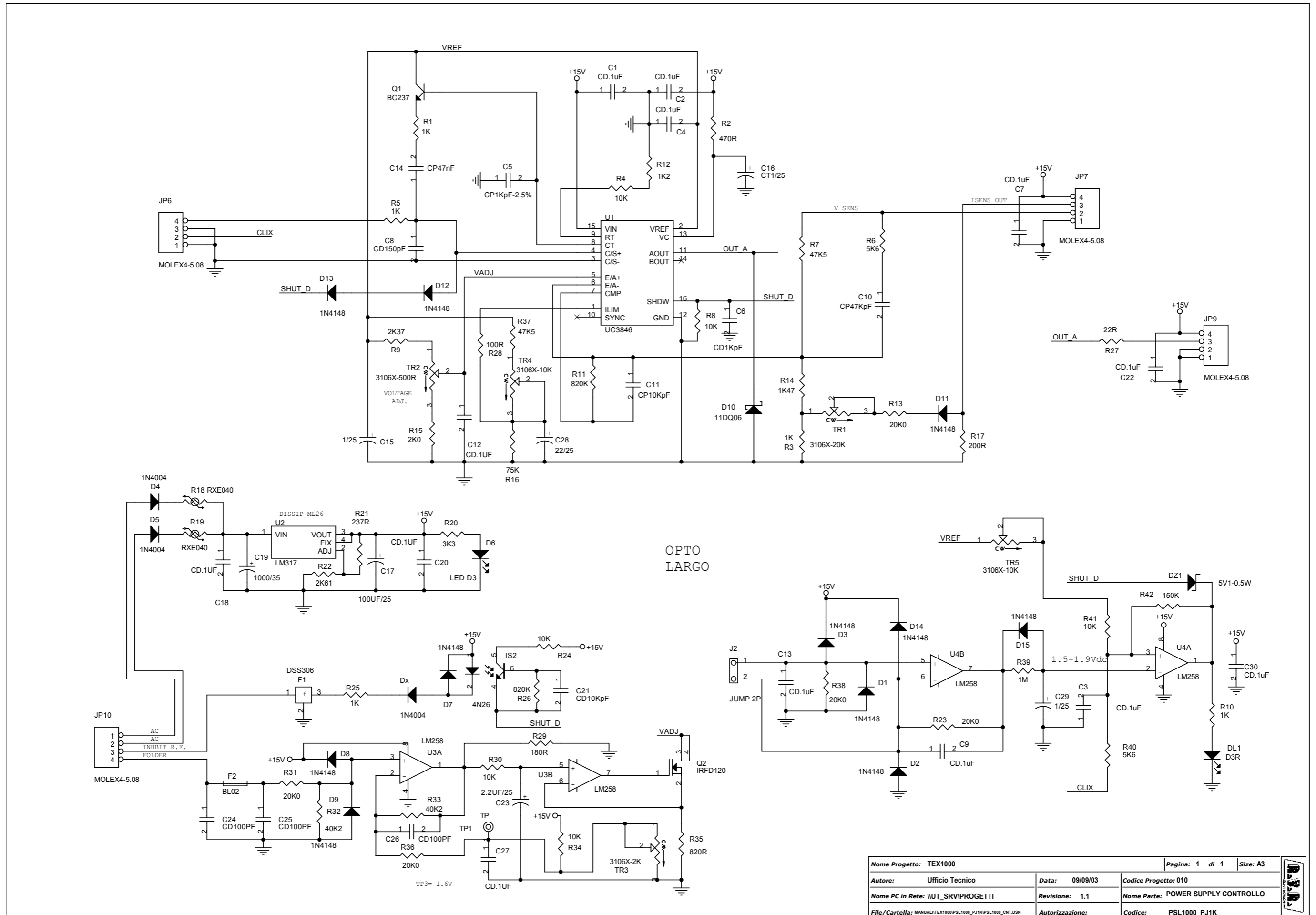
Item	Quantity	Reference	Part
1	4	C1,C2,C5,C6	Y2-4700pF
2	2	C4,C3	X2-1uF
3	1	C7	220/35
4	1	C8	100/35
5	1	C9	CD4K7pF
6	1	D1	1N4004
7	1	D2	W L02
8	5	JP1,JP2,JP3,JP4,JP5	M OLEX4
9	1	J1	KB2
10	1	J2	2 P i a z z o l e
11	1	K1	250VAC 30A
12	1	Q1	2N5064
13	2	R2,R1	10R
14	1	R3	390K-2W
15	1	R4	33R
16	1	R5	68K
17	1	R6	x
18	1	R7	3K3
19	1	T1	2X1.8m H
20	1	T2	2X1.8M m H

SENSORE D ICORRENTE PER PFC Revised: Tuesday, September 16, 2003  
PFCPSL1000 Revision: 1.1  
TEX1000

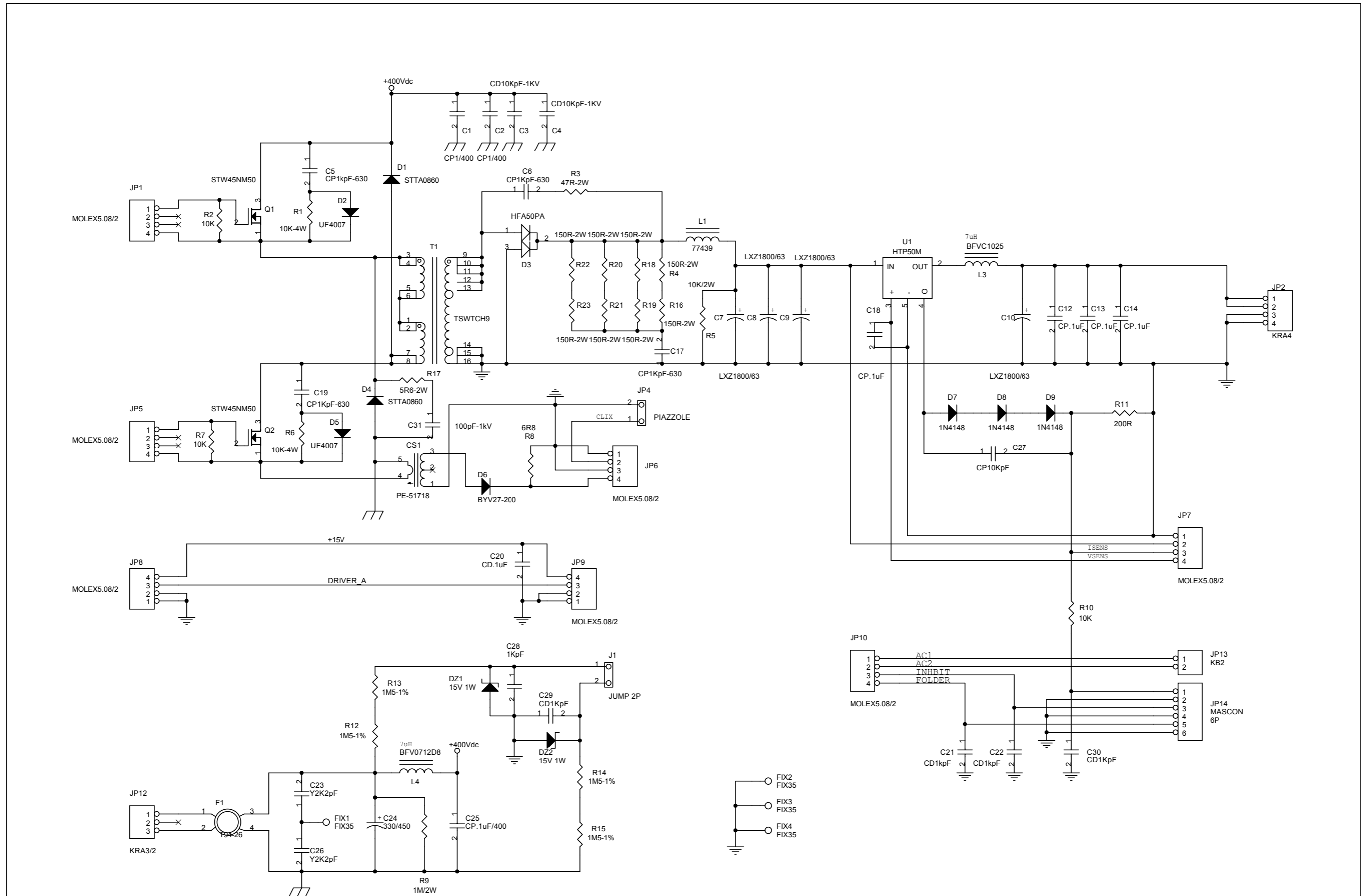
Item	Quantity	Reference	Part
1	2	CS1,CS2	PE-51718
2	2	D2,D1	BYV27-200
3	2	JP1,JP2	FLO
4	2	PD1,PD4	LUNENO
5	2	PD2,PD3	LUNE
6	2	R2,R1	X

PFC POWER Revised: Tuesday, September 16, 2003  
PFCPSL1000 Revision: 1.1  
TEX1000

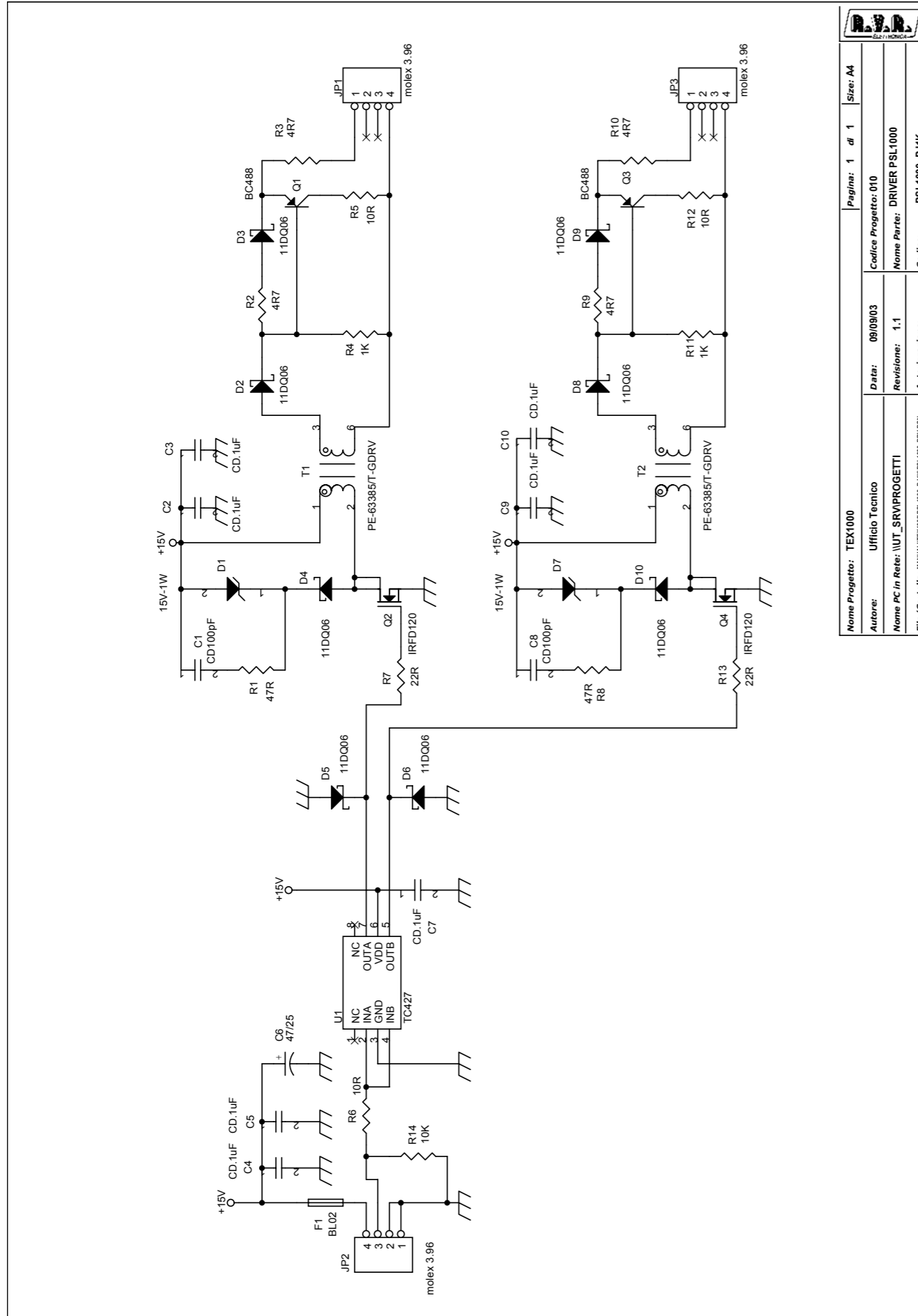
Item	Quantity	Reference	Part
1	2	CS2, CS1	PE-51718
2	1	C1	MKP 0.047uF 400
3	1	C2	MKP2.2uF 400
4	2	C4, C3	470uF-400
5	2	C5, C6	10nF-1KV
6	1	C7	100pF-1KV
7	1	D1	HFA50PAC
8	1	D2	20ETS08
9	1	D3	STTA806D
10	1	D4	UF4006
11	1	D5	GBPC2508W
12	2	D7, D6	1N4007
13	3	JP1, JP2, JP3	MOLEX4
14	5	JP4, JP5, JP6, JP7, JP8	MOLEX 4
15	1	JP9	MOLEX4
16	1	JP10	PAZZOLE
17	1	JP11	STRIP4
18	1	J1	KRAN3
19	1	J2	KRA4
20	4	J3, J4, J5, J6	CON1
21	1	L1	T94-2 6uH
22	1	L2	0,2mH
23	2	Q2, Q1	STW 45MN50
24	1	RV1	S20K320
25	1	R1	4R7-2W
26	2	R14, R2	10K
27	4	R3, R10, R11, R17	1M0
28	8	R4, R5, R6, R7, R8, R9, R12, R13	510K
29	1	R15	100R-2W
30	1	R16	150K-2W



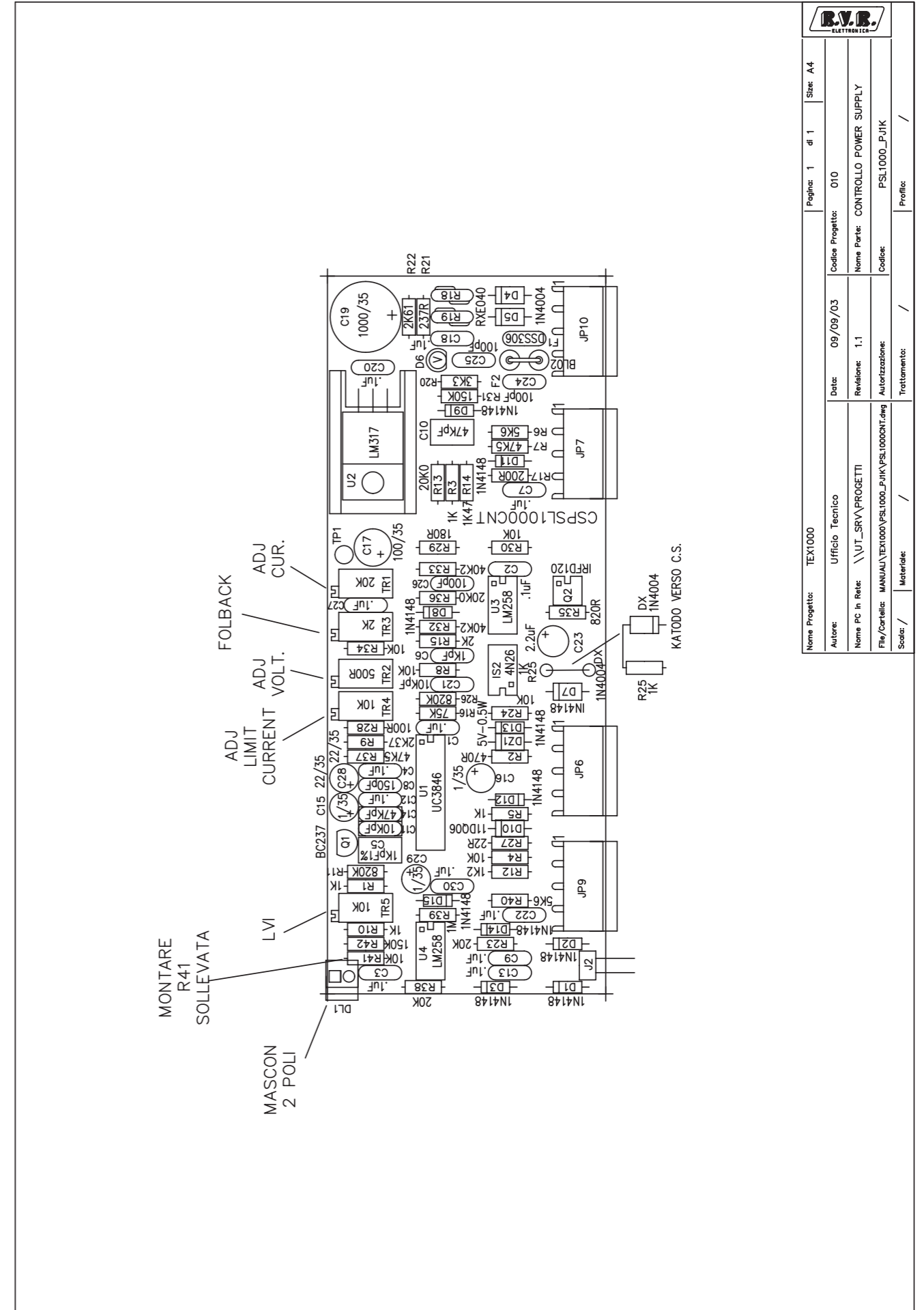
Nome Progetto: TEX1000	Pagina: 1 di 1	Size: A3
Autore: Ufficio Tecnico	Data: 09/09/03	Codice Progetto: 010
Nome PC in Rete: \UT_SRV\PROGETTI	Revisione: 1.1	Nome Parte: POWER SUPPLY CONTROLLO
File/Cartella: MANUAL\TEX1000\PSL1000_PJ1K\PSL1000_CNT.DSN	Autorizzazione:	Codice: PSL1000_PJ1K



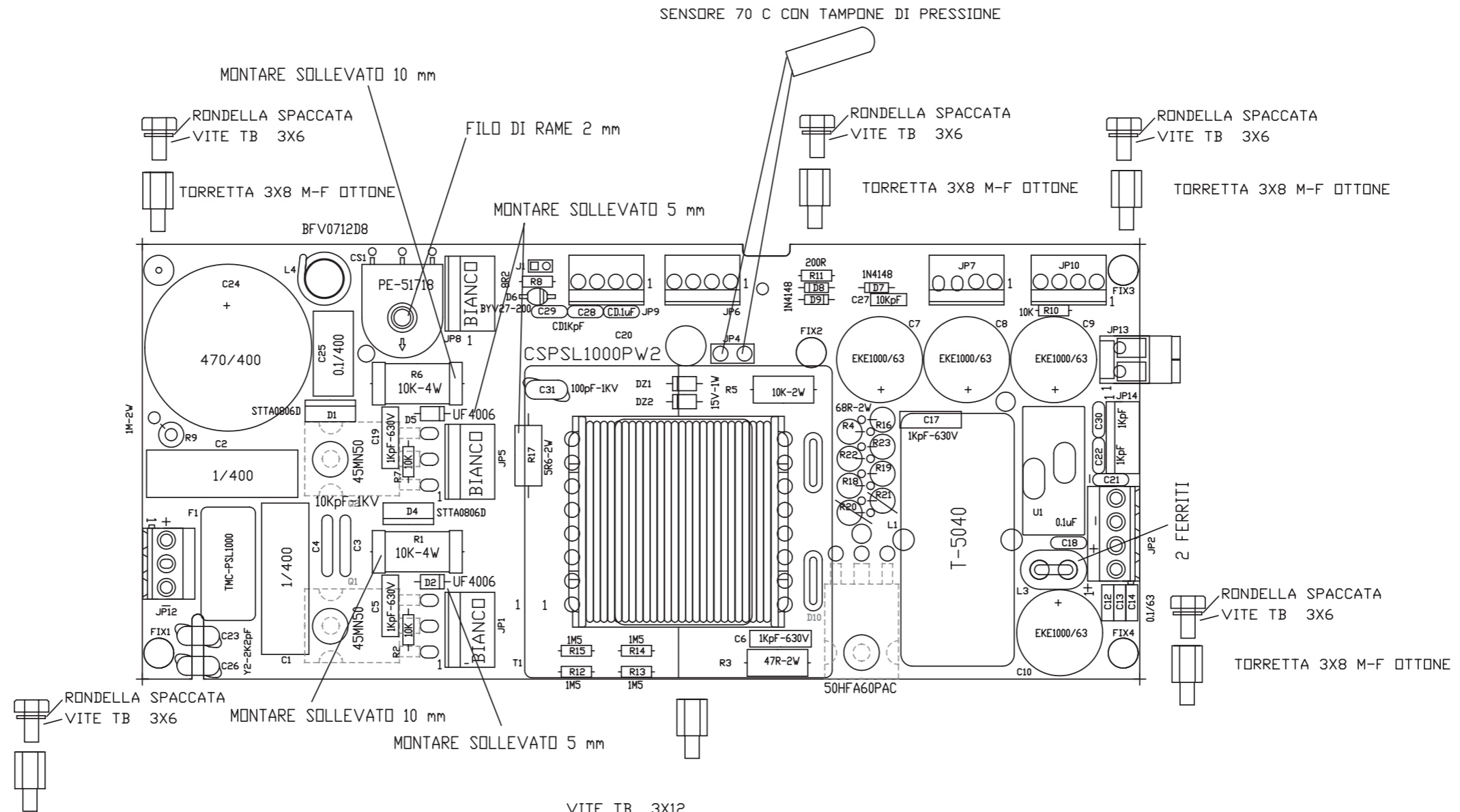
Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A3
Autore: Ufficio Tecnico	Data: 09/09/03	Codice Progetto: 010		
Nome PC in Rete: \\\UT_SRV\PROGETTI		Revisione: 2.1	Nome Parte: POWER SECTION PSL1000	
File/Cartella: MANUAL\TEX1000\PSL1000_PJ1K\PSL1000_PWR_SM.DSN		Autorizzazione:	Codice: PSL1000_PJ1K	



Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010	
Nome PC in Rete: \UT_SRV\PROGETTI		Revisione: 1.1		Nome Parte: DRIVER PSL1000	
File/Cartella: MANUALE\TEX1000\PSL1000_PJ1K\PSL1000_DRV.DSN		Autorizzazione:		Codice: PSL1000_PJ1K	

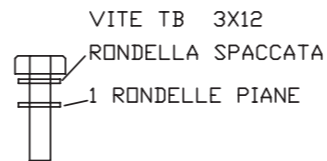


Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010	
Nome PC in Rete: \UT_SRV\PROGETTI		Revisione: 1.1		Nome Parte: CONTROLLO POWER SUPPLY	
File/Caricella: MANUALE\TEX1000\PSL1000_PJ1K\PSL1000_DRV.DSN		Autorizzazione:		Codice: PSL1000_PJ1K	
Scat: /		Materiale: /		Trattamento: /	
Profilo: /		/		/	



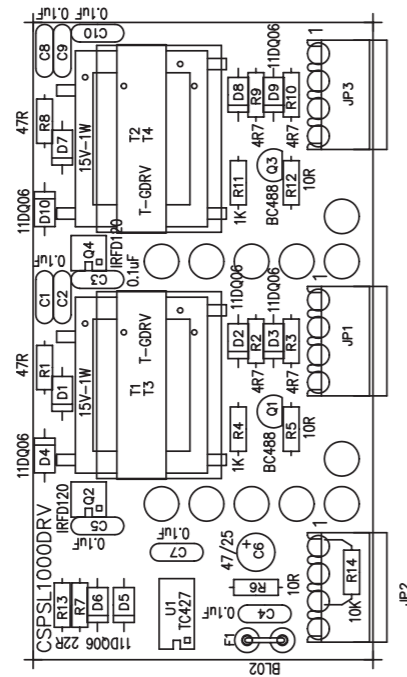
NOTE:

FISSAGGIO MOSFET E DIODI TB 3X12  
SOTTO AI MOS E AL DIODO GRASSO SILIC CON 1 MICA SARCON 25GHR



Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A3
Autore: Ufficio Tecnico		Data: 09/09/03	Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 1.1	Nome Parte: POWER SECTION PSL1000	
File/Cartella: MANUALI\TEX1000\PSL1000_PJ1K\PSL1000MNT_SM.dwg		Autorizzazione:	Codice: PSL1000_PJ1K	
Scala: /	Materiale: /	Trattamento: /	Profilo: /	





Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4	
Autore: Ufficio Tecnico		Codice Progetto: 010			
Nome PC in Rete: \\UT_SRV\PROGETTI		Data: 09/09/03		Nome Parte: DRIVER POWER SUPPLY	
File/Cartella: MANU\AU\TEX1000\PSL1000_PJ1K\PSL1000DRV.dwg		Revisione: 1.1		Codice: PSL1000_PJ1K	
Scale: /		Autorizzazione: /		Trattamento: /	
Materiale: /					

POWER SUPPLY CONTROLLO Revised: Tuesday, September 16, 2003  
PSL1000\_PJ1K Revision: 1.1  
TEX1000

Item	Quantity	Reference	Part
1	13	C1, C2, C3, C4, C7, C9, C12, C13, C18, C20, C22, C27, C30	CD.1UF
2	1	C5	CP1KpF-2.5%
3	1	C6	CD1KpF
4	1	C8	CD150pF
5	1	C10	CP47KpF
6	1	C11	CP10KpF
7	1	C14	CP47nF
8	2	C29, C15	gen-25
9	1	C16	CT1/25
10	1	C17	100UF/25
11	1	C19	1000/35
12	1	C21	CD10KpF
13	1	C23	2.2UF/25
14	3	C24, C25, C26	CD100PF
15	1	C28	22/25
16	1	DL1	D3R
17	1	DZ1	5V1-0.5W
18	3	D4, D5, Dx	1N4004
19	11	D1, D2, D3, D7, D8, D9, D11, D12, D13, D14, D15	1N4148
20	1	D6	LED D3
21	1	D10	11DQ06
22	1	F1	DSS306
23	1	F2	BL02
24	1	IS2	4N26
25	4	JP6, JP7, JP9, JP10	MOLEX4-5.08
26	1	J2	JUMP 2P
27	1	Q1	BC237
28	1	Q2	IRFD120
29	5	R1, R3, R5, R10, R25	1K
30	1	R2	470R
31	6	R4, R8, R24, R30, R34, R41	10K
32	2	R6, R40	5K6
33	2	R7, R37	47K5
34	1	R9	2K37
35	2	R26, R11	820K
36	1	R12	1K2
37	5	R13, R23, R31, R36, R38	20K0
38	1	R14	1K47
39	1	R15	2K0
40	1	R16	75K
41	1	R17	200R
42	2	R19, R18	RXE040
43	1	R20	3K3
44	1	R21	237R
45	1	R22	2K61
46	1	R27	22R
47	1	R28	100R
48	1	R29	180R
49	2	R32, R33	40K2

Item	Quantity	Reference	Part
50	1	R35	820R
51	1	R39	1M
52	1	R42	150K
53	1	TP1	TP
54	1	TR1	3106X-20K
55	1	TR2	3106X-500R
56	1	TR3	3106X-2K
57	2	TR5, TR4	3106X-10K
58	1	U1	UC3846
59	1	U2	LM317
60	2	U4, U3	LM258

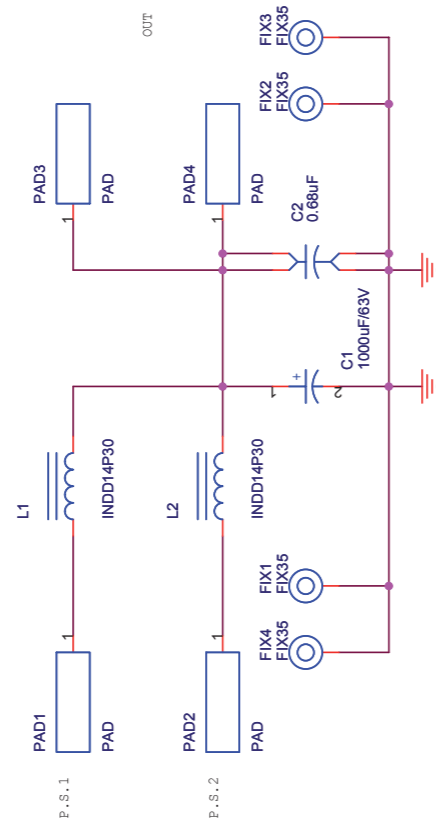
DRIVER PSL1000 Revised: Tuesday, September 16, 2003  
PSL1000\_PJ1K Revision: 1.1  
TEX1000

Item	Quantity	Reference	Part
1	2	C1, C8	CD100pF
2	7	C2, C3, C4, C5, C7, C9, C10	CD.1uF
3	1	C6	47/25
4	2	D7, D1	15V-1W
5	8	D2, D3, D4, D5, D6, D8, D9, D10	11DQ06
6	1	F1	BL02
7	3	JP1, JP2, JP3	molex 3.96
8	2	Q3, Q1	BC488
9	2	Q4, Q2	IRFD120
10	2	R1, R8	47R
11	4	R2, R3, R9, R10	4R7
12	2	R4, R11	1K
13	3	R5, R6, R12	10R
14	2	R7, R13	22R
15	1	R14	10K
16	2	T1, T2	PE-63385/T-GDRV
17	1	U1	TC427

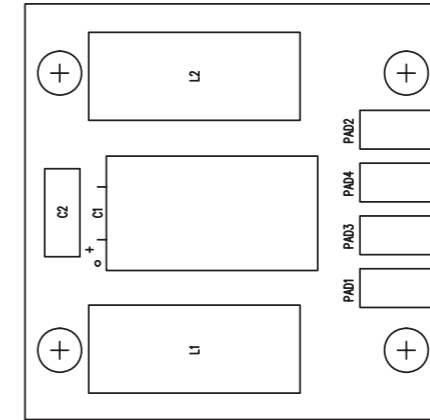


POWER SECTION PSL1000 Revised: Tuesday, September 16, 2003  
PSL1000\_PJ1K Revision: 2.1  
TEX1000

Item	Quantity	Reference	Part
1	1	CS1	PE-51718
2	2	C2, C1	CP1/400
3	2	C4, C3	CD10KpF-1KV
4	4	C5, C6, C17, C19	CP1KpF-630
5	4	C7, C8, C9, C10	LXZ1800/63
6	4	C12, C13, C14, C18	CP.1uF
7	1	C20	CD.1uF
8	4	C21, C22, C29, C30	CD1KpF
9	2	C26, C23	Y2K2pF
10	1	C24	330/450
11	1	C25	CP.1uF/400
12	1	C27	CP10KpF
13	1	C28	1KpF
14	1	C31	100pF-1kV
15	2	DZ1, DZ2	15V 1W
16	2	D4, D1	STTA0860
17	2	D5, D2	UF4007
18	1	D3	HFA50PA
19	1	D6	BYV27-200
20	3	D7, D8, D9	1N4148
21	4	FIX1, FIX2, FIX3, FIX4	FIX35
22	1	F1	T94-26
23	7	JP1, JP5, JP6, JP7, JP8, JP9, JP10	MOLEX5.08/2
24	1	JP2	KRA4
25	1	JP4	PIAZZOLE
26	1	JP12	KRA3/2
27	1	JP13	KB2
28	1	JP14	MASCON
29	1	J1	JUMP 2P
30	1	L1	77439
31	1	L3	BFVC1025
32	1	L4	BFV0712D8
33	2	Q1, Q2	STW45NM50
34	2	R1, R6	10K-4W
35	3	R2, R7, R10	10K
36	1	R3	47R-2W
37	8	R4, R16, R18, R19, R20, R21, R22, R23	150R-2W
38	1	R5	10K/2W
39	1	R8	6R8
40	1	R9	1M/2W
41	1	R11	200R
42	4	R12, R13, R14, R15	1M5-1%
43	1	R17	5R6-2W
44	1	T1	TSWTCH9
45	1	U1	HTP50M



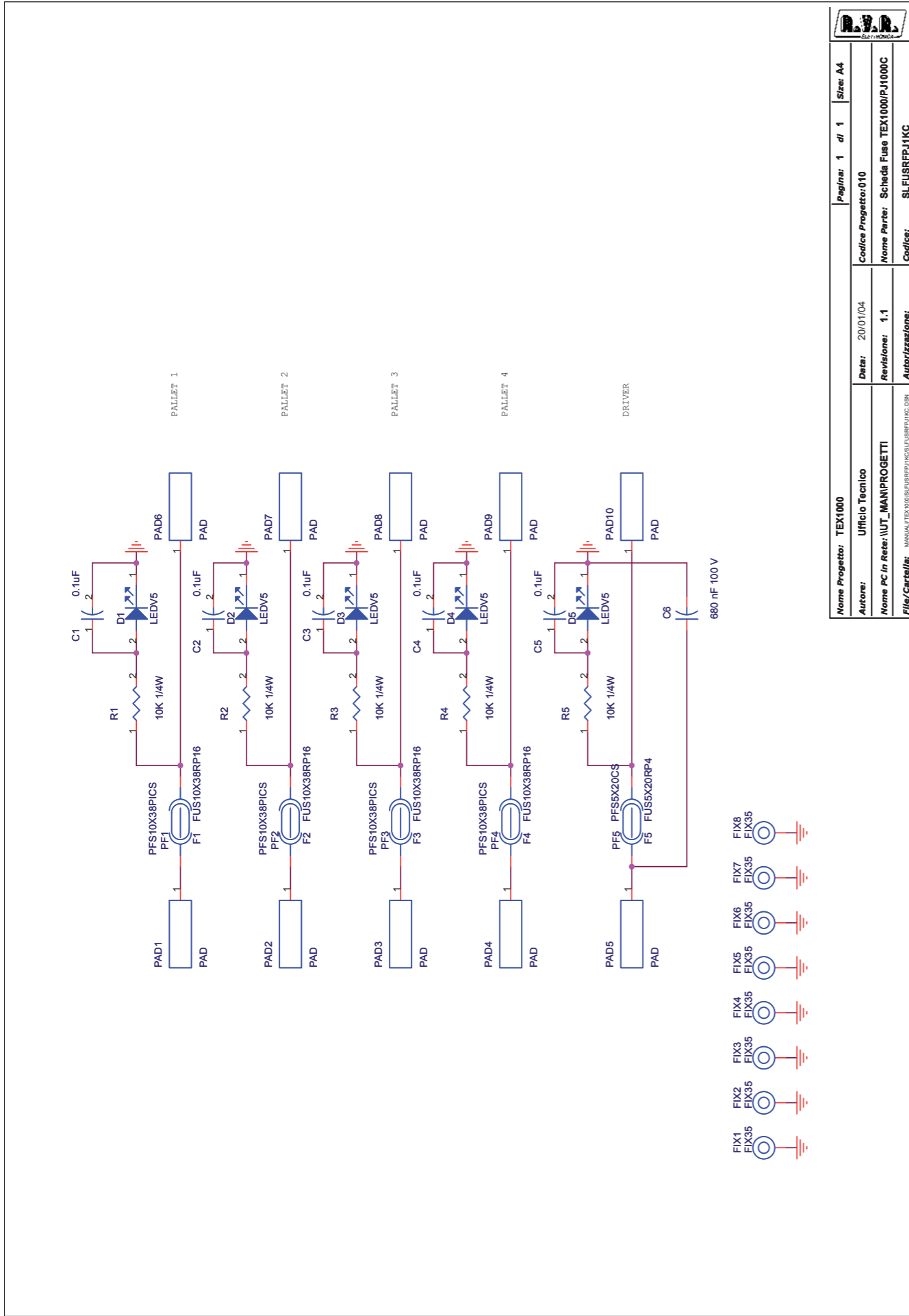
Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010
Nome PC in Rete: \\UTSRV\PROGETTI		Revisione: 1.1		Nome Parte: Scheda filtro TEX1000/PJ1000C
File/Cartella: \\utsv\progetti\utsv\03_SCHEDA\SLFILPSPJ1KC		Autorizzazioni:		Codice: SLFILPSPJ1KC



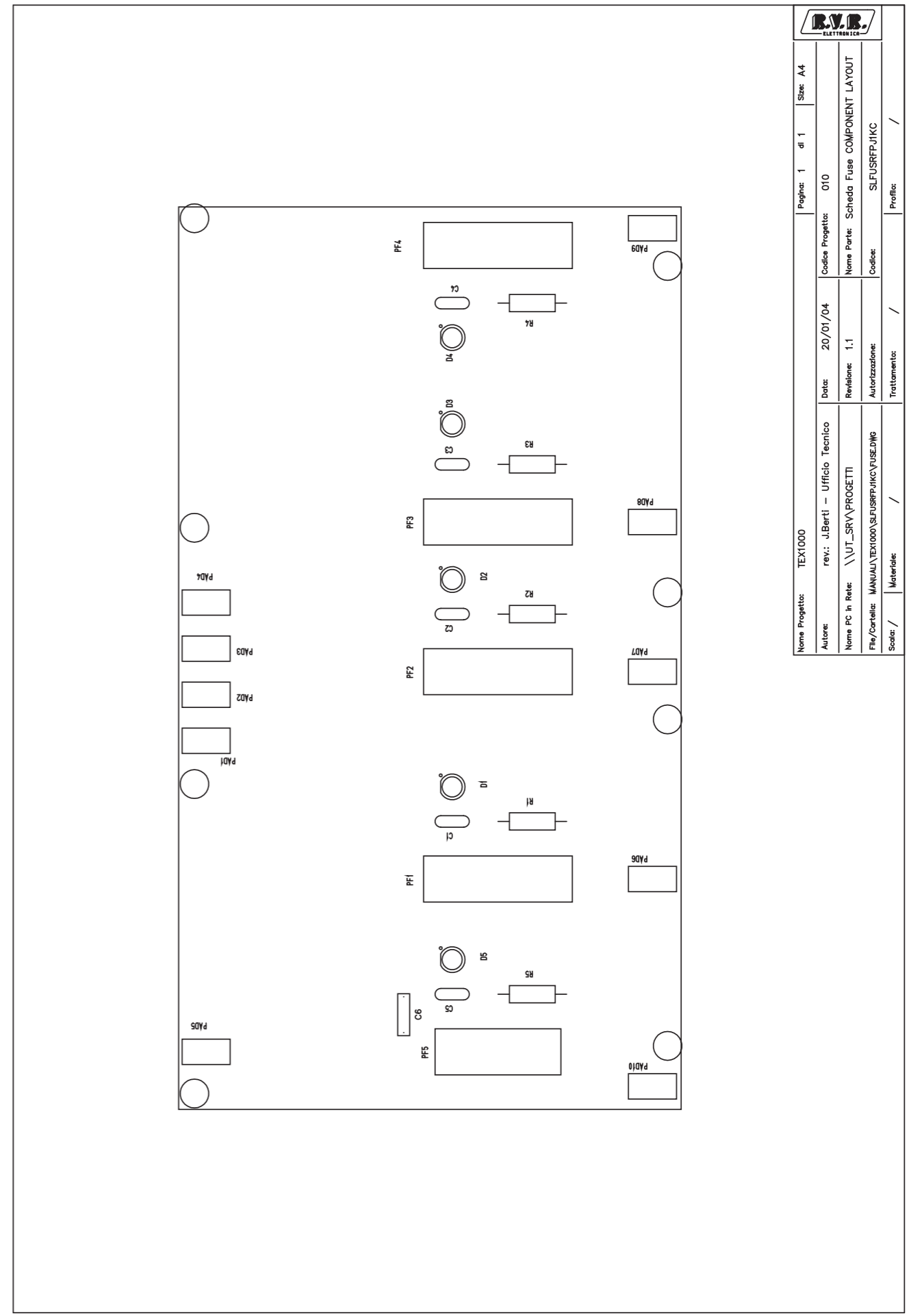
Nome Progetto: TEX1000		Pagina: 1 di 1		Size: A4
Autore: Ufficio Tecnico		Data: 09/09/03		Codice Progetto: 010
Nome PC in Rete: \\UTSRV\PROGETTI		Revisione: 1.1		Nome Parte: Scheda filtro TEX1000/PJ1000C
File/Cartella: \\utsv\progetti\utsv\03_SCHEDA\SLFILPSPJ1KC		Autorizzazioni:		Codice: SLFILPSPJ1KC
Scala: /		Trattamento: /		Profilo: /

Scheda filtro TEX1000/PJ1000C Revised: Tuesday, September 16, 2003  
SLFILPSPJ1KC Revision: 1.1  
TEX1000

Item	Quantity	Reference	Part
1	1	C1	1000uF/63V CEA108MW630V COND.EL.AL.V.1000MF 63V 105° SWITCH
2	1	C2	0.47uF CPE684JC101 COND. POL. 680NF 5% 5,08MM 100V
3	4	FIX1, FIX2, FIX3, FIX4	FIX35
4	2	L2, L1	INDD14P30 KITFILPSPJ1K KIT.TOR.FILTRO ALIM.TEX1000/PJ1000C
5	4	PAD1, PAD2, PAD3, PAD4	PAD
6	1	CSFILPSPJ1KC	CS1 CSFILPSPJ1KC CIRC.STAMP.FILTRO ALIM.PJ1000 COMPA



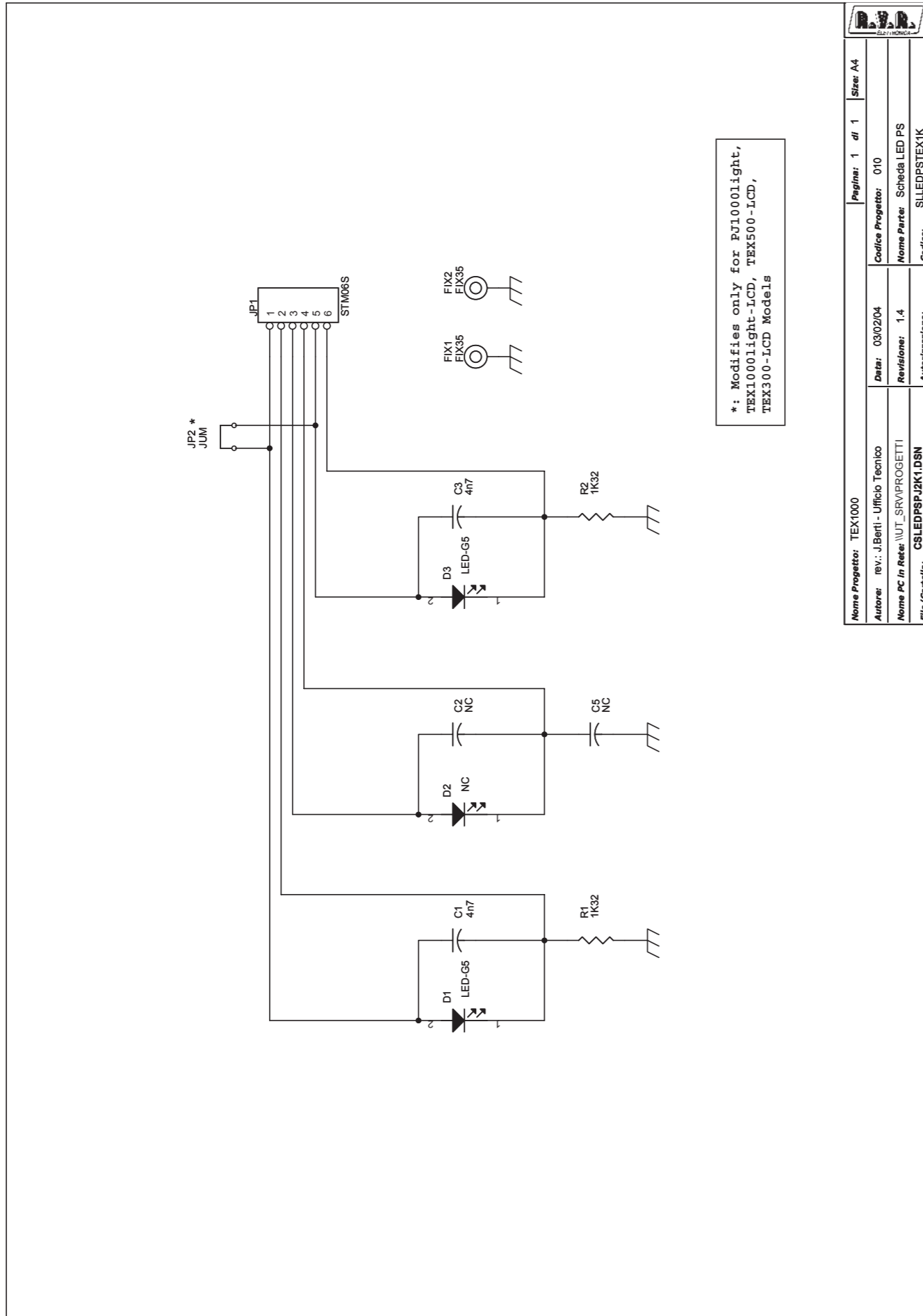
		Pagina: 1 di 1 Size: A4	
Nome Progetto: TEX1000	Ufficio Tecnico	Data: 20/01/04	Codice Progetto: 010
Autore:	Nome PC in Rete: \IUT_MAN\PROGETTI	Revisione: 1.1	Nome Parte: Scheda Fuse TEX1000/PJ1000C
File/Cartella:	MANUAL\TEX1000\SLFUSRFPJ1KC\SLFUSRFPJ1KC.DWG	Autorizzazioni:	Codice: SLFUSRFPJ1KC



		Pagina: 1 di 1 Size: A4	
Nome Progetto: TEX1000	rev.: J.Berti - Ufficio Tecnico	Data: 20/01/04	Codice Progetto: 010
Autore:	Nome PC in Rete: \\IUT_SRV\PROGETTI	Revisione: 1.1	Nome Parte: Scheda Fuse COMPONENT LAYOUT
File/Cartella:	MANUAL\TEX1000\SLFUSRFPJ1KC\YUSE.DWG	Autorizzazioni:	Codice: SLFUSRFPJ1KC
Scala: /	Materiale: /	Trattamento: /	Profilo: /

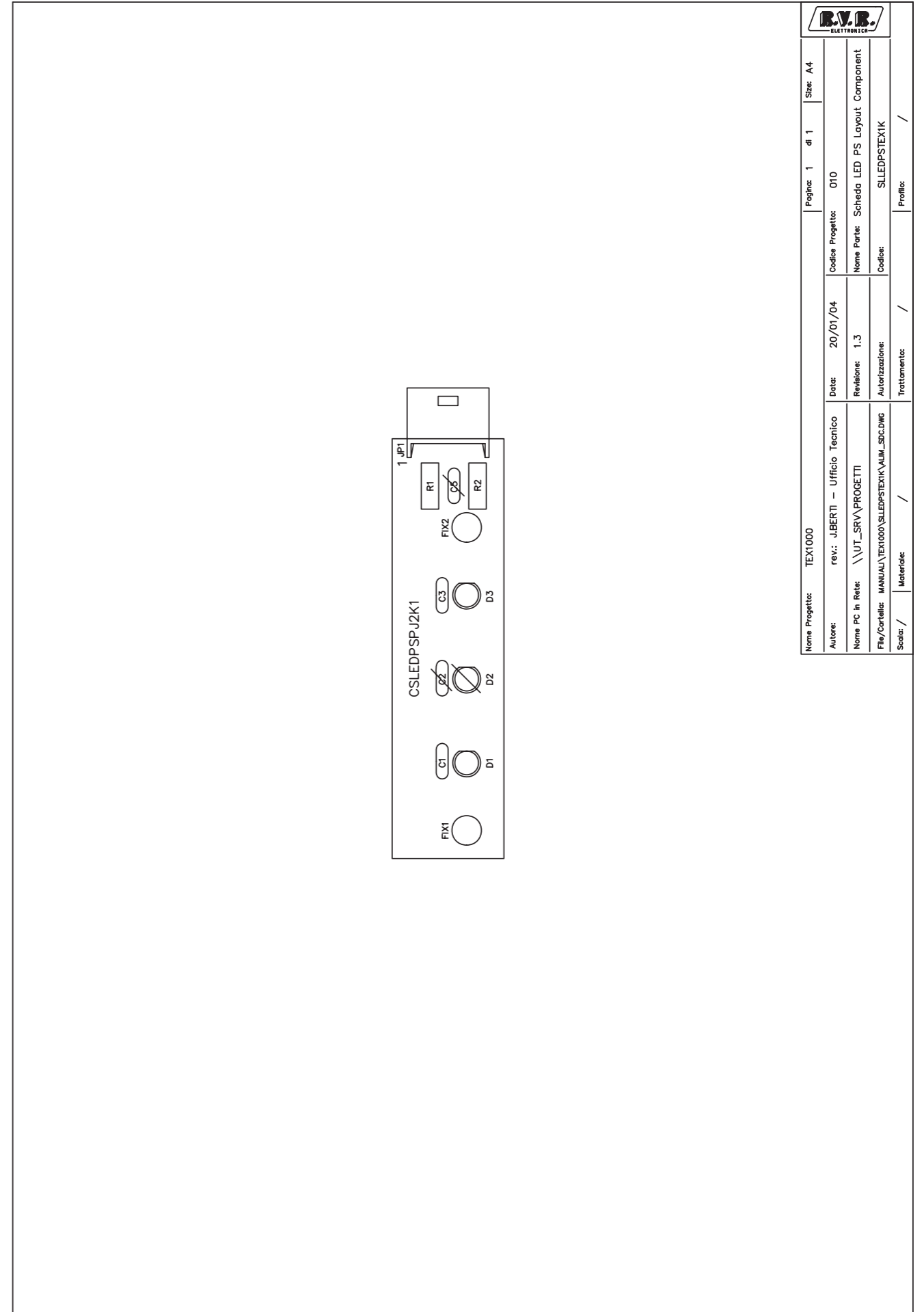
Scheda Fuse TEX1000/PJ1000C Revised: Jan 20, 2004  
SLFUSRFPJ1KC Revision: 1.1  
TEX1000

Item	Q.ty	Reference	Part	Description
1	5	C1, C2, C3, C4, C5	0.1uF	COND.MULTISTR.100NF 20% 5,08MM 50V
2	1	C6	680 nF 100 V	COND. POL. 680NF 5% 5,08MM 100V
3	5	D1, D2, D3, D4, D5	LEDV5	LED COLORE VERDE DIAMETRO 5MM.
4	8	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8	FIX35	
5	4	F1, F2, F3, F4	FUS10X38RP16	FUSIBILE 10X38MM RAPIDO 16AMP
6	1	F5	FUS5X20RP4	FUSIBILE 5X20MM RAPIDO 4AMP
7	10	PAD1, PAD2, PAD3, PAD4, PAD5, PAD6, PAD7, PAD8, PAD9, PAD10	PAD	
8	4	PF1, PF2, PF3, PF4	PFS10X38PICS	PORTAFUS. A PINZA DA CS 10X38
9	1	PF5	PFS5X20CS	PORTAFUS. DA C.S. 5X20MM
10	5	R1, R2, R3, R4, R5	10K 1/4W	RES. STRATO METALLICO 1/4W 1% 10K



\*: Modifies only for FU1000light,  
TEX1000light-LCD, TEX500-LCD,  
TEX300-LCD Models

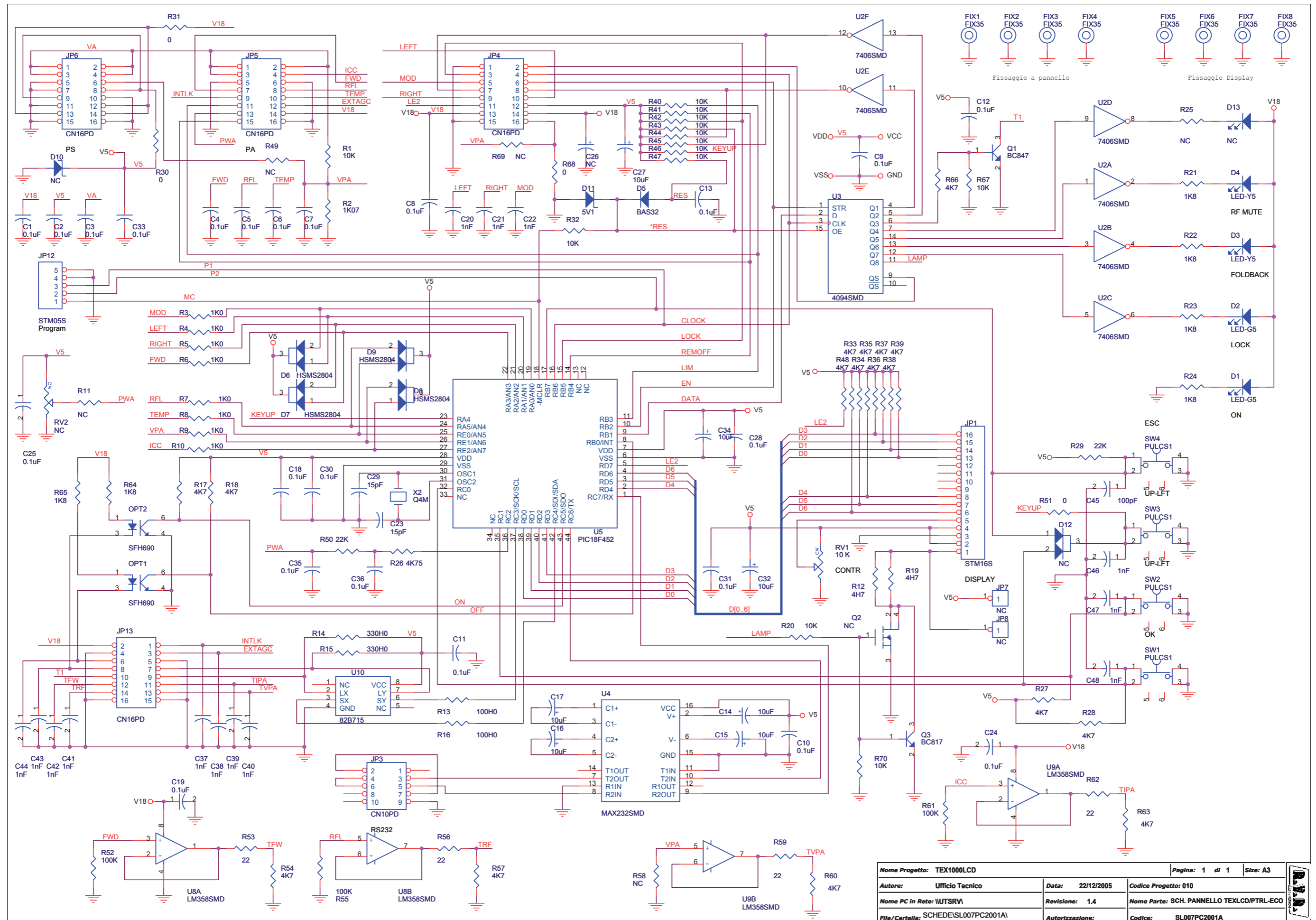
Nome Progetto: TEX1000	Pagina: 1 di 1
Autore: rev.: J.Berti - Ufficio Tecnico	Codice Progetto: 010
Nome PC in Rete: \UT_SRV\PROGETTI	Revisione: 1.4
File/Caricella: CSLEDPSPJ2K1.DSN	Nome Parte: Scheda LED PS
	Codice: SLLEDPSTEX1K
	Autore: /
	Trattamento: /
	Profilo: /
	Size: A4



Nome Progetto: TEX1000	Pagina: 1 di 1
Autore: rev.: J.Berti - Ufficio Tecnico	Codice Progetto: 010
Nome PC in Rete: \UT_SRV\PROGETTI	Revisione: 1.3
File/Caricella: MANUAU\TEX1000\SLLEDPSTEX1K_VALM_SBC.DWG	Nome Parte: Schedo LED PS Layout Component
Scala: /	Codice: SLLEDPSTEX1K
	Autore: /
	Trattamento: /
	Profilo: /
	Size: A4

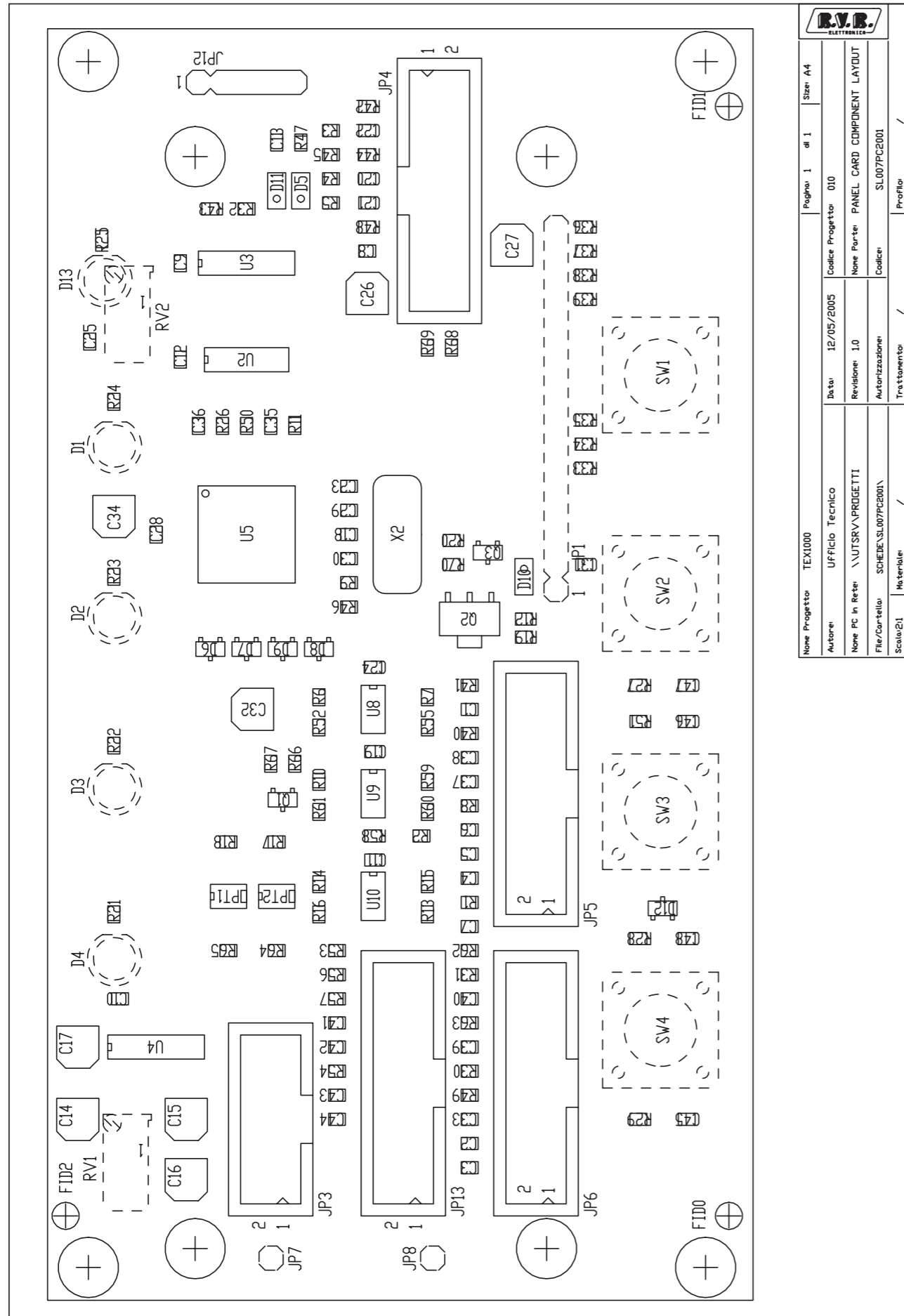
Scheda LED PS Revised: 03/02/2005  
 SLLEDPSTEX1K Revision: 1.4  
 TEX1000

Item	Quantity	Reference	Part	Description
1	2	C1, C3	4n7	COND.CER. 4NF7 P5,08 10% 50V N150
2	3	D2, C2, C5	NC	
3	2	D1, D3	LED-G5	LED COLORE GIALLO DIAMETRO 5MM
4	2	FIX1, FIX2	FIX35	
5	1	JP1	STM06S	CONN. STRIP MASC. 6 PIN 6MM 90°
6	2	R2, R1	1K32	RES. STRATO METALLICO 1/4W 1% 1,33K



Nome Progetto: TEX1000LCD		Pagina: 1 di 1		Size: A3
Autore: Ufficio Tecnico	Data: 22/12/2005	Codice Progetto: 010		
Nome PC in Rete: \UTSRV\	Revisione: 1.4	Nome Parte: SCH. PANNELLO TEXLCD/PTRL-ECO		
File/Cartella: SCHEDE\SL007PC2001A\	Autortizzazione:	Codice: SL007PC2001A		



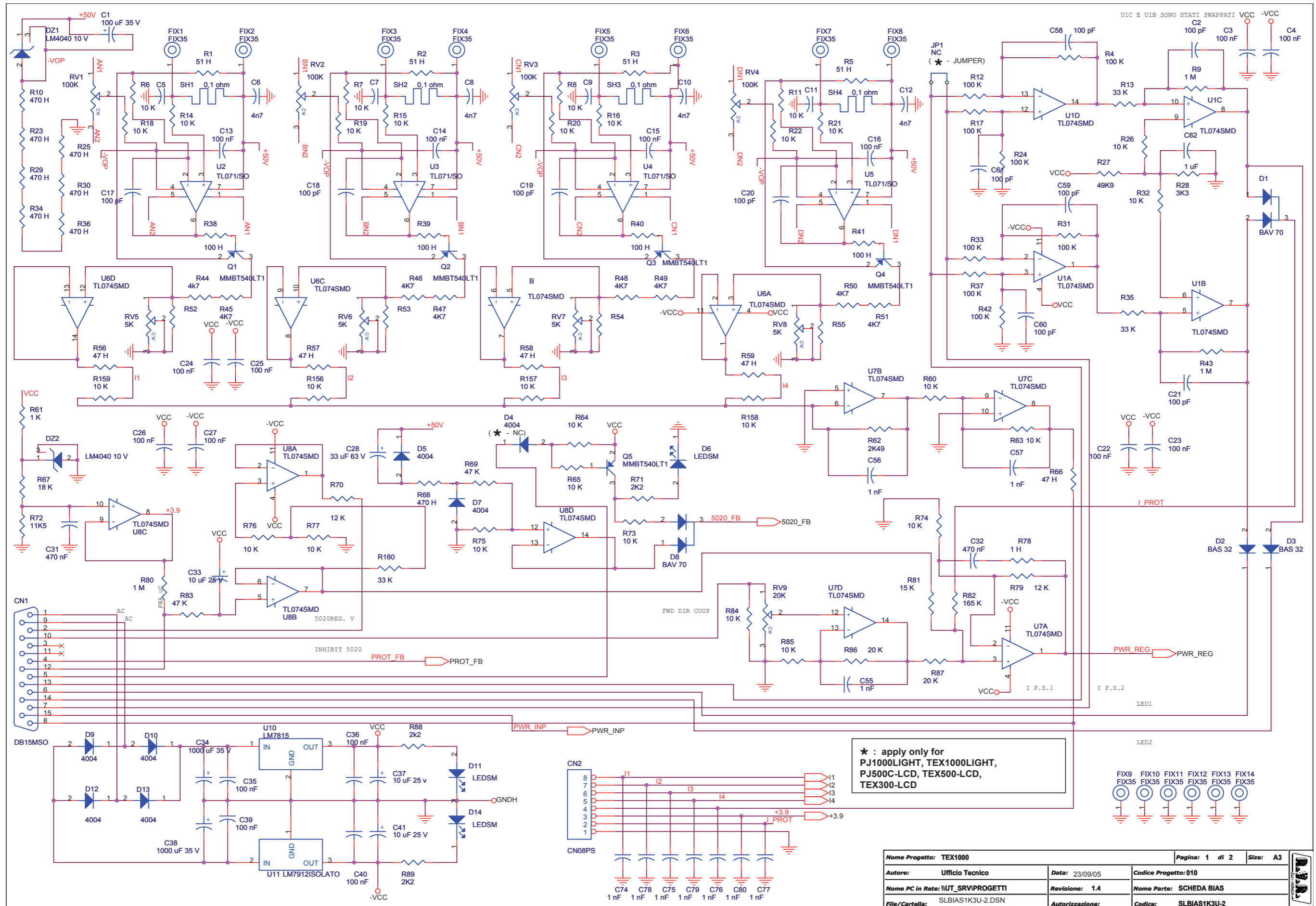


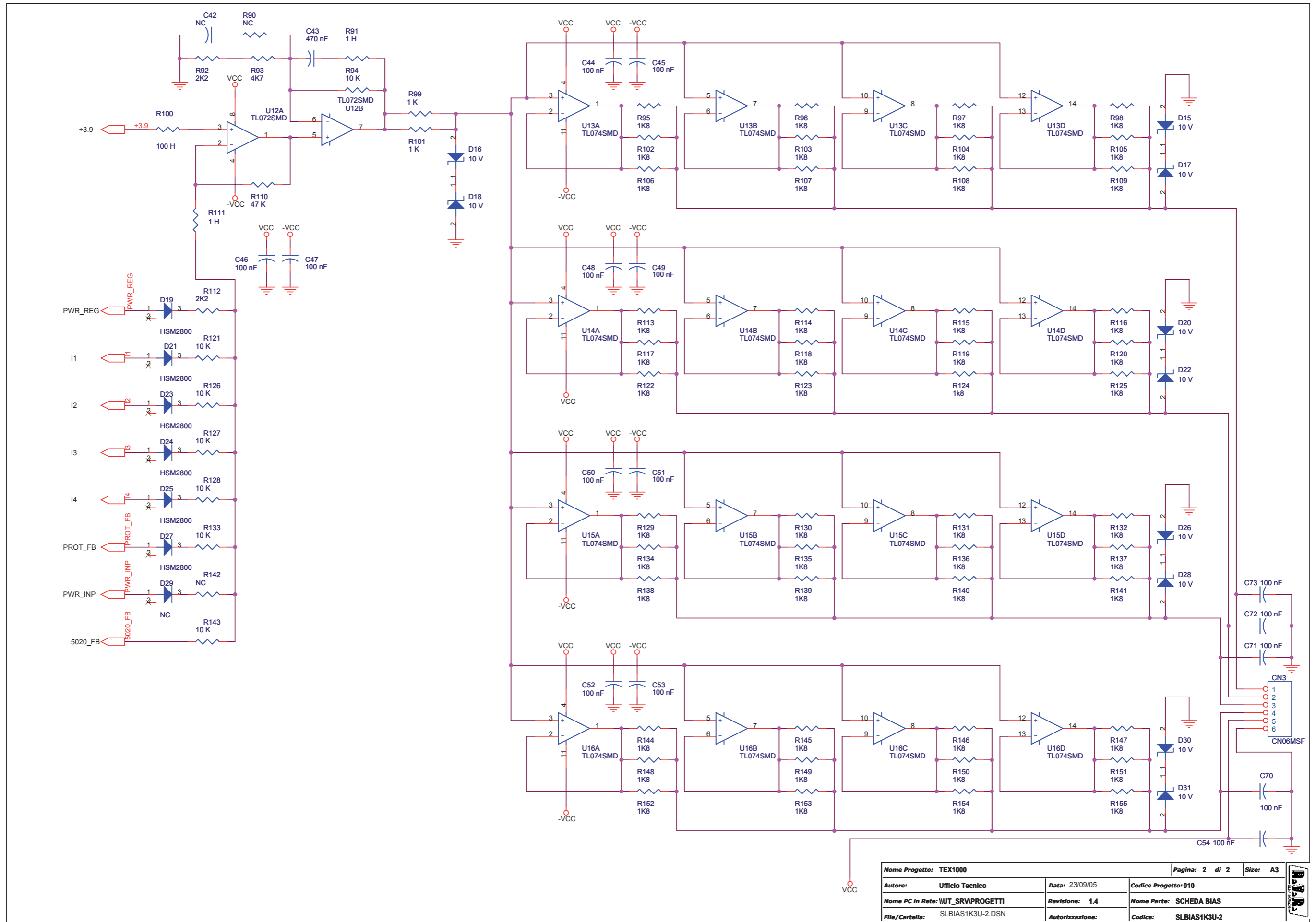
SCH. PANNELLO TEXLCD/PTRL-ECO  
SL007PC2001A Revision: 1.4  
DATA: 22/12/2005

Item	Q.ty	Reference	Part	
1	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	
2	1	C45	100pF	
3	7	C14, C15, C16, C17, C27, C32, C34	10uF	
4	14	C20, C21, C22, C37, C38, C39, C40, C41, C42, C43, C44, C46, C47, C48	1nF	
5	2	C23, C29	15pF	
6	13	RV2, Q2, JP7, JP8, D10, R11, D12, D13, R25, C26, R49, R69	NC	
7	2	D2, D1	LED-G5	Nota 1
8	2	D4, D3	LED-Y5	Nota 1
9	1	D5	BAS32	
10	4	D6, D7, D8, D9	HSMS2804	
11	1	D11	5V1	
12	8	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8	FIX35	
13	1	JP1	STM16S	Nota 2
14	1	JP3	CN10PD	
15	4	JP4, JP5, JP6, JP13	CN16PD	
16	1	JP12	STM05S	
17	2	OPT2, OPT1	SFH690	
18	1	Q1	BC847	
19	1	Q3	BC817	
20	1	RV1	10 K	Nota 1
21	13	R1, R20, R32, R40, R41, R42, R43, R44, R45, R46, R47, R67, R70	10K	
22	1	R2	1K07	
23	8	R3, R4, R5, R6, R7, R8, R9, R10	1K0	
24	2	R19, R12	4H7	
25	2	R13, R16	100H0	
26	2	R14, R15	330H0	
27	17	R17, R18, R27, R28, R33, R34, R35, R36, R37, R38, R39, R48, R54, R57, R60, R63, R66	4K7	
28	6	R21, R22, R23, R24, R64, R65	1K8	
29	1	R26	4K75	
30	4	R30, R31, R51, R68	0	
31	2	R29, R50	22K	
32	3	R52, R55, R61	100K	
33	4	R53, R56, R59, R62	22	
34	4	SW1, SW2, SW3, SW4	PULCS1	Nota 1
35	1	U2	7406SMD	
36	1	U3	4094SMD	
37	1	U4	MAX232SMD	
38	1	U5	PIC18F452	
39	2	U9, U8	LM358SMD	
40	1	U10	82B715	
41	1	X2	Q4M	

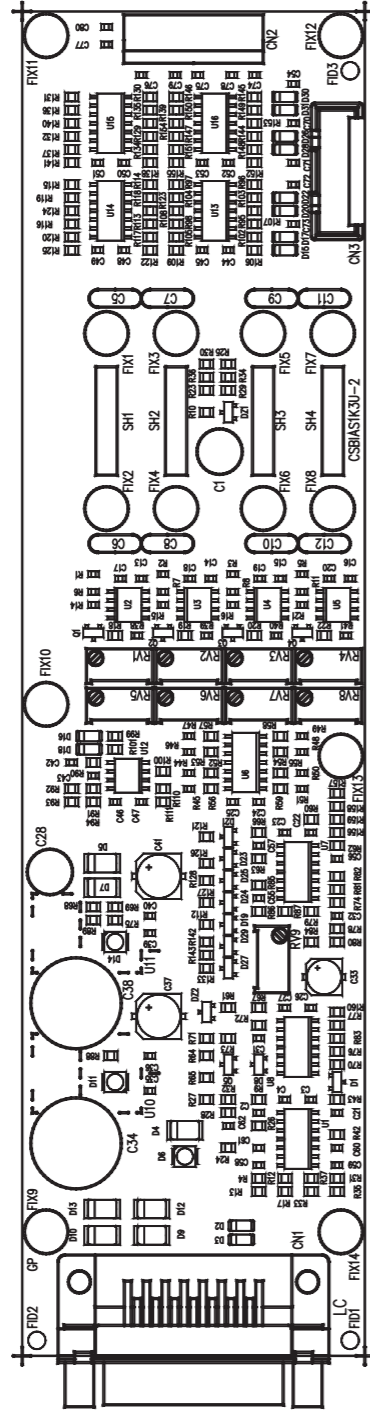
Nota 1 Montare lato saldature

Nota 2 Montare lato sald. Per collegare il display





Nome Progetto: TEX1000		Pagina: 2 di 2		Size: A3
Autore:	Ufficio Tecnico	Data:	23/09/05	Codice Progetto: 010
Nome PC in Rete:	WUT_SRV\PROGETTI	Revisione:	1.4	Nome Parte: SCHEDA BIAS
File/Cartella:	SLBIAS1K3U-2.DSN	Autorizzazione:		Codice: SLBIAS1K3U-2



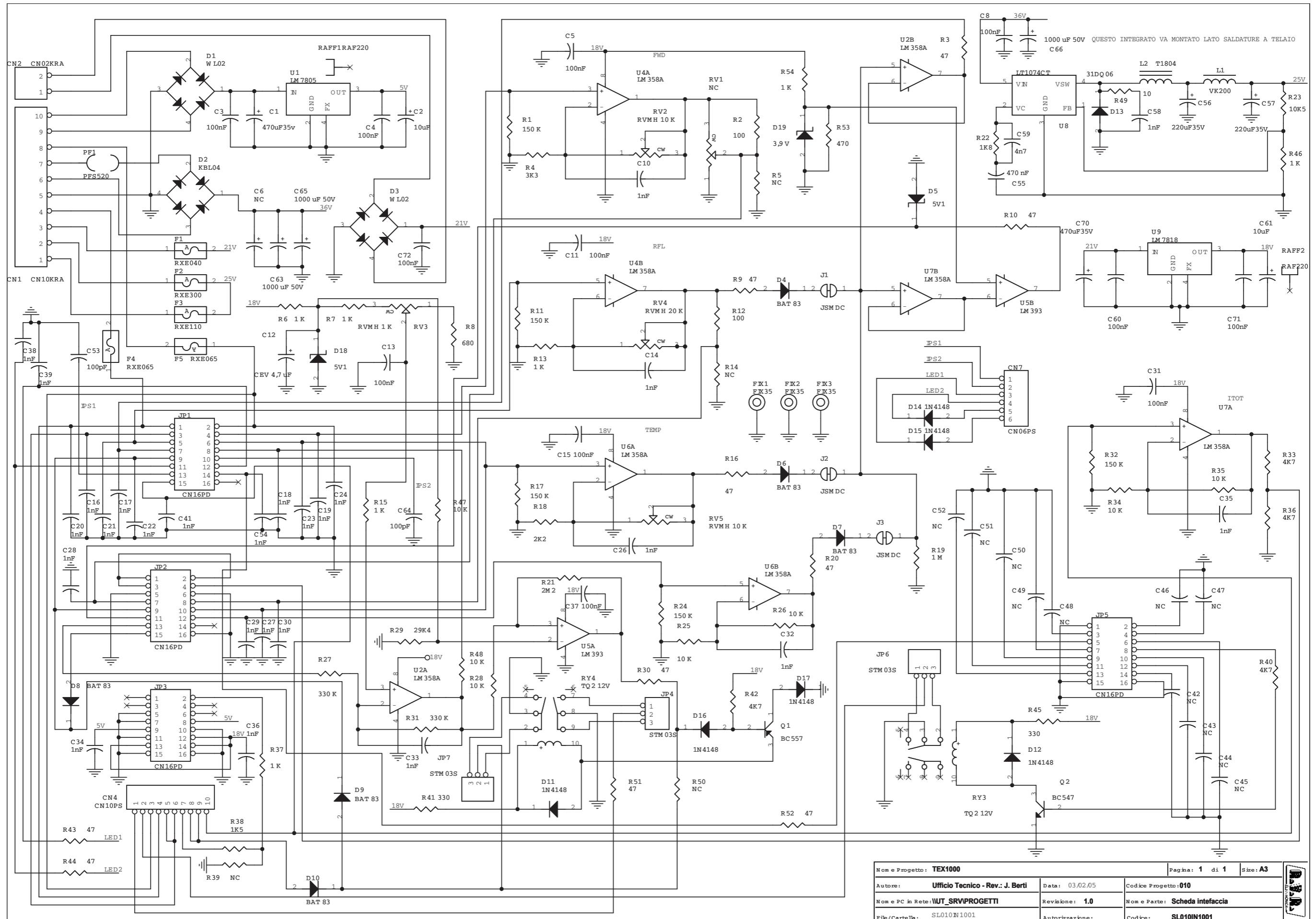
		Pagina: 1 di 1    Size: A4	
Nome Progetto:	TEX1000	Data:	22/01/04
Autore:	Ufficio Tecnico	Revisione:	1.2
Nome PC in Rete:	\\UT_SRV\PROGETTI	Autore:	010
File/Caricello:	MANUAL\TEX1000\SLBIAS1K3U-2\biask3u-2.dwg	Nome Parte:	Scheda Bias TEX1000/PJ1000C
Scala:	/	Codice:	SLBIAS1K3U-2
Metodo:	/	Trattamento:	/
Profilo:	/		

SCHEDA BIAS Revised: 23/09/2005  
 SLBIAS1K3U-2    Revision: 1.4  
 TEX1000

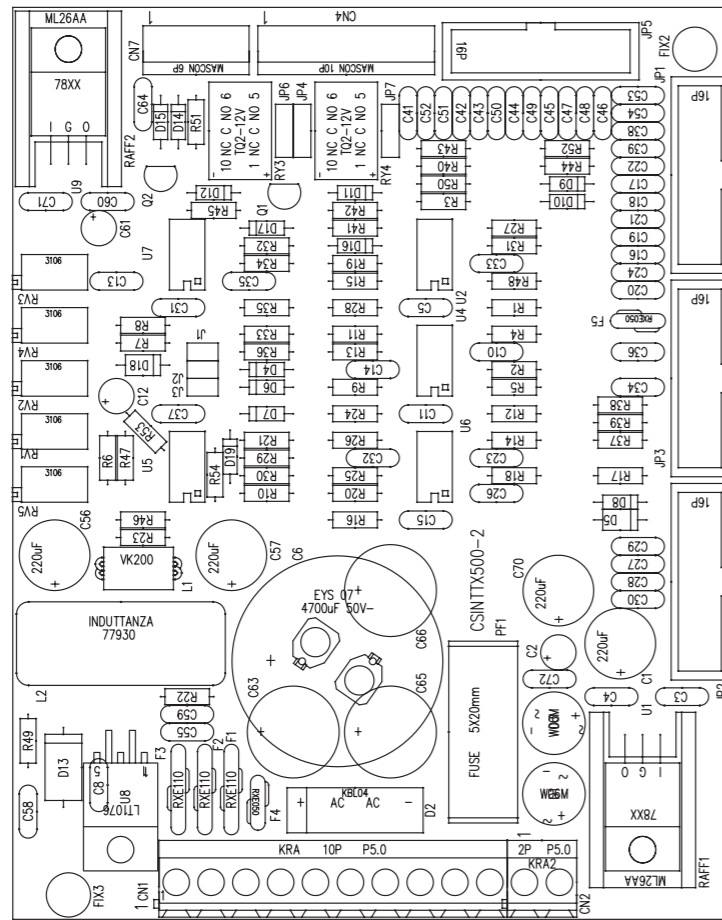
Item	Q.ty	Reference	Part	Note
1	1	CN1	DB15MSO	
2	1	CN2	CN08PS	
3	1	CN3	CN06MSF	
4	1	C1	100 uF 35 V	
5	10	C2, C17, C18, C19, C20, C21, C58, C59, C60, C61	100 pF	
6	31	C3, C4, C13, C14, C15, C16, C22, C23, C24, C25, C26, C27, C35, C36, C39, C40, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C70, C71, C72, C73	100 nF	
7	8	C5, C6, C7, C8, C9, C10, C11, C12	4n7	
8	1	C28	33 uF 63 V	
9	3	C31, C32, C43	470 nF	
10	3	C33, C37, C41	10 uF 25 V	
11	2	C34, C38	1000 uF 35 V	
12	4	D29, C42, R90, R142	NC	
13	10	C55, C56, C57, C74, C75, C76, C77, C78, C79, C80	1 nF	
14	1	C62	1 uF	
15	2	DZ2, DZ1	LM4040 10 V	
16	2	D8, D1	BAV 70	
17	2	D3, D2	BAS 32	
18	7	D4, D5, D7, D9, D10, D12, D13	4004	1
19	3	D6, D11, D14	LED SMD RED 3X2,6 MM	
20	10	D15, D16, D17, D18, D20, D22, D26, D28, D30, D31	10 V	
21	6	D19, D21, D23, D24, D25, D27	HSM2800	
22	14	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, FIX9, FIX10, FIX11, FIX12, FIX13, FIX14	FIX35	
23	5	Q1, Q2, Q3, Q4, Q5	MMBT540LT1	
24	4	RV1, RV2, RV3, RV4	100K	
25	4	RV5, RV6, RV7, RV8	5K	
26	1	RV9	20K	
27	4	R1, R2, R3, R5	51 H	
28	8	R4, R12, R17, R24, R31, R33, R37, R42	100 K	
29	36	R6, R7, R8, R11, R14, R15, R16, R18, R19, R20, R21, R22, R26, R32, R60, R63, R64, R65, R73, R74, R75, R76, R77, R84, R85, R94, R121, R126, R127, R128, R133, R143, R156, R157, R158, R159	10 K	
30	3	R9, R43, R80	1 M	
31	8	R10, R23, R25, R29, R30, R34, R36, R68	470 H	
32	2	R35, R13	33 K	
33	1	R27	49K9	
34	1	R28	3K3	
35	5	R38, R39, R40, R41, R100	100 H	
36	13	R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R93	4K7	
37	5	R56, R57, R58, R59, R66	47 H	
38	3	R61, R99, R101	1 K	
39	1	R62	2K49	
40	1	R67	18 K	
41	3	R69, R83, R110	47 K	
42	2	R70, R79	12 K	
43	5	R71, R88, R89, R92, R112	2K2	
44	1	R72	11K5	
45	3	R78, R91, R111	1 H	
46	1	R81	15 K	
47	1	R82	165 K	
48	2	R86, R87	20 K	

Item	Q.ty	Reference	Part	Note
49	48	R95, R96, R97, R98, R102, R103, R104, R105, R106, R107, R108, R109, R113, R114, R115, R116, R117, R118, R119, R120, R122, R123, R124, R125, R129, R130, R131, R132, R134, R135, R136, R137, R138, R139, R140, R141, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155	1K8	
50	1	R160	33 K	
51	4	SH1, SH2, SH3, SH4	0,1 ohm	
52	8	U1, U6, U7, U8, U13, U14, U15, U16	TL074SMD	
53	4	U2, U3, U4, U5	TL071/SO	
54	1	U10	LM7815	
55	1	U11	LM7912ISOLATO	
56	1	U12	TL072SMD	

**Note1** Only for PJ1000light-LCD, TEX1000light-LCD, TEX500-LCD, TEX300-LCD:  
D4 is Not connected  
JP1 is connected



Nome Progetto: <b>TEX1000</b>	Pagina: <b>1 di 1</b>	Size: <b>A3</b>
Autore: <b>Ufficio Tecnico - Rev. J. Berti</b>	Data: <b>03/02/05</b>	Codice Progetto: <b>010</b>
Nome PC in Rete: <b>WUT_SRVPROGETTI</b>	Revisione: <b>1.0</b>	Nome Parte: <b>Scheda interfaccia</b>
File/Carta: <b>SL010IN1001</b>	Autorizzazione:	Codice: <b>SL010IN1001</b>



Nome Progetto:	TEX1000	Data:	07/03/2005	Codice Progetto:	010
Autore:	Ufficio Tecnico	Revisione:	1.0	Nome Parte:	INTERFACE COMPONENT LAYOUT
Nome PC In Rete:	\\UT_SRA\PROGETTI	Autorizzazione:		Codice:	SL010IN1001
File/Carrello:	SL010IN1001	Treatments:	/	Profilo:	/
Scala:	/	Materiale:	/		
Nome Progetto:	TEX1000	Pagina:	1	di	1
		Size:	A4		

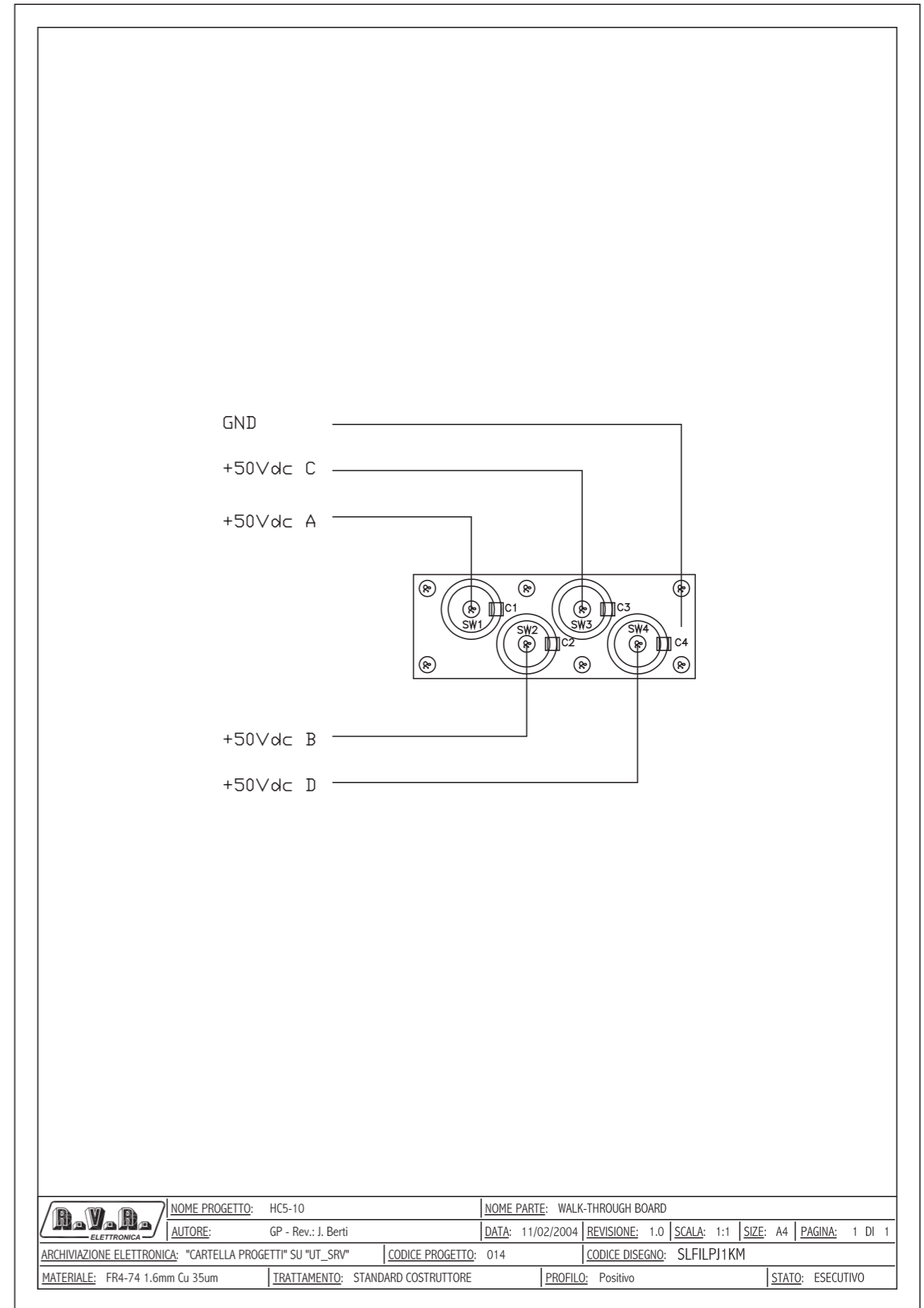
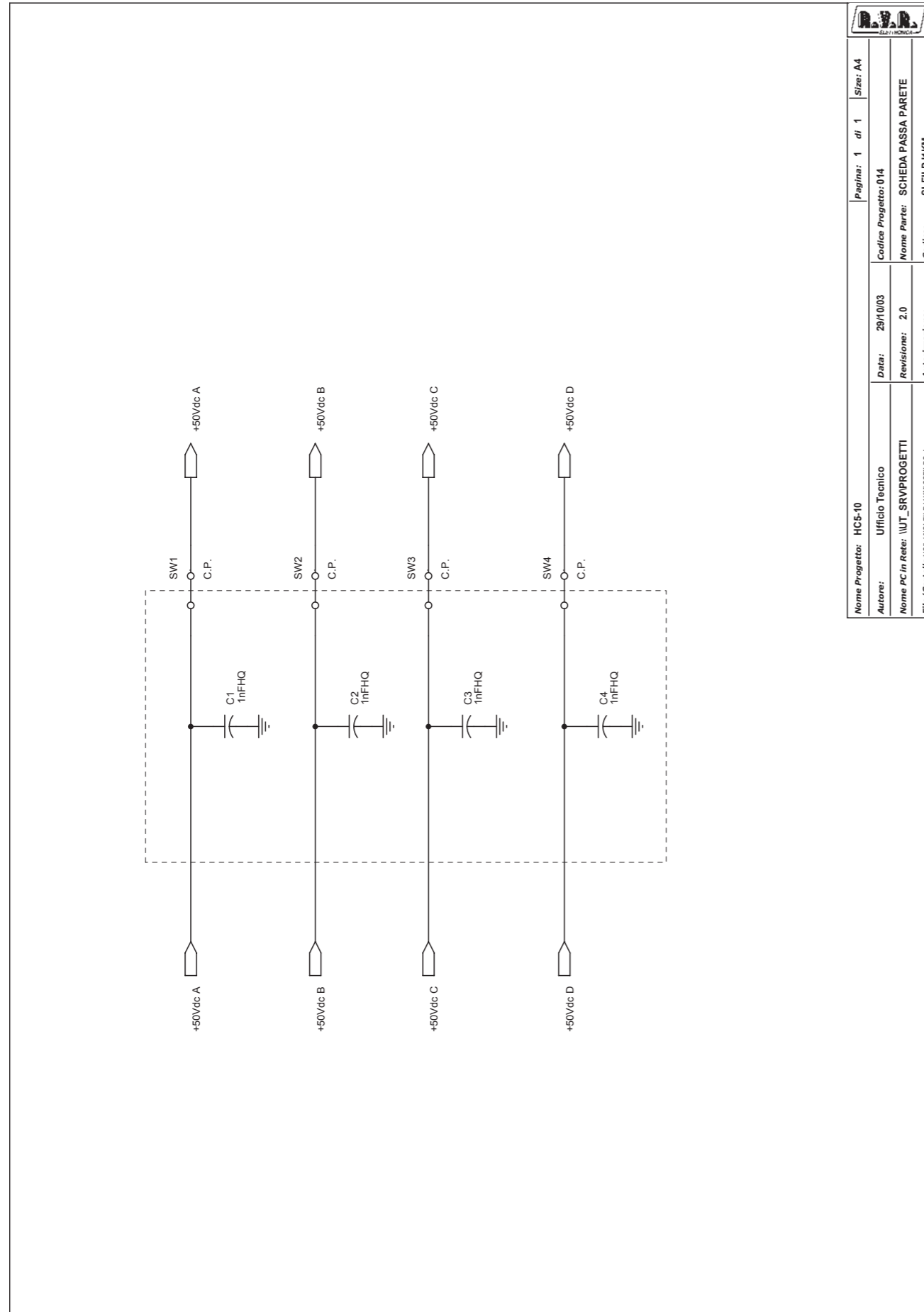
Scheda interfaccia Revised: Monday, March 07, 2005  
SL010IN1001 Revision: 1.0  
TEX1000

Ufficio Tecnico - Rev.: J. Berti

Item	Quantity	Reference	Part
1	1	CN1	CN10KRA
2	1	CN2	CN02KRA
3	1	CN4	CN10PS
4	1	CN7	CN06PS
5	2	C1, C70	470uF35V
6	2	C2, C61	10uF
7	12	C3, C4, C5, C8, C11, C13, C15, C31, C37, C60, C71, C72	100nF
8	17	RV1, R5, C6, R14, R39, C42, C43, C44, C45, C46, C47, C48, C49, R50, C50, C51, C52 NC	
9	26	C10, C14, C16, C17, C18, C19, C20, C21, C22, C23, C24, C26, C27, C28, C29, C30, C32, C33, C34, C35, C36, C38, C39, C41, C54, C58	1nF
10	1	C12	CEV 4,7 uF
11	2	C53, C64	100pF
12	1	C55	470 mF
13	2	C56, C57	220uF35V
14	1	C59	4n7
15	3	C63, C65, C66	1000 uF 50V
16	1	D19	3,9 V
17	2	D1, D3	W L02
18	1	D2	KBL04
19	6	D4, D6, D7, D8, D9, D10	BAT 83
20	2	D5, D18	5V1
21	6	D11, D12, D14, D15, D16, D17	1N4148
22	1	D13	31DQ 06
23	3	FX1, FX2, FX3	FX35
24	1	F1	RXE040
25	1	F2	RXE300
26	1	F3	RXE110
27	2	F4, F5	RXE065
28	4	JP1, JP2, JP3, JP5	CN16PD
29	3	JP4, JP6, JP7	STM 03S
30	3	J1, J2, J3	JSM DC
31	1	L1	VK200
32	1	L2	T1804
33	1	PF1	PFS520
34	1	Q1	BC557
35	1	Q2	BC547
36	2	RAFF1, RAFF2	RAF220
37	2	RV2, RV5	RVMH 10 K
38	1	RV3	RVMH 1 K
39	1	RV4	RVMH 20 K
40	2	RY3, RY4	TQ 2 12V
41	5	R1, R11, R17, R24, R32	150 K
42	2	R2, R12	100
43	10	R3, R9, R10, R16, R20, R30, R43, R44, R51, R52	47
44	1	R4	3K3
45	7	R6, R7, R13, R15, R37, R46, R54	1 K
46	1	R8	680
47	1	R18	2K2
48	1	R19	1 M
49	1	R21	2M 2
50	1	R22	1K8
51	1	R23	10K5
52	7	R25, R26, R28, R34, R35, R47, R48	10 K
53	2	R27, R31	330 K
54	1	R29	29K 4
55	4	R33, R36, R40, R42	4K7
56	1	R38	1K5

Item	Quantity	Reference	Part
57	2	R41, R45	330
58	1	R49	10
59	1	R53	470
60	1	U1	LM 7805
61	4	U2, U4, U6, U7	LM 358A
62	1	U5	LM 393
63	1	U8	LT1074CT
64	1	U9	LM 7818

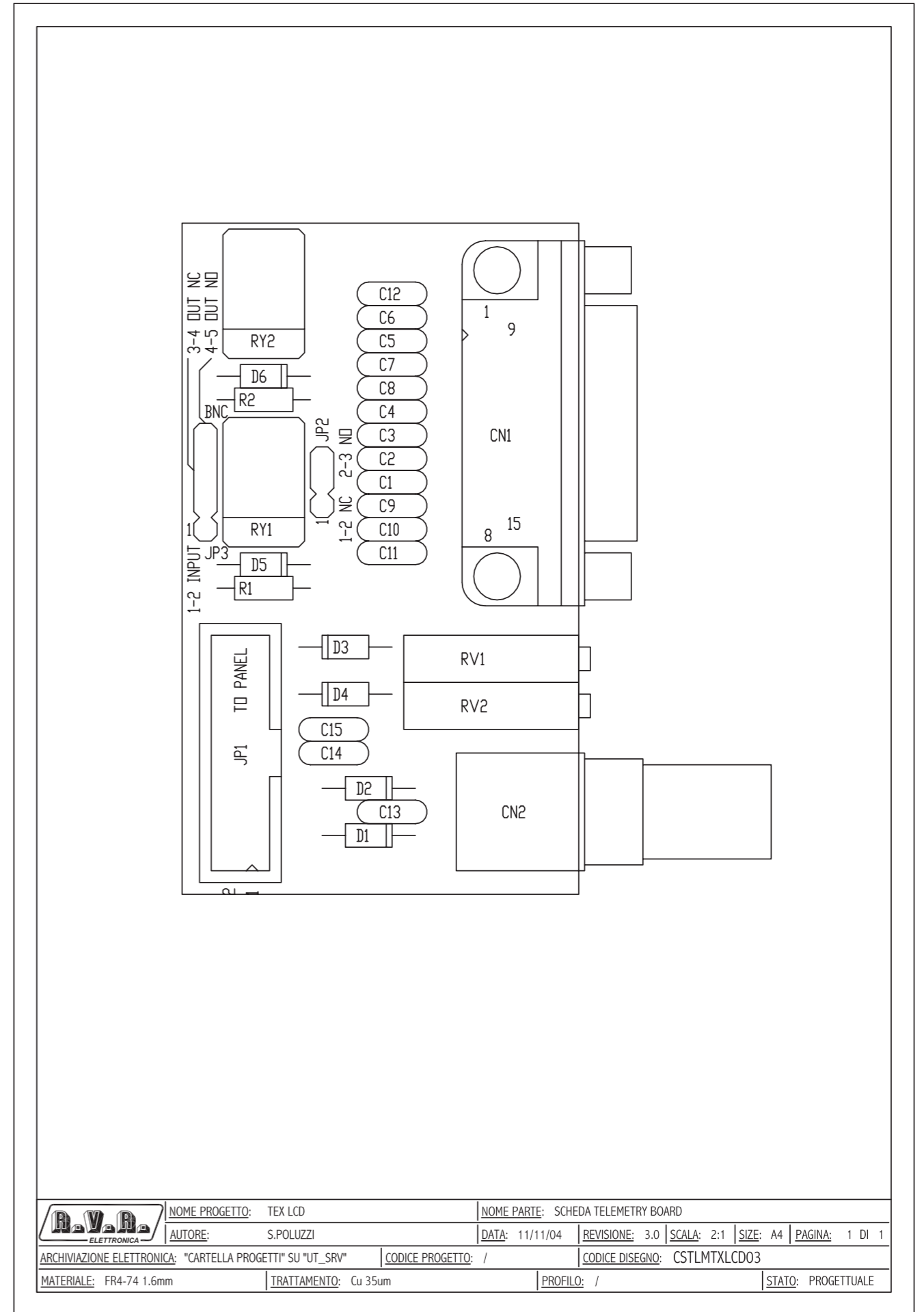
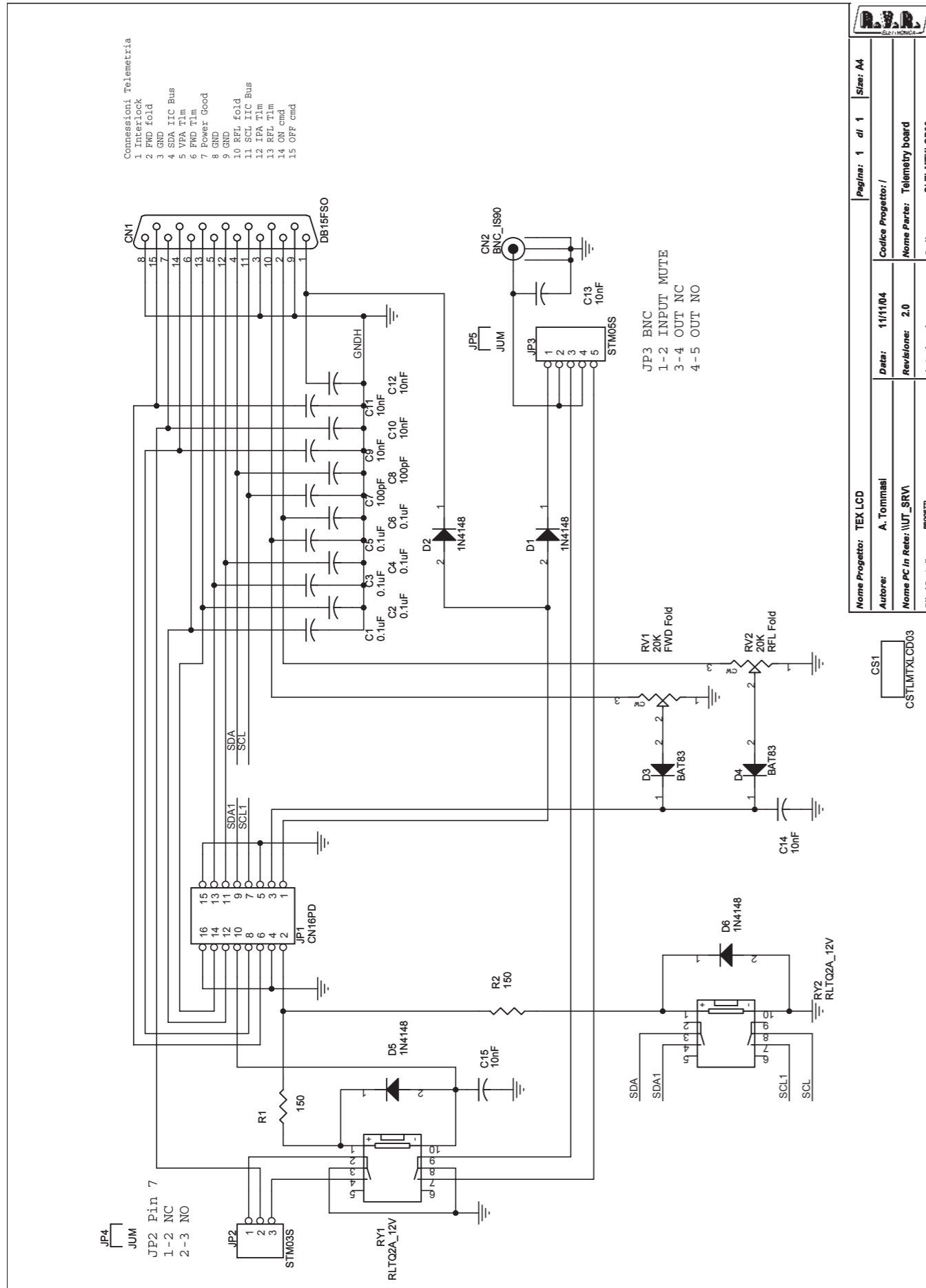




		NOME PROGETTO: HCS-10		NOME PARTE: WALK-THROUGH BOARD	
AUTORE: GP - Rev.: J. Berti		DATA: 11/02/2004	REVISIONE: 1.0	SCALA: 1:1	PAGINA: 1 DI 1
ARCHIVIAZIONE ELETTRONICA: "CARTELLA PROGETTI" SU "UT_SRV"		CODICE PROGETTO: 014		CODICE DISEGNO: SLFILPJ1KM	
MATERIALE: FR4-74 1.6mm Cu 35um		TRATTAMENTO: STANDARD COSTRUTTORE		PROFILO: Positivo	STATO: ESECUTIVO

SCHEDA PASSA PARETE Revised: Oct 30, 2003  
SLFILPJ1KM Revision: 2.0  
HC5-10

Item	Quantity	Reference	Part
1	4	C1, C2, C3, C4	1nFHQ
2	4	SW1, SW2, SW3, SW4	C.P.



Telemetry board Revised: Wednesday, February 25, 2004  
SLTLMTXLCD03 Revision: 02  
TEX-LCD/RXRL-LCD/PTRL-LCD  
RVR0

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	CSTLMTXLCD02	Circuito stampato
4	6	C1, C2, C3, C4, C5, C6	0.1uF	Cond. ceramico p 5mm
5	2	C7, C8	100pF	Cond. ceramico p 5mm
6	7	C9, C10, C11, C12, C13, C14, C15	10nF	Cond. ceramico p 5mm
7	4	D1, D2, D5, D6	1N4148	Diode in vetro DO35
8	2	D3, D4	BAT83	Diode Hot carrier DO35
9	1	JP1	CN16PD	Connettore 16 poli Flat cs
10	1	JP2	STM03S	Strip maschio 3 pin
11	1	JP3	STM05S	Strip maschio 5 pin
12	2	JP4, JP5	JUM	Ponticello Jumper <b>Nota 1</b>
13	2	RV1, RV2	20K	Trimmer Rg H 3006
14	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