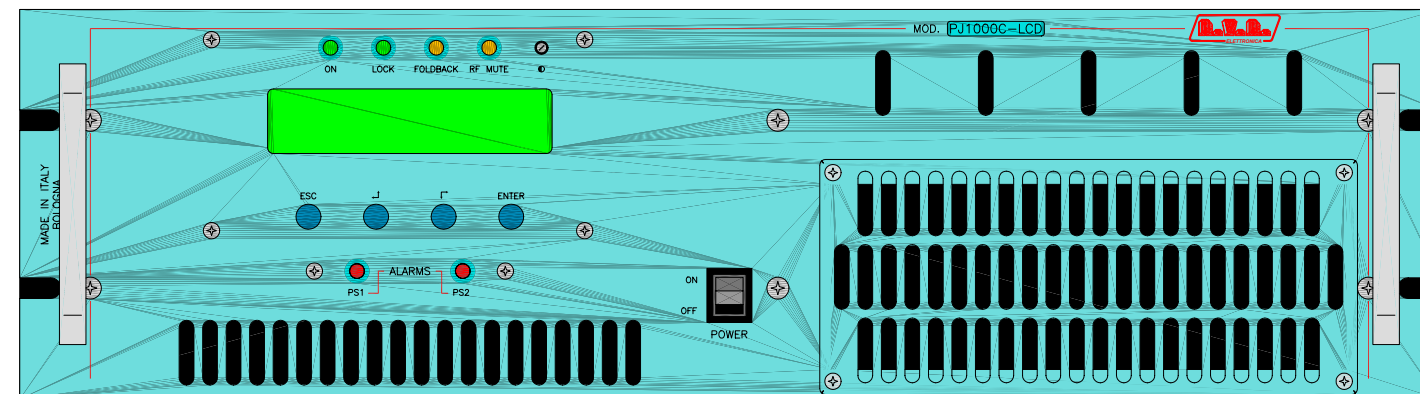

PJ1000C-LCD



User Manual

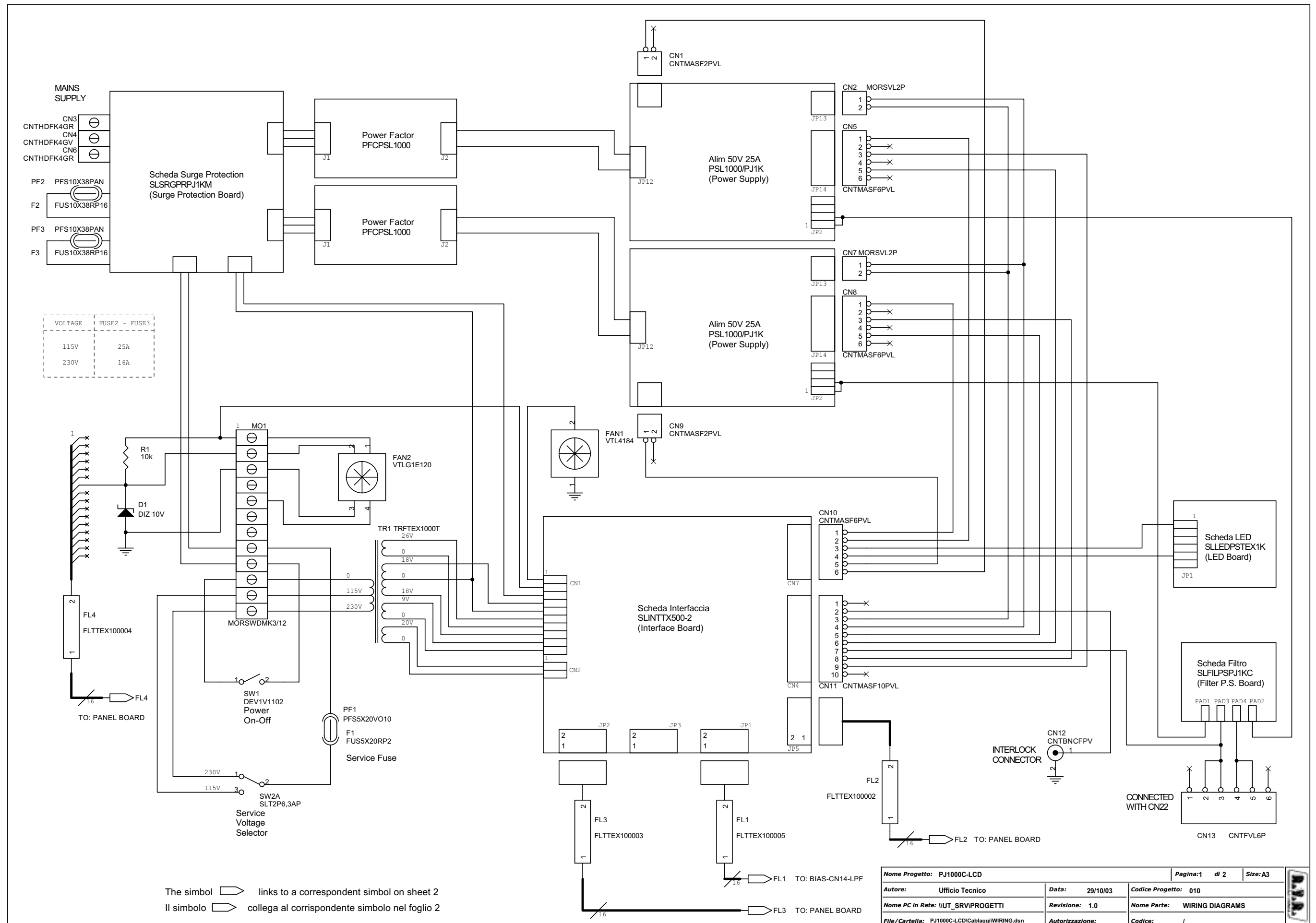
Volume 2: Technical Appendix

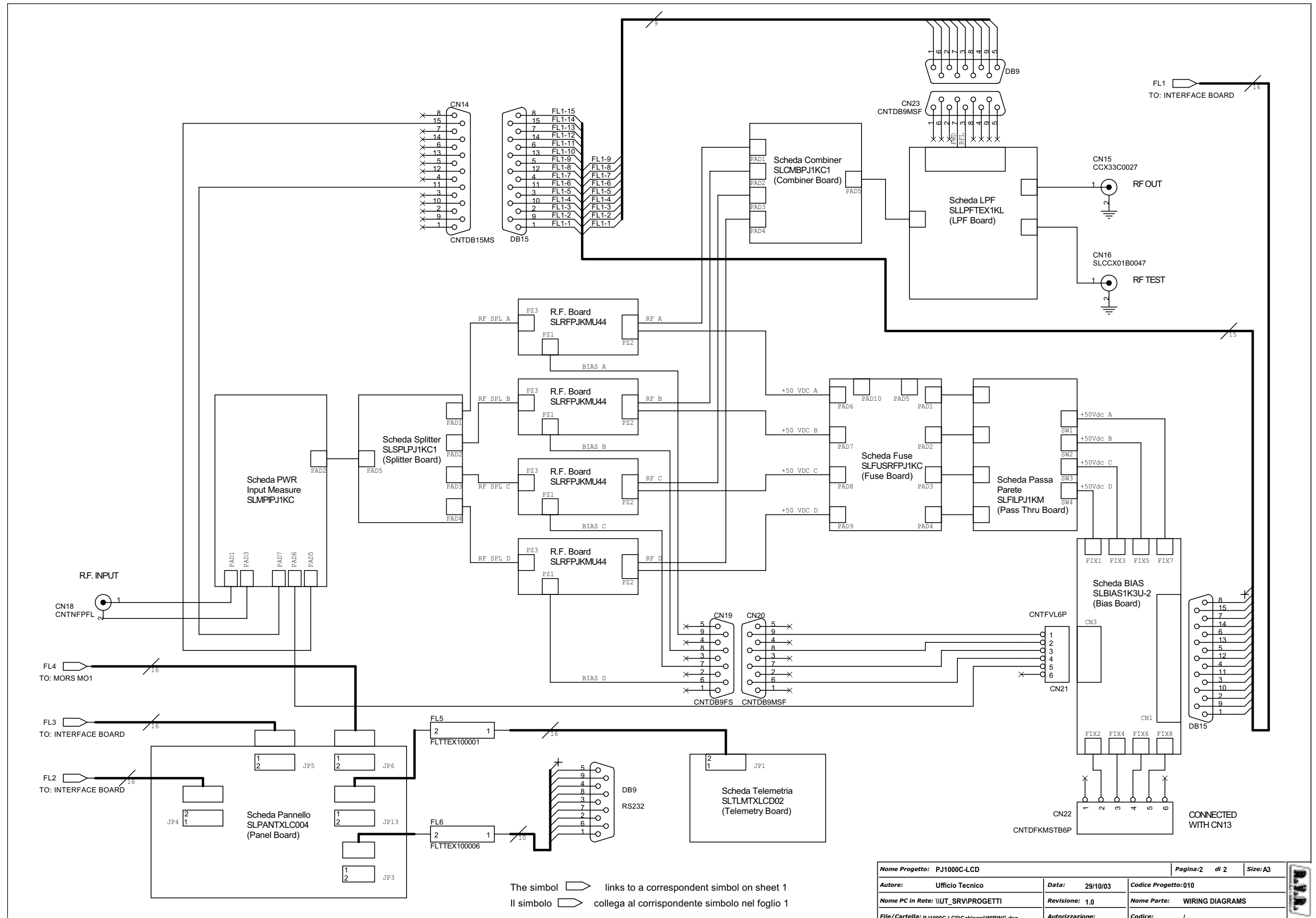
Appendix A Piani di montaggio, schemi elettrici, liste componenti / *Component layouts, schematics, bills of material*

Questa parte del manuale contiene i dettagli tecnici riguardanti la costruzione delle singole schede componenti il PJ1000C-LCD. L'appendice è composta dalle seguenti sezioni:

This part of the manual contains the technical details about the different boards of the PJ1000C-LCD. This appendix is composed of the following sections:

Description	RVR Code	Vers.	Page
Wiring Diagrams		1.0	1
Scheda PWR Input Measure	SLMIPPJ1KC	1.1	4
Scheda Splitter - <i>Splitter Board</i>	SLSPLPJ1KC1	1.0	6
R.F. Board	SLRFPJKMU44	1.1	8
Scheda Combiner - <i>Combiner Board</i>	SLCMBPJ1KC1	1.1	10
Scheda LPF - <i>LPF Board</i>	SLLPFTEX1KL	2.1	12
Scheda Surge Protection - <i>Surge Protection Board</i>	SLSRGPRPJ1KM	1.0	15
Power Factor	PFCPSL1000	1.1	17
Alim 50V 25A - <i>Power Supply</i>	PSL1000_PJ1K	1.1	25
Scheda Filtro - <i>Filter PS Board</i>	SLFILPSPJ1KC	1.1	32
Scheda Fuse - <i>Fuse Board</i>	SLFUSRFPJ1KC	1.1	34
Scheda LED - <i>LED Board</i>	SLLEDPSTEX1K	1.3	36
Scheda Pannello - <i>Panel Board</i>	SLPANTXLC004	2.1	38
Scheda BIAS - <i>BIAS Board</i>	SLBIAS1K3U-2	1.2	40
Scheda Interfaccia - <i>Interface Board</i>	SLINTTX500-2	1.3	44
Scheda Passa Parete - <i>Pass Through Board</i>	SLFILPJ1KM	2.0	47
Scheda Telemetria - <i>Telemetry Board</i>	SLTLMTXLCD02	2.0	49

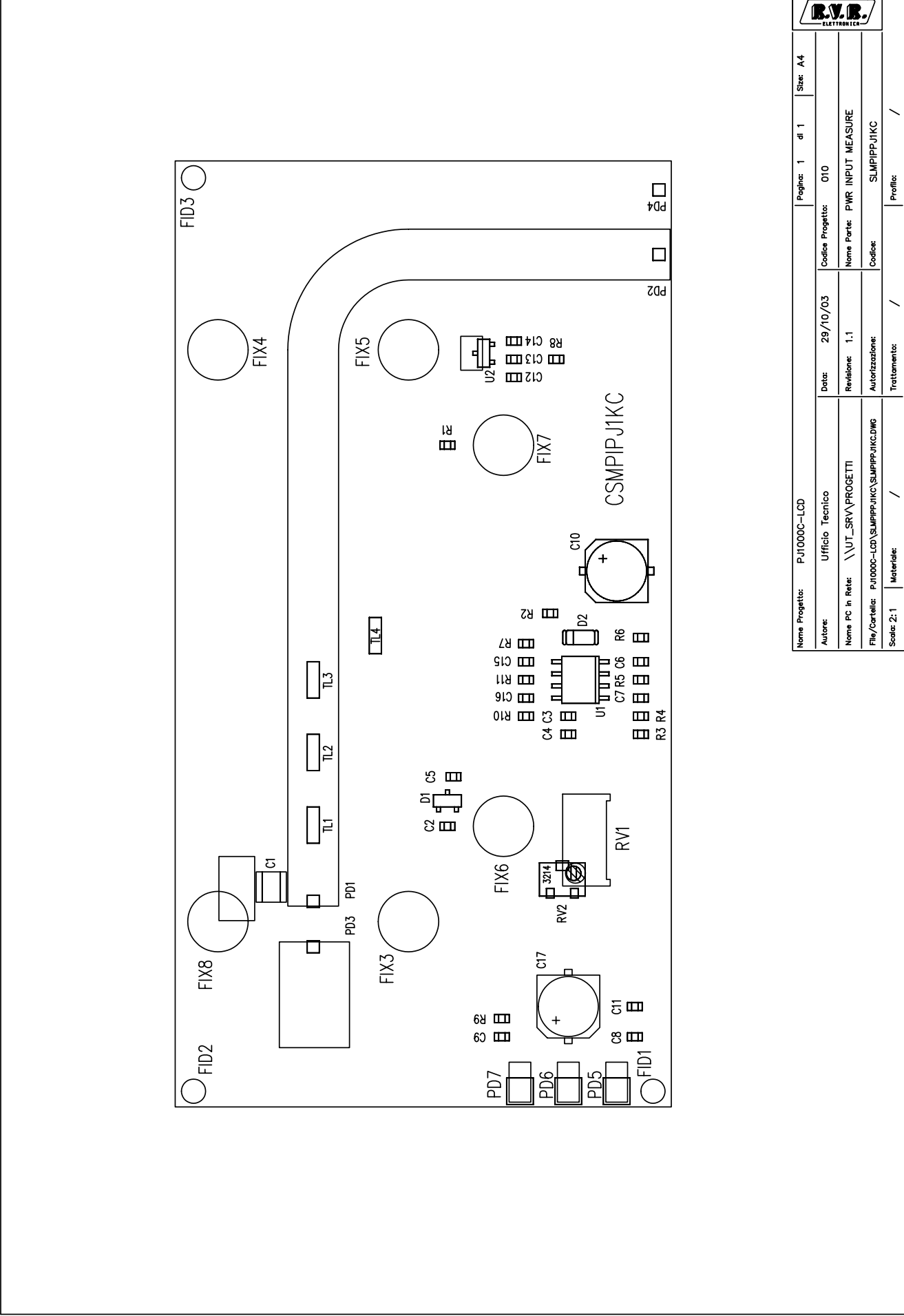
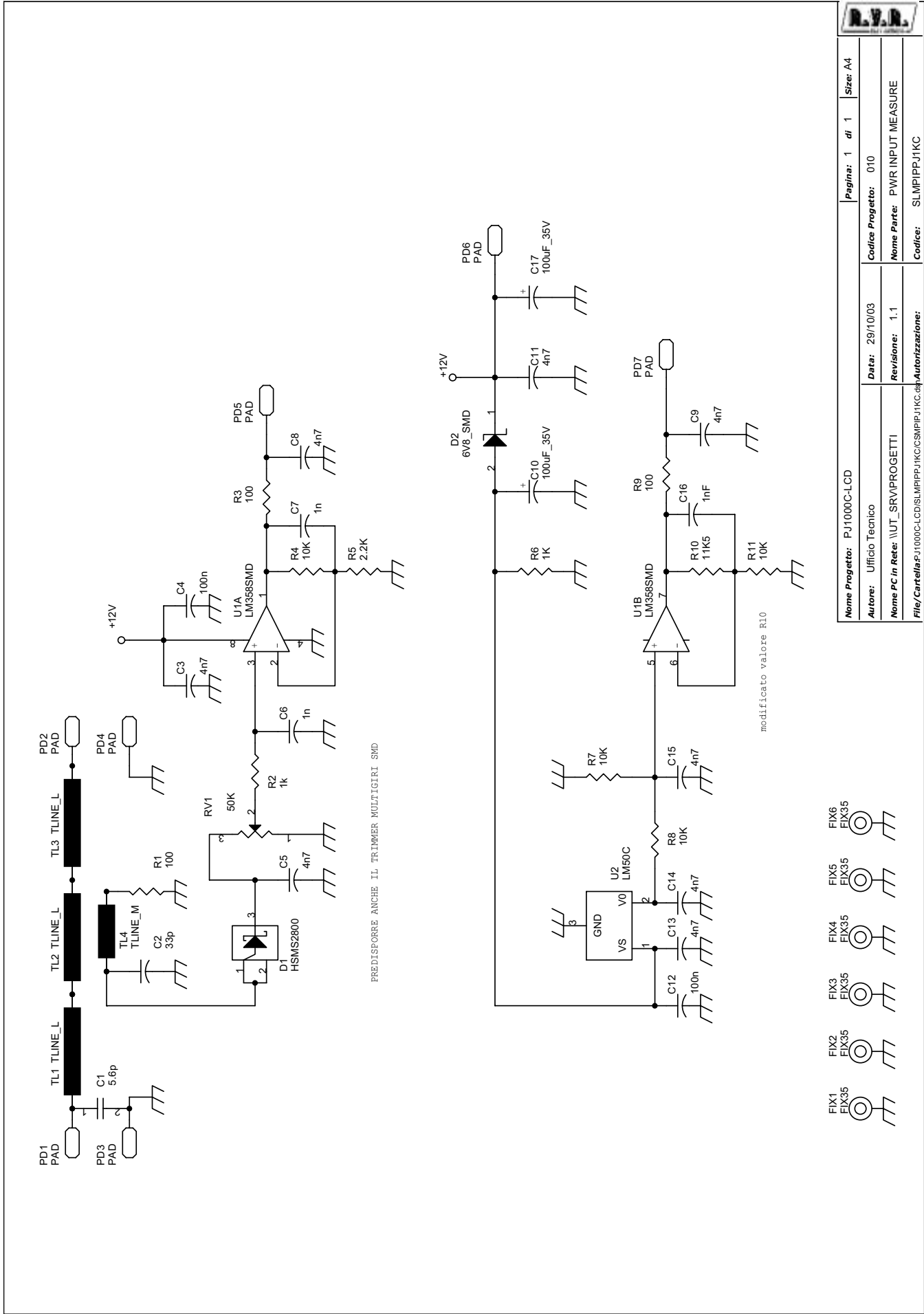




Nome Progetto: PJ1000C-LCD		Pagina: 2 di 2	Size: A3
Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI	Revisione: 1.0	Nome Parte: WIRING DIAGRAMS	
File/Cartella: PJ1000C-LCD\Cablaggi\WIRING.dsn	Autorizzazione:	Codice: /	

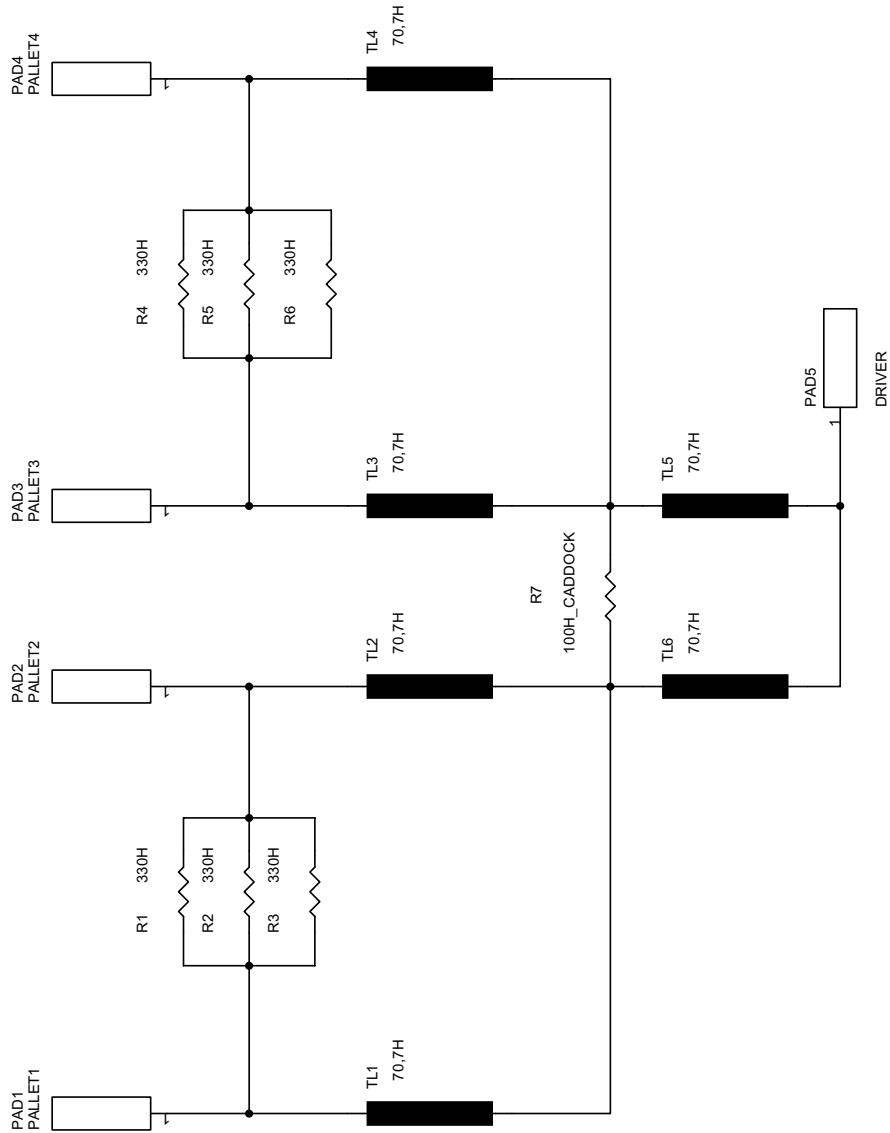
Wiring Diagram Revised: Oct 30, 2003
Revision: 1.0

Item	Quantity	Reference	Part	Description
1	2	CN9, CN1	CNTMASF2PVL	Connettore 2 poli Mascon F
2	2	CN7, CN2	MORSVL2P	Morsettiera 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	1	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	CN18	CNTNFPFL	Conn. N f. da pann.
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	D1	DIZ 10V	Diodo Zener
18	1	FAN1	VTL4184	
19	1	FAN2	VTLG1E120	
20	1	FL1	FLTTEX100005	
21	1	FL2	FLTTEX100002	
22	1	FL3	FLTTEX100003	
23	1	FL4	FLTTEX100004	
24	1	FL5	FLTTEX100001	
25	1	FL6	FLTTEX100006	
26	1	F1	FUS5X20RP2	
27	2	F3, F2	FUS10X38RP16	
28	1	MO1	MORSWDMK3/12	
29	1	PF1	PFS5X20VO10	Portafusibile 5x20
30	2	PF3, PF2	PFS10X38PAN	
31	1	R1	10k	
32	1	SW1	DEV1V1102	
33	1	SW2	SLT2P6,3AP	Selett. Tens. 2V 2P
34	1	TR1	TRFTEX1000T	

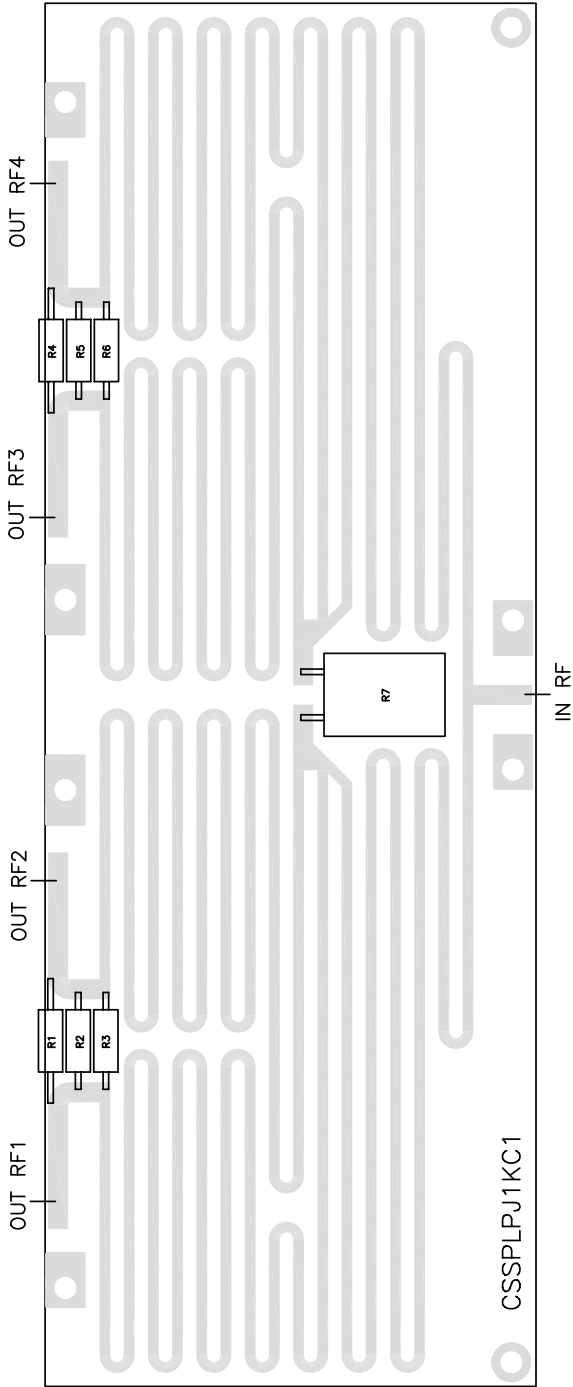


PWR INPUT MEASURE Revised: Oct 30, 2003
 SLMPIPPJ1KC Revision: 1.1
 PJ1000C-LCD

Item	Quantity	Reference	Part
1	1	C1	5.6p
2	1	C2	33p
3	8	C3, C5, C8, C9, C11, C13, C14, C15	4n7
4	2	C12, C4	100n
5	2	C7, C6	1n
6	2	C17, C10	100uF_35V
7	1	C16	1nF
8	1	D1	HSMS2800
9	1	D2	6V8_SMD
10	6	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6	FIX35
11	7	PD1, PD2, PD3, PD4, PD5, PD6, PD7	PAD
12	1	RV1	50K
13	3	R1, R3, R9	100
14	2	R6, R2	1k
15	4	R4, R7, R8, R11	10K
16	1	R5	2.2K
17	1	R10	11K5
18	3	TL1, TL2, TL3	TLINE_L
19	1	TL4	TLINE_M
20	1	U1	LM358SMD
21	1	U2	LM50C



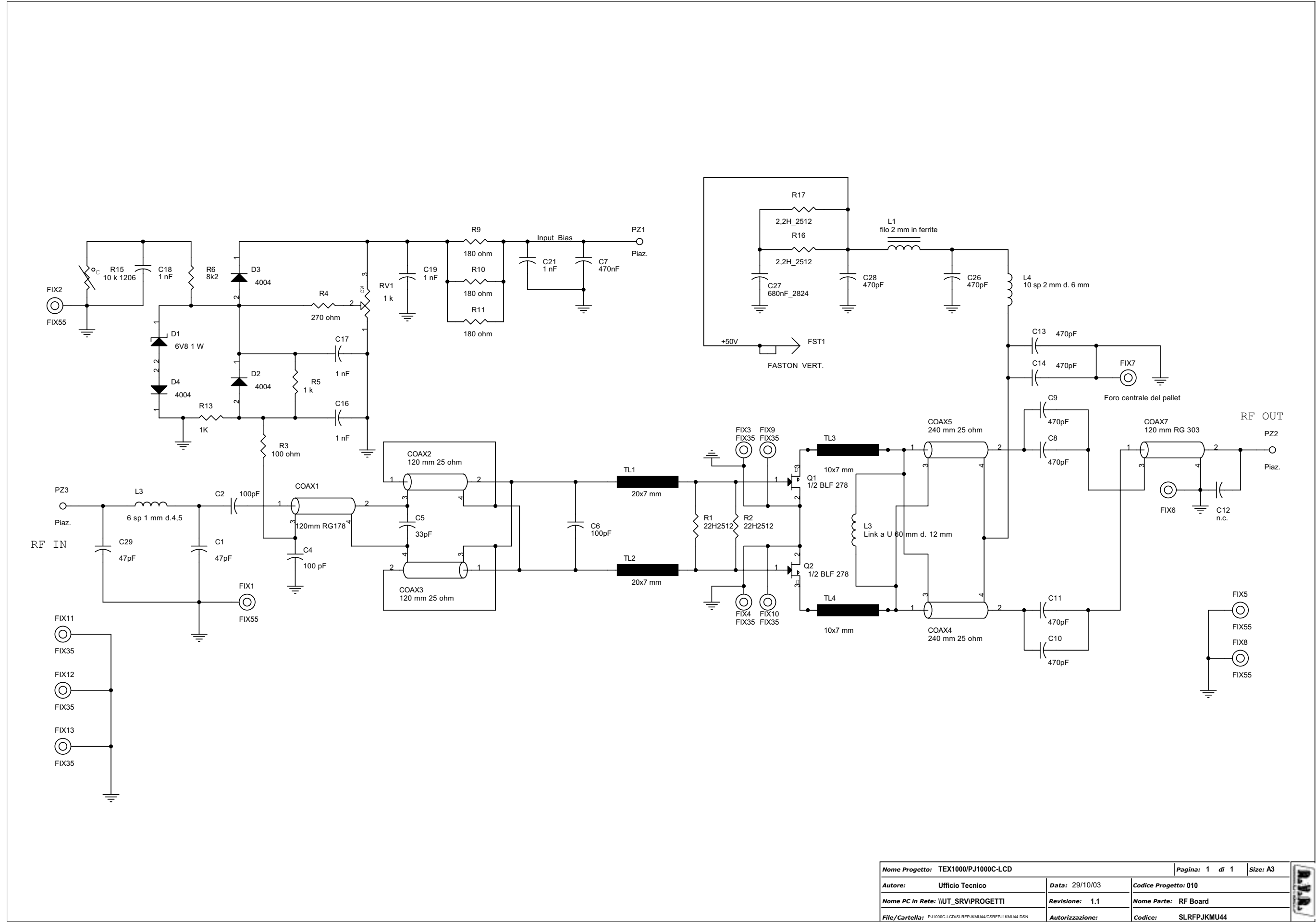
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Autore:	Ufficio Tecnico	Data:	29/10/03
Nome PC in Rete:	\\UT_SRV\PROGETTI	Revisione:	1.0
File/Cartella:	PJ1000C-LCD\SLP\J1KC1\SLP\J1KC1	Autore:	SLP\J1KC1

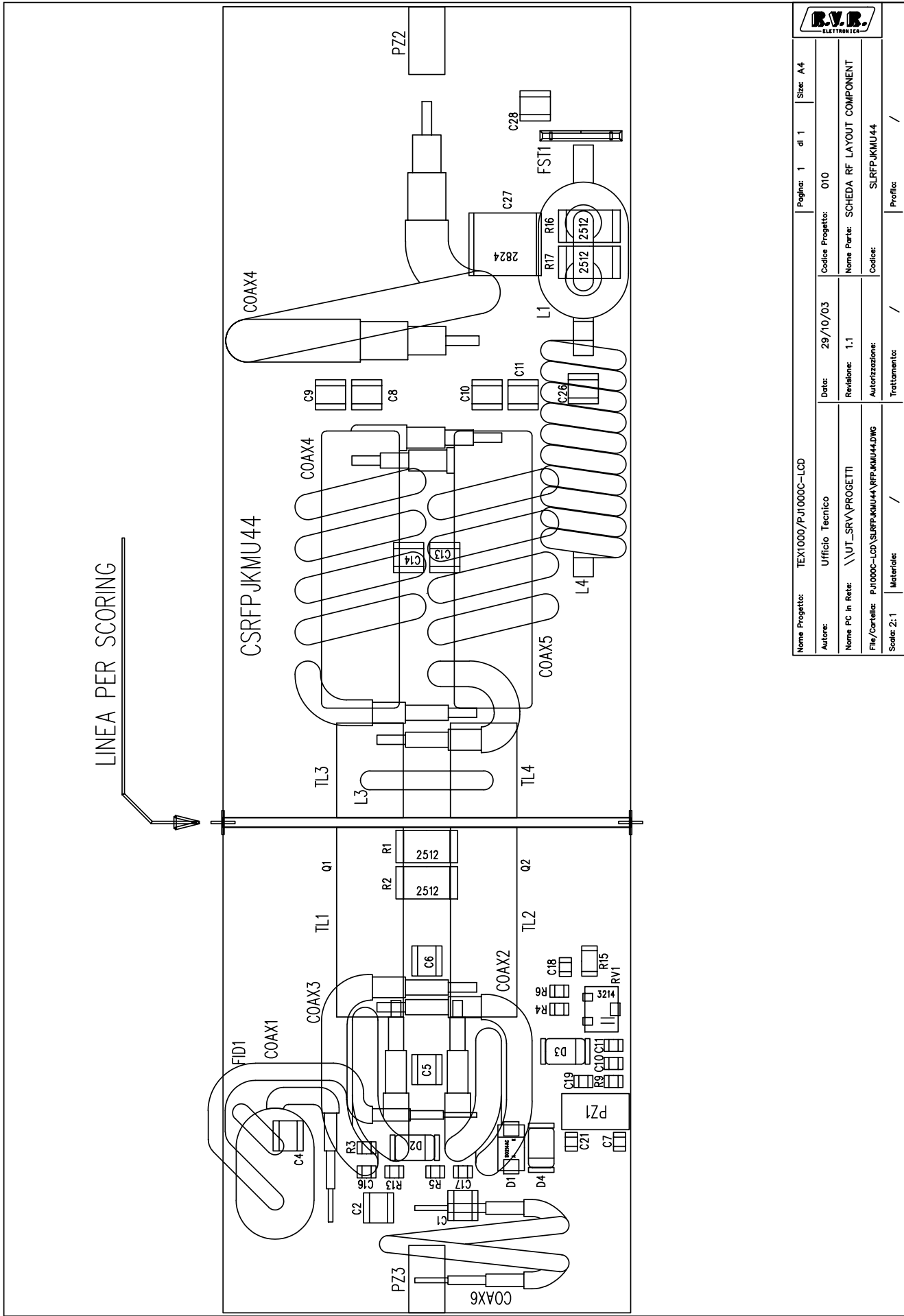


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Autore:	Ufficio Tecnico	Data:	29/10/03
Nome PC in Rete:	\\UT_SRV\PROGETTI	Revisione:	1.0
File/Cartella:	PJ1000C-LCD\SLP\J1KC1\SLP\J1KC1	Autore:	SLP\J1KC1

SCHEDA SPLITTER Revised: Oct 30, 2003
 SLSPLPJ1KC1 Revision: 1.0
 TEX1000/PJ1000C-LCD

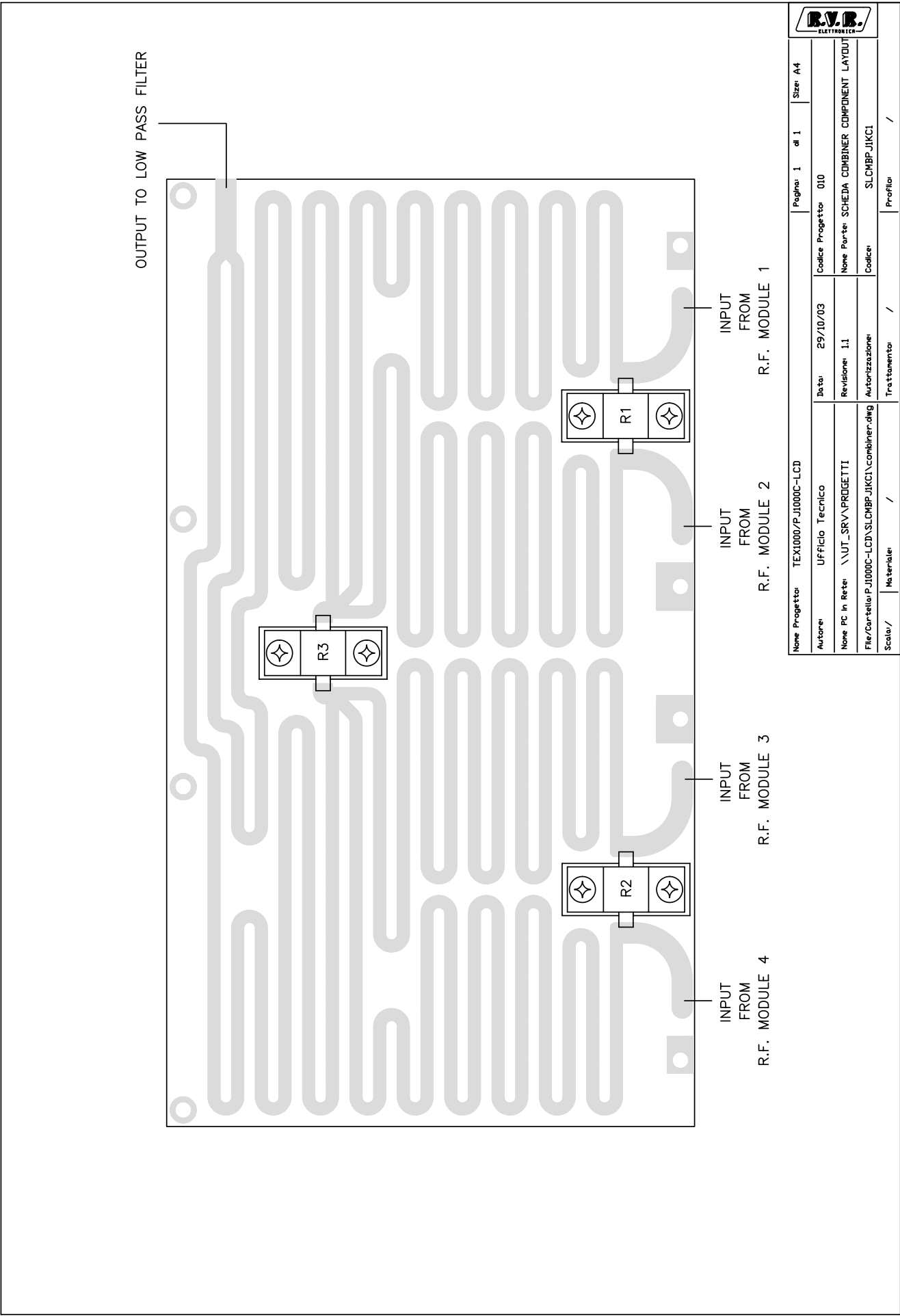
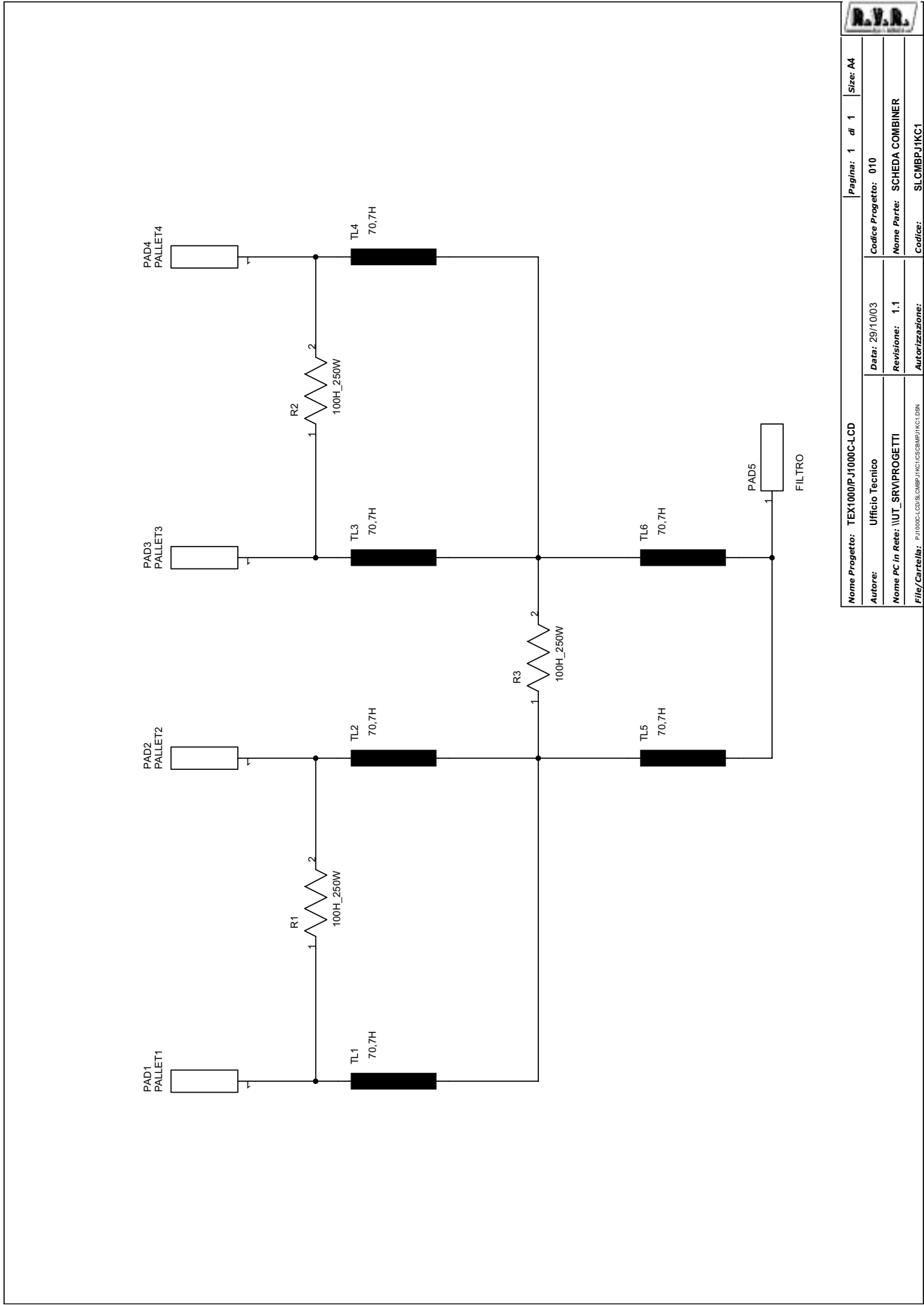
Item	Quantity	Reference	Part
1	1	PAD1	PALLET1
2	1	PAD2	PALLET2
3	1	PAD3	PALLET3
4	1	PAD4	PALLET4
5	1	PAD5	DRIVER
6	6	R1, R2, R3, R4, R5, R6	330H
7	1	R7	100H_CADDOCK
8	6	TL1, TL2, TL3, TL4, TL5, TL6	70,7H





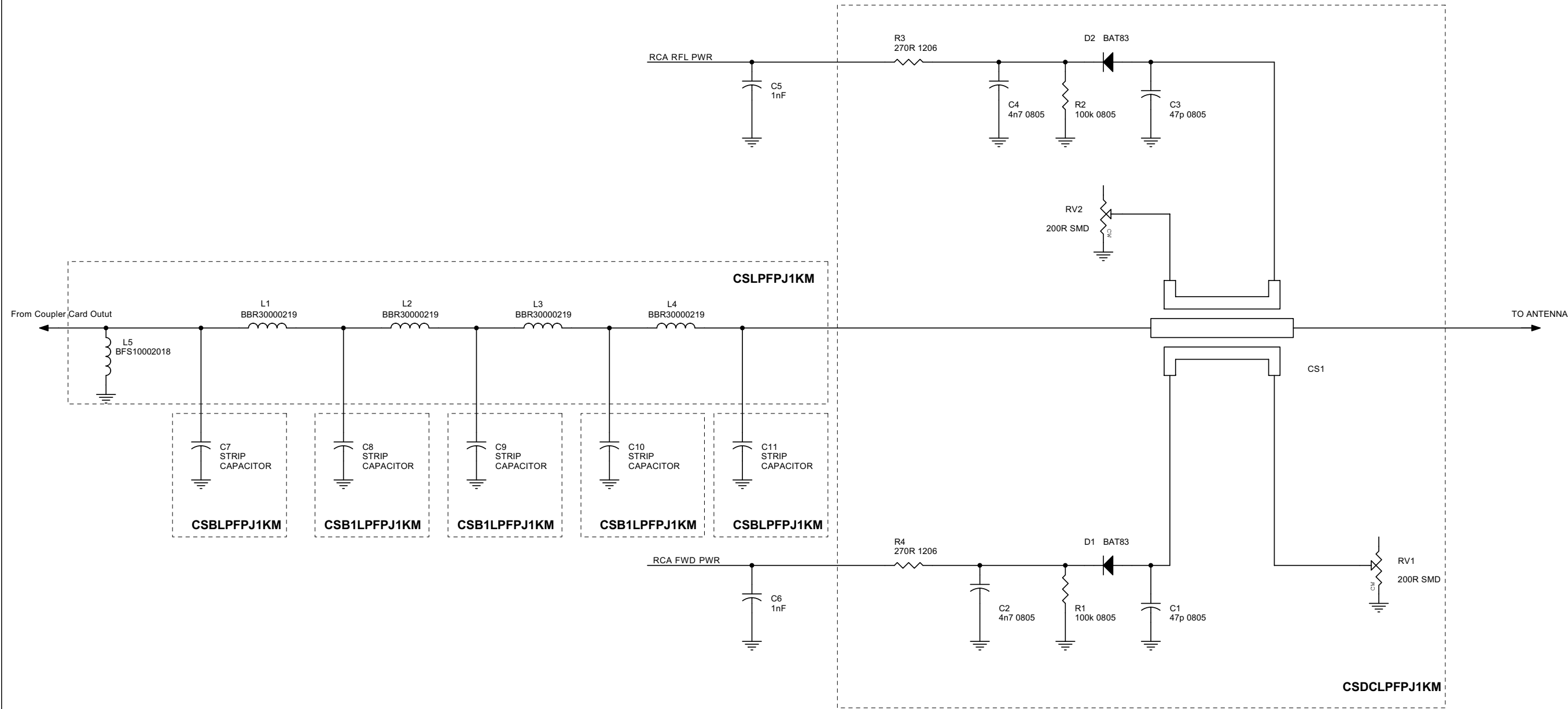
RF Board Revised: Oct 30, 2003
SLRFPJKMU44 Revision: 1.1
TEX1000/PJ1000C-LCD

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	2	C29, C1	47pF
6	2	C6, C2	100pF
7	1	C4	100 pF
8	1	C5	33pF
9	1	C7	470nF
10	8	C8, C9, C10, C11, C13, C14, C26, C28	470pF
11	1	C12	n.c.
12	5	C16, C17, C18, C19, C21	1 nF
13	1	C27	680nF_2824
14	1	D1	6V8 1 W
15	3	D2, D3, D4	4004
16	4	FIX1, FIX2, FIX5, FIX8	FIX55
17	7	FIX3, FIX4, FIX9, FIX10, FIX11, FIX12, FIX13	FIX35
18	1	FIX6	Foro M3 in alto a destra
19	1	FIX7	Foro centrale del pallet
20	1	FST1	FASTON VERT.
21	1	L1	filo 2 mm in ferrite
22	1	L3	Link a U 60 mm d. 12 mm
23	1	L3	6 sp 1 mm d.4,5
24	1	L4	10 sp 2 mm d. 6 mm
25	3	PZ1, PZ2, PZ3	Piaz.
26	2	Q2, Q1	1/2 BLF 278
27	2	R5, RV1	1 k
28	2	R2, R1	22H2512
29	1	R3	100 ohm
30	1	R4	270 ohm
31	1	R6	8k2
32	3	R9, R10, R11	180 ohm
33	1	R13	1K
34	1	R15	10 k 1206
35	2	R16, R17	2,2H_2512
36	2	TL2, TL1	20x7 mm
37	2	TL3, TL4	10x7 mm

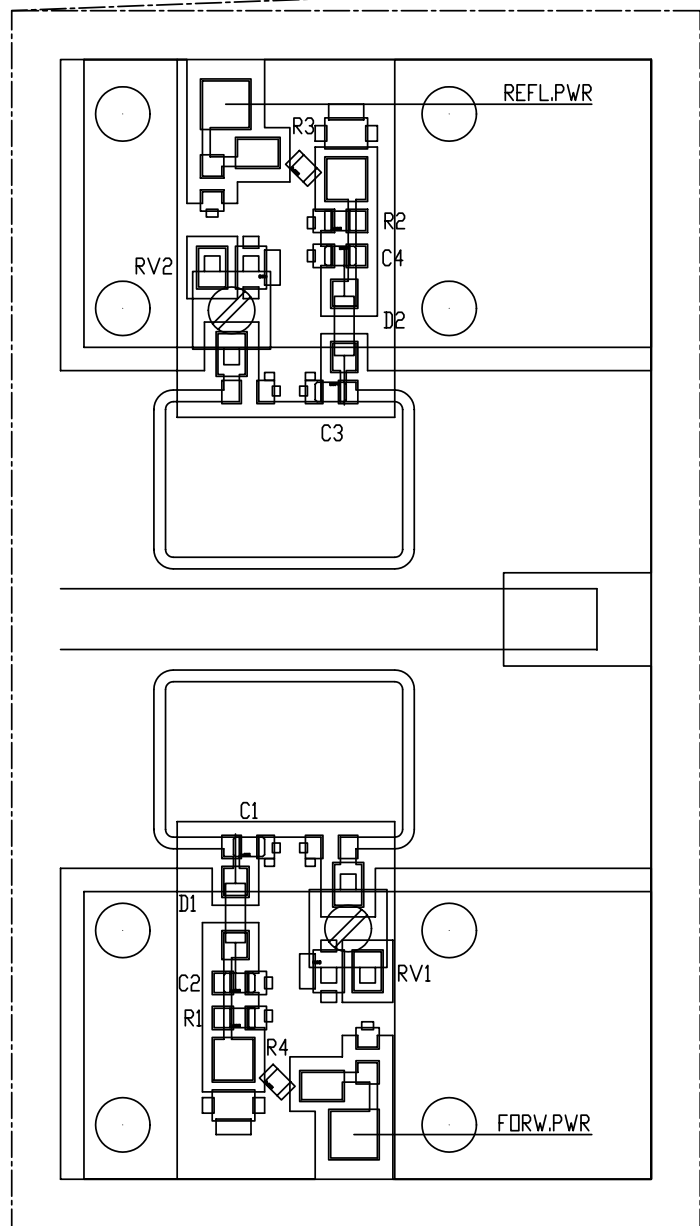


SCHEDA COMBINER Revised: Oct 30, 2003
 SLCMBPJ1KC1 Revision: 1.1
 TEX1000/PJ1000C-LCD

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



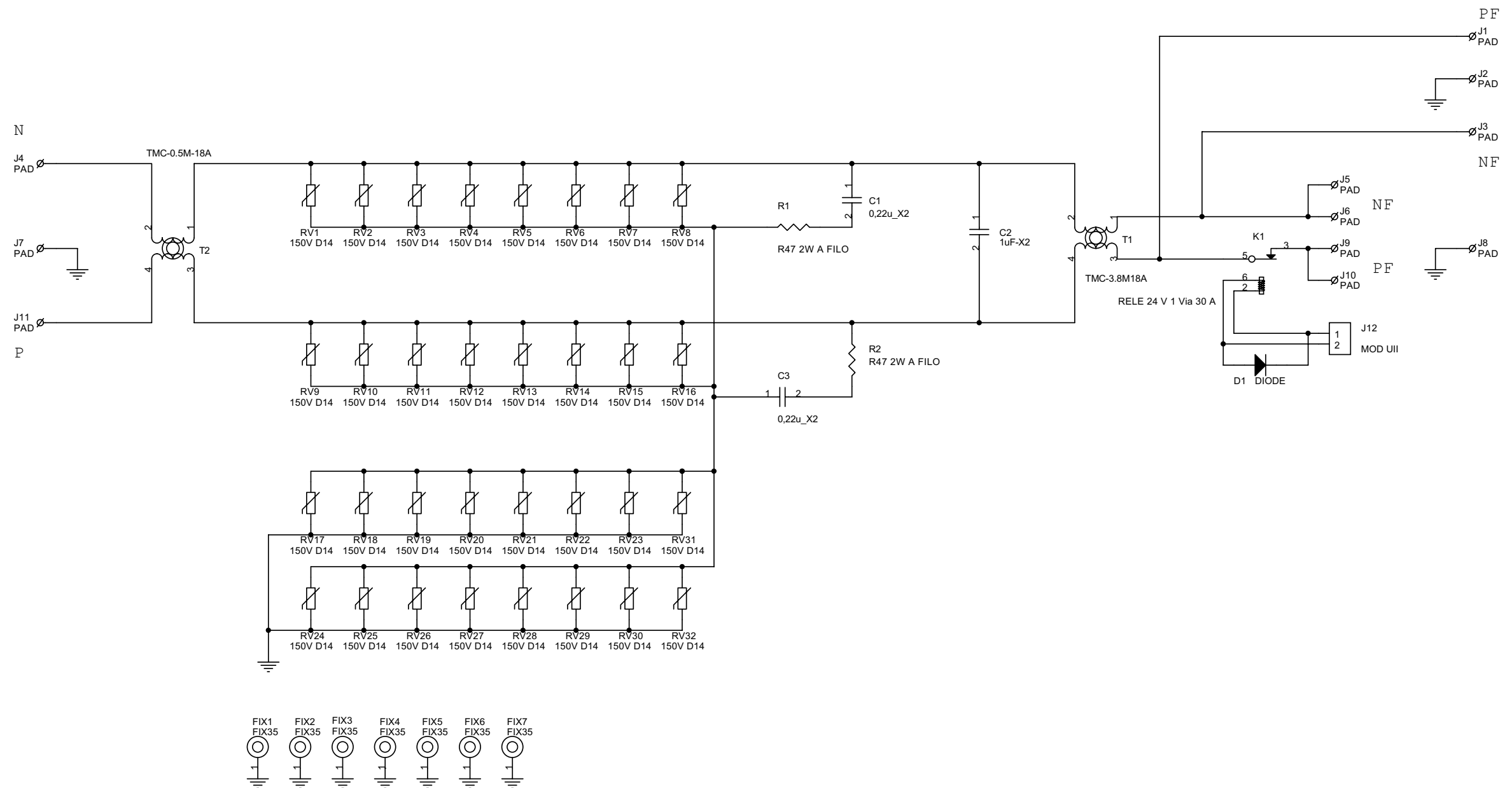
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Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI	Revisione: 2.1	Nome Parte: Scheda Filtro LPFTEX1000	
File/Cartella: PJ1000C-LCD\SLPFPFPJ1KM\SLPFPFPJ1KM.DSN	Autorizzazione:	Codice: SLPFPFPJ1KL	



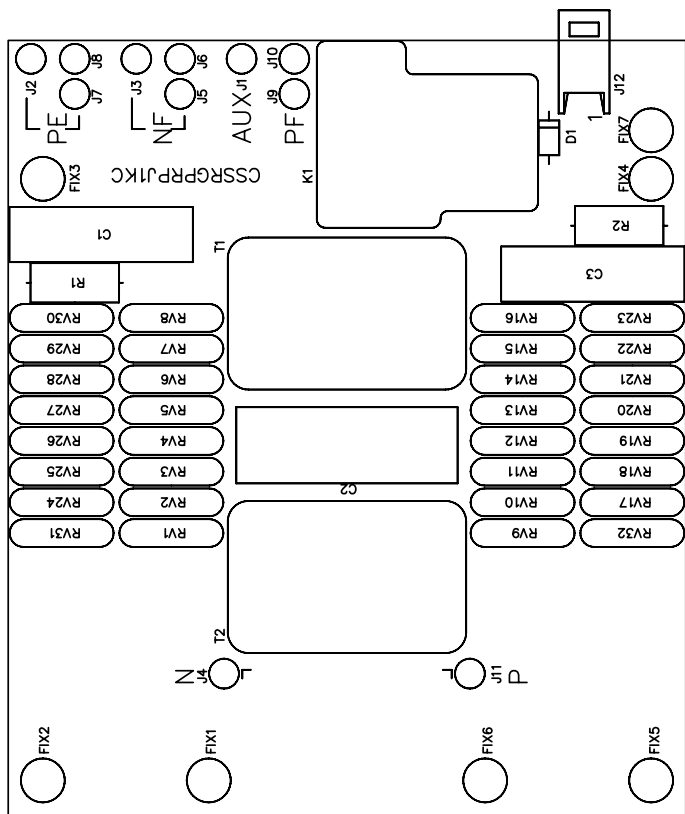
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Autore: Ufficio Tecnico		Data: 29/10/03	Codice Progetto: 010		
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 2,2	Nome Parte: LPF + DIRECTIONAL COUPLER		
File/Cartella: PJ1000C-LCD\SLLPFTEX1KL\LPF.DWG		Autorizzazione:	Codice: SLLPFTEX1KL		
Scala: /	Materiale: /	Trattamento: /	Profilo: /		

Scheda Filtro LPFTEX1000 Revised: Oct 30, 2003
 SLLPFTEX1KL Revision: 2.1
 TEX1000/PJ1000C-LCD

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



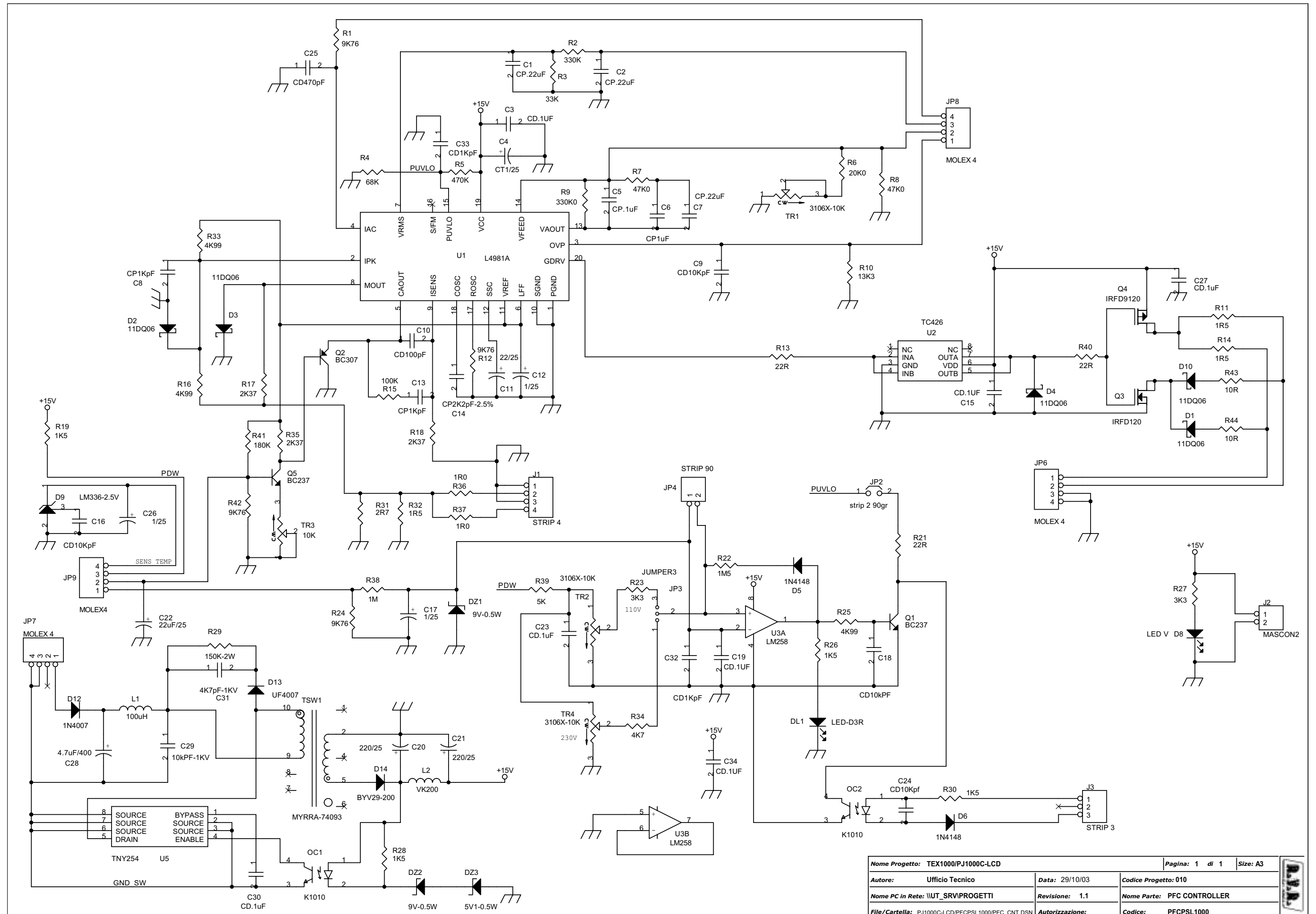
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Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI	Revisione: 1.0	Nome Parte: Scheda Surge Protection	
File/Cartella: PJ1000C-LCD\SLSRGPRPJ1KM\SLSRGPRPJ1KC.DSN	Autorizzazione:	Codice: SLSRGPRPJ1KM	

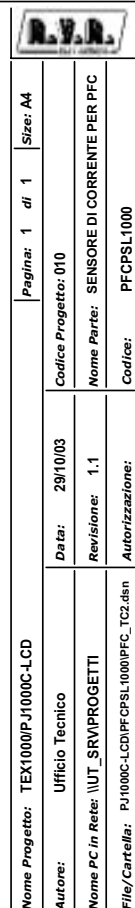
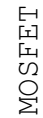
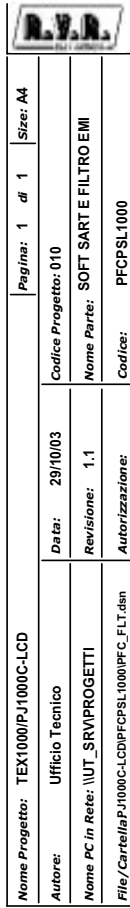


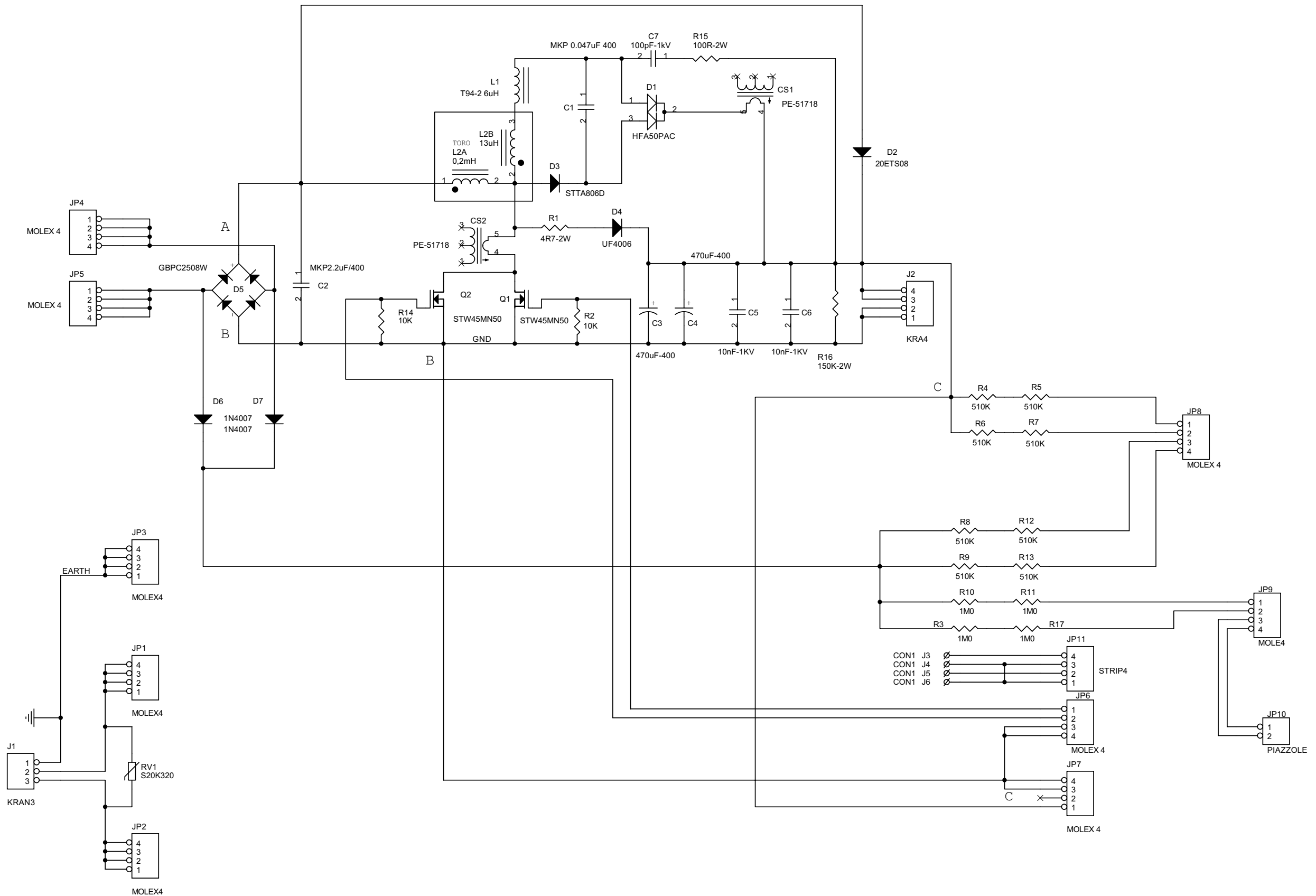
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Autore: Ufficio Tecnico		Codice Progetto: 010		Nome Parte: Surge Protection Component Layout	
Nome PC in Rete: \\UT_SRV\PROGETTI		Data: 29/10/03		Codice: SLSRGPRP-J1KM	
File/Cartella: PJ1000C-LCD\SLSRGPRP-J1KM\CSSRGPR.dwg		Revisione: 1.1		Trattamento: /	
Scala: /		Autore: /		Profilo: /	

Scheda Surge Protection Revised: Oct 30, 2003
SLSRGPRPJ1KM Revision: 1.0
TEX1000/PJ1000C-LCD

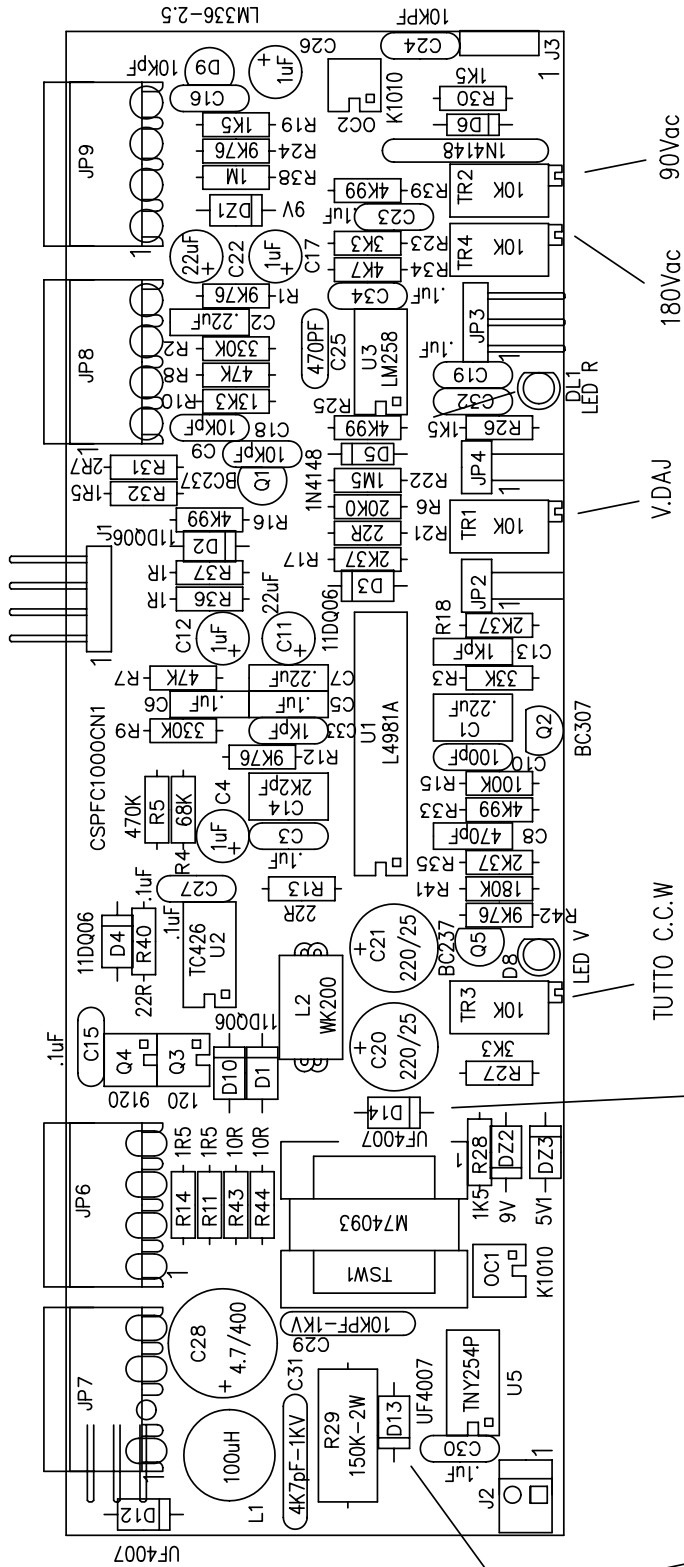
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2	1	C2	1uF-X2
3	1	D1	DIODE
4	7	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7	FIX35
5	11	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11	PAD
6	1	J12	MOD UII
7	1	K1	RELE 24 V 1 Via 30 A
8	32	RV1, RV2, RV3, RV4, RV5, RV6, RV7, RV8, RV9, RV10, RV11, RV12, RV13, RV14, RV15, RV16, RV17, RV18, RV19, RV20, RV21, RV22, RV23, RV24, RV25, RV26, RV27, RV28, RV29, RV30, RV31, RV32	150V D14
9	2	R2, R1	R47 2W A FILO
10	1	T1	TMC-3.8M18A
11	1	T2	TMC-0.5M-18A







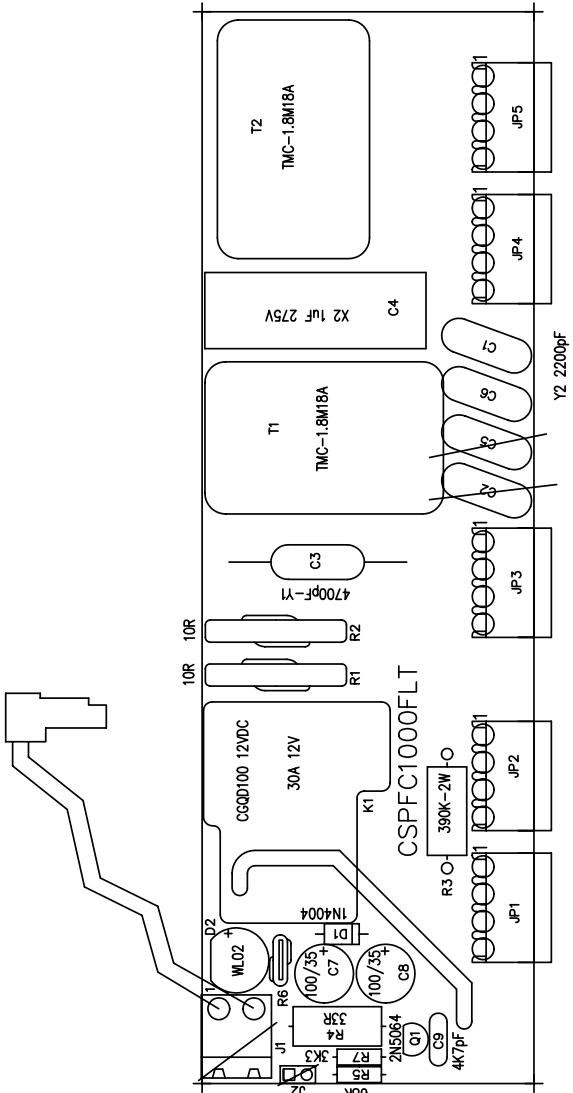
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Nome PC in Rete: \UT_SRV\PROGETTI	Revisione: 1.1	Nome Parte: PFC POWER	
File/Cartella: PJ1000C-LCD\PFCPSL1000\PFC_PWR.dsn	Autorizzazione:	Codice: PFCPSL1000	



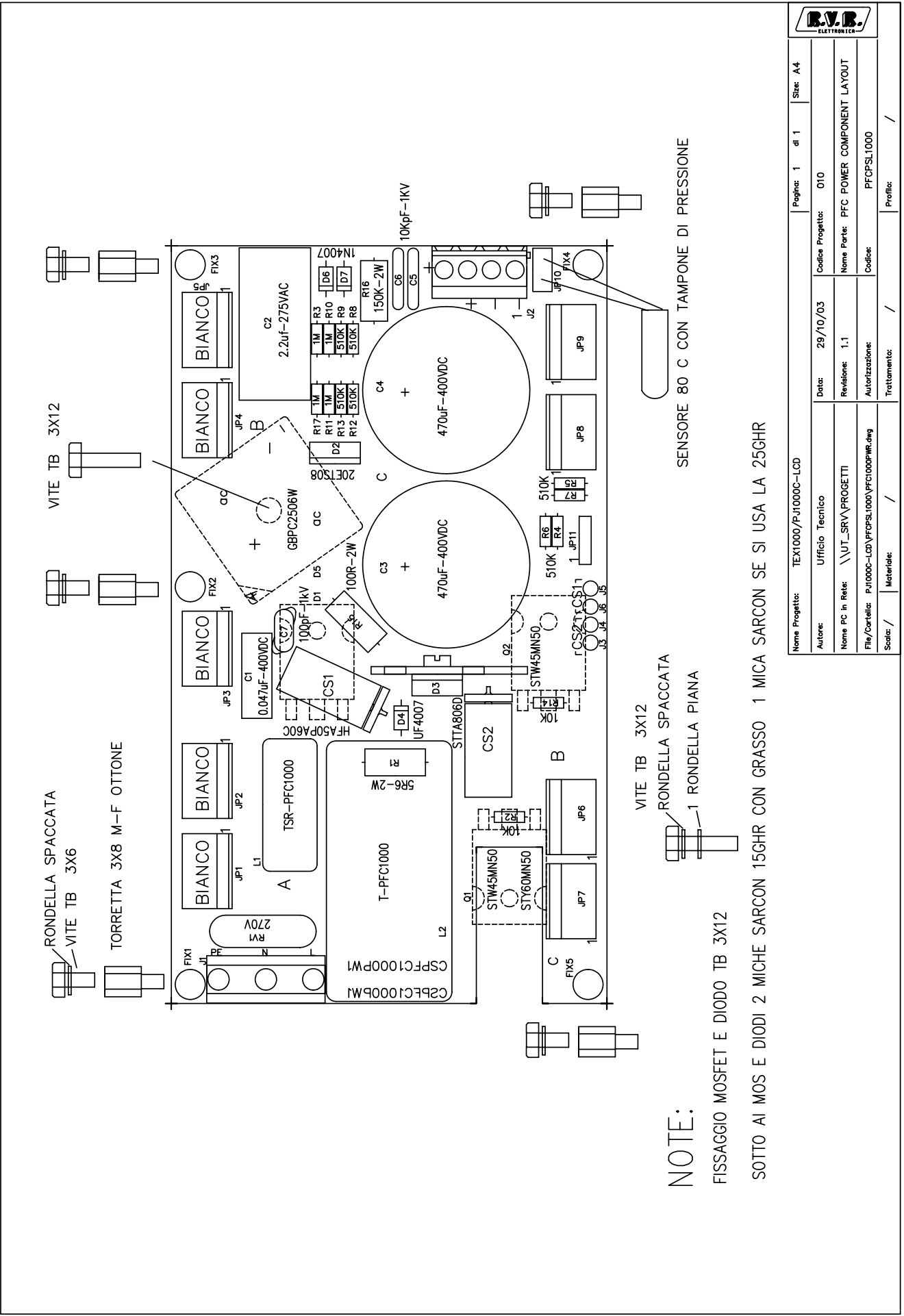
MONTARLI LEGGERMENTE SOLLEVATI

TUTTO C.C.W

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Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010		
Nome PC in Rete: \\UT_SRV\PROGETTI	Revisione: 1.1	Nome Parte: PFC CONTROLLER COMPONENT LAYOUT		
File/Carrello: PJ1000C-LCD\VFPCSL1000\VFPC1000CMT.dwg	Autore: PFCPSL1000	Codice: PFCPSL1000		
Scala: /	Materiale: /	Trattamento: /	Profilo: /	



Nome Progetto: TEX1000/PJ1000C-LCD		Pagina: 1	di 1	Size: A4
Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010		
Nome PC in Rete: \\UT_SRV\PROGETTI	Revisione: 1.1	Nome Parte: SOFT START E FILTRO EMI		
File/Carrello: PJ1000C-LCD\VFPCSL1000\VFPC1000CMT.dwg	Autore: PFCPSL1000	Codice: PFCPSL1000		
Scala: /	Materiale: /	Trattamento: /	Profilo: /	



PFC CONTROLLER Revised: Oct 30, 2003
PFCPSL1000 Revision: 1.1
TEX1000/PJ1000C-LCD

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	TSW1	MYRRA-74093
72	1	U1	L4981A
73	1	U2	TC426
74	1	U3	LM258
75	1	U5	TNY254

SOFT SART E FILTRO EMI Revised: Oct 30, 2003
PFCPSL1000 Revision: 1.1
TEX1000/PJ1000C-LCD

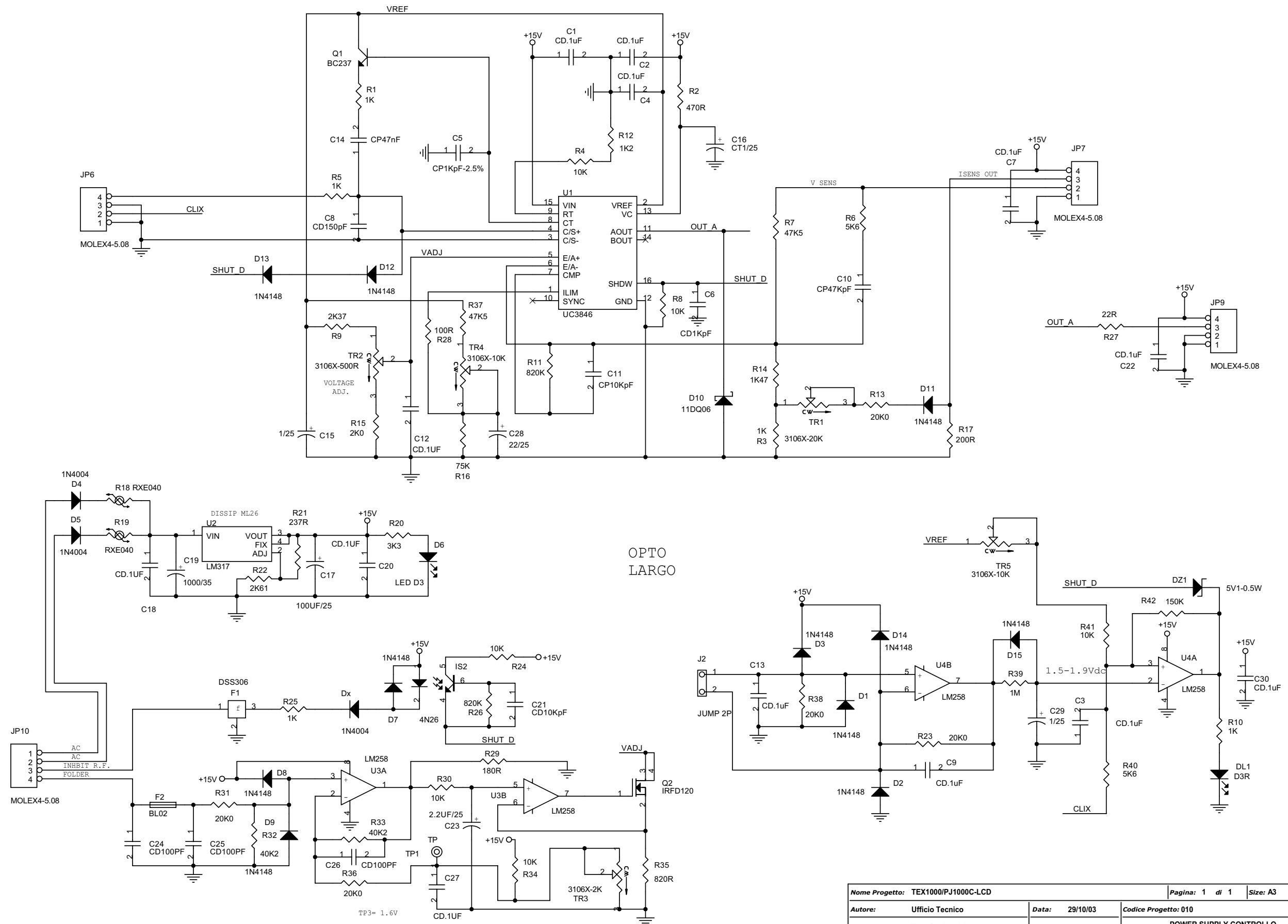
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1	4	C1, C2, C5, C6	Y2-4700pF
2	2	C4, C3	X2-1uF
3	1	C7	220/35
4	1	C8	100/35
5	1	C9	CD4K7pF
6	1	D1	1N4004
7	1	D2	WL02
8	5	JP1, JP2, JP3, JP4, JP5	MOLEX4
9	1	J1	KB2
10	1	J2	2 Piazzole
11	1	K1	250VAC 30A
12	1	Q1	2N5064
13	2	R2, R1	10R
14	1	R3	390K-2W
15	1	R4	33R
16	1	R5	68K
17	1	R6	x
18	1	R7	3K3
19	1	T1	2X1.8mH
20	1	T2	2X1.8MmH

PFC POWER Revised: Oct 30, 2003
PFCPSL1000 Revision: 1.1
TEX1000/PJ1000C-LCD

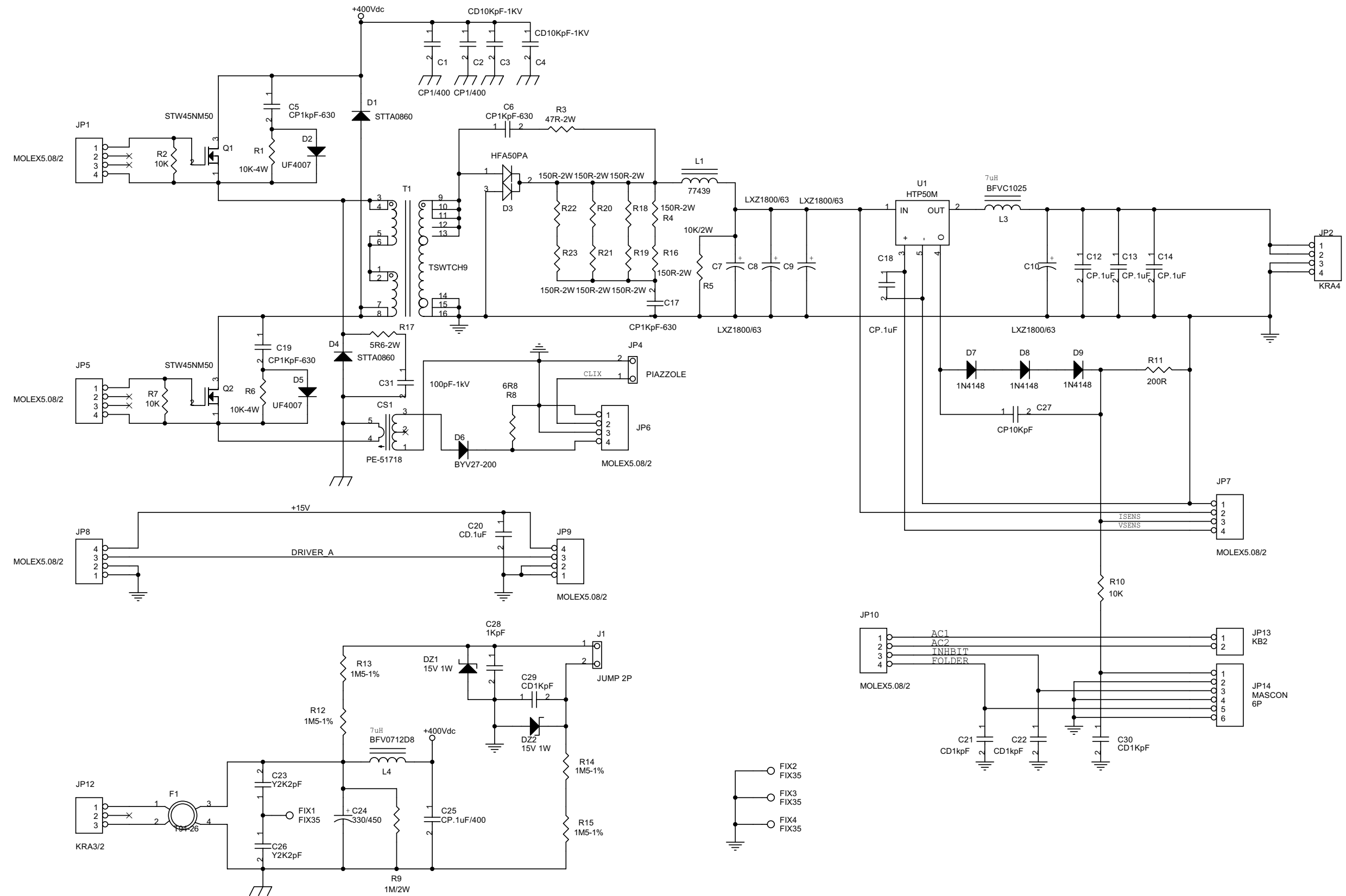
Item	Quantity	Reference	Part
1	2	CS2, CS1	PE-51718
2	1	C1	MKP 0.047uF 400
3	1	C2	MKP2.2uF/400
4	2	C4, C3	470uF-400
5	2	C5, C6	10nF-1KV
6	1	C7	100pF-1kV
7	1	D1	HFA50PAC
8	1	D2	20ETS08
9	1	D3	STTA806D
10	1	D4	UF4006
11	1	D5	GBPC2508W
12	2	D7, D6	1N4007
13	3	JP1, JP2, JP3	MOLEX4
14	5	JP4, JP5, JP6, JP7, JP8	MOLEX 4
15	1	JP9	MOLE4
16	1	JP10	PIAZZOLE
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	STW45MN50
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

SENSORE DI CORRENTE PER PFC Revised: Oct 30, 2003
PFCPSL1000 Revision: 1.1
TEX1000/PJ1000C-LCD

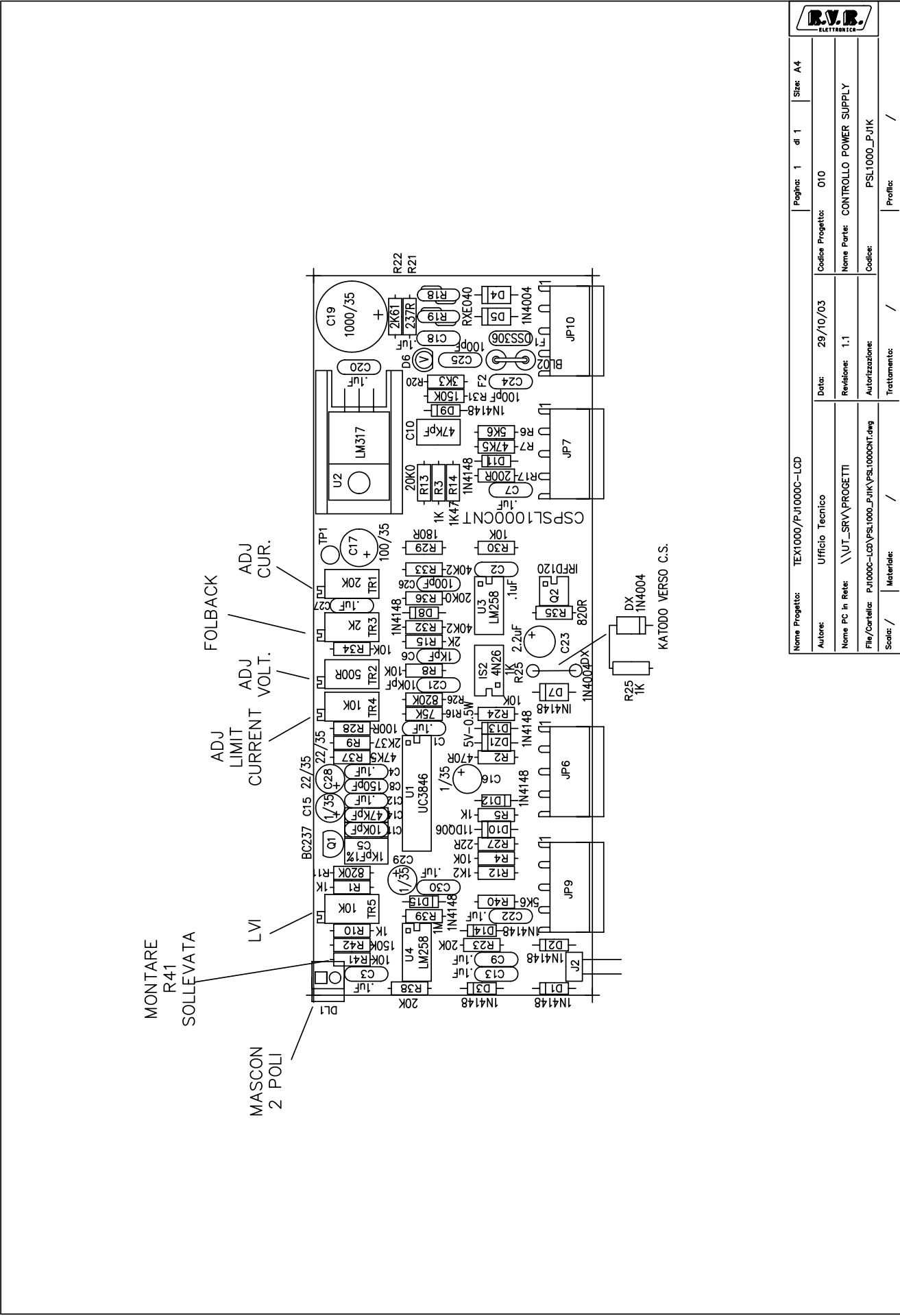
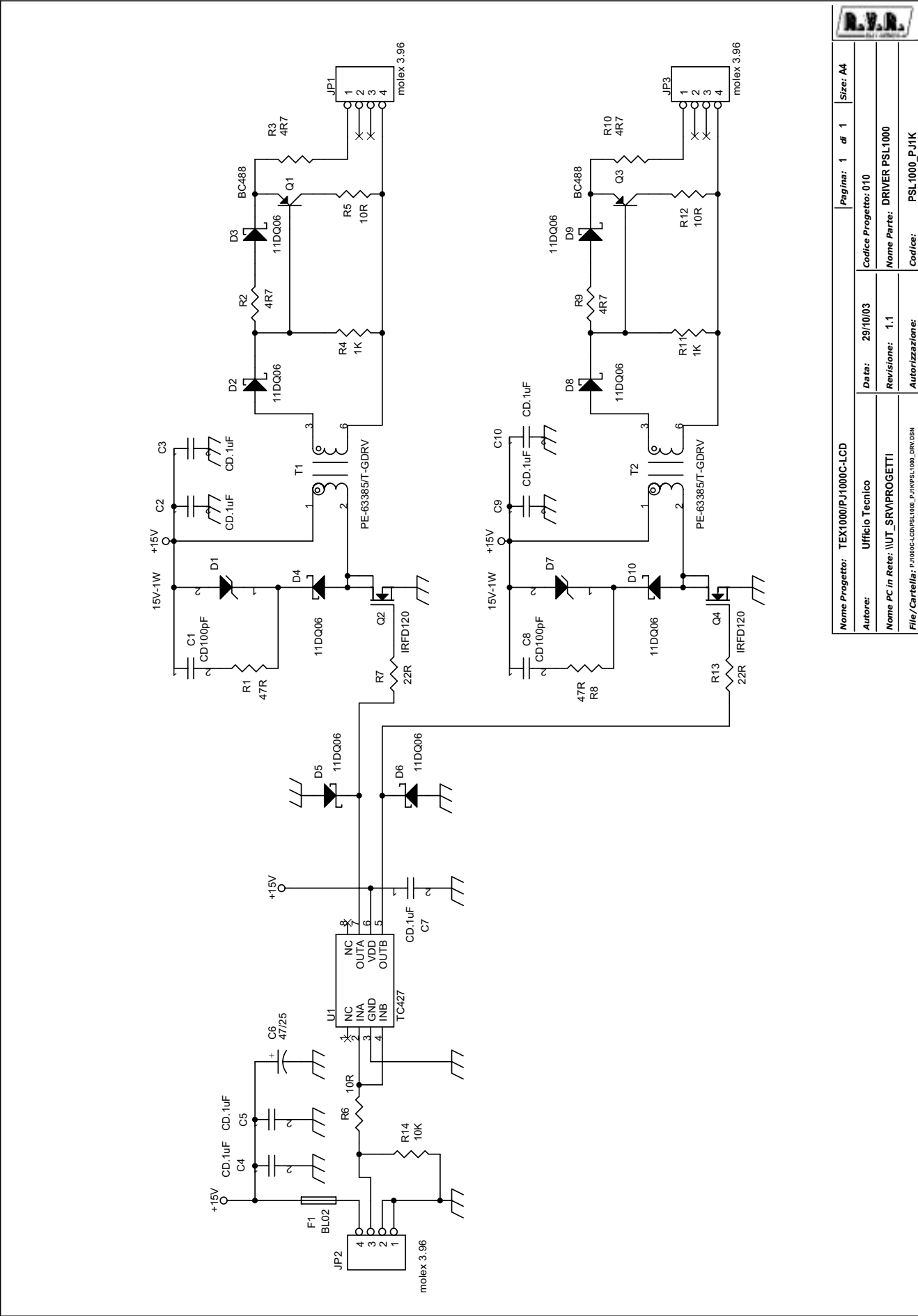
Item	Quantity	Reference	Part
1	2	CS1, CS2	PE-51718
2	2	D2, D1	BYV27-200
3	2	JP1, JP2	FILO
4	2	PD1, PD4	LUNENO
5	2	PD2, PD3	LUNE
6	2	R2, R1	X



Nome Progetto: TEX1000/PJ1000C-LCD		Pagina: 1 di 1	Size: A3
Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010	
Nome PC in Rete: \UT_SRV\PROGETTI	Revisione: 1.1	Nome Parte: POWER SUPPLY CONTROLLO	
File/Cartella: PJ1000C-LCD\PSL1000_PJ1K\PSL1000_CNT.DSN	Autorizzazione:	Codice: PSL1000_PJ1K	



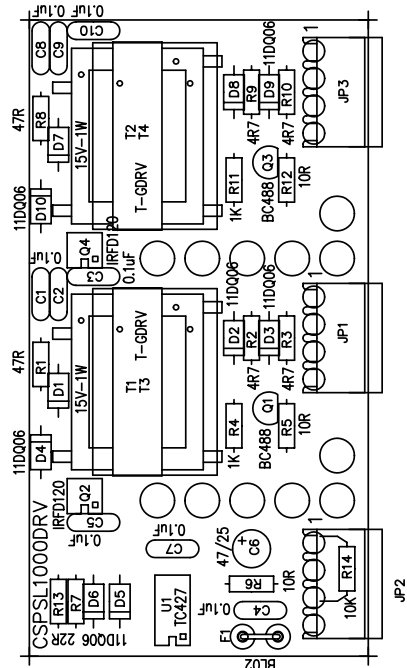
Nome Progetto: TEX1000/PJ1000C-LCD		Pagina: 1 di 1	Size: A3
Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010	
Nome PC in Rete: \IUT_SRV\PROGETTI	Revisione: 2.1	Nome Parte: POWER SECTION PSL1000	
File/Cartella: PJ1000C-LCD\PSL1000_PJ1K\PSL1000_PWR_SM.DSN	Autorizzazione:	Codice: PSL1000_PJ1K	





SOTTO AI MOS E AL DIODO GRASSO SILIC CON 1 MICA SARCON 25GHR

Nome Progetto: TEX1000/PJ1000C-LCD		Pagina: 1 di 1		Size: A3
Autore: Ufficio Tecnico		Data: 29/10/03	Codice Progetto: 010	
Nome PC in Rete: \\UT_SRV\PROGETTI		Revisione: 1.1	Nome Parte: POWER SECTION PSL1000	
File/Cartella: PJ1000C-LCD\PSL1000_PJ1K\PSL1000MNT_SM.dwg		Autorizzazione:	Codice: PSL1000_PJ1K	
Scala: /	Materiale: /	Trattamento: /	Profilo: /	



R.V.R. ELETTRONICA		Size: A4	
Nome Progetto:	TEX1000/PJ1000C-LCD	Pagina:	1 di 1
Autore:	Ufficio Tecnico	Codice Progetto:	010
Nome PC in Rete:	\\UT_SRV\PROGETTI	Nome Parte:	DRIVER POWER SUPPLY
File/Cartelle:	PJ1000C-LCD\PSL1000_PJ1K\PSL1000DRV.dwg	Revisione:	1.1
Scala:	/	Autore:	PSL1000_PJ1K
		Trattamento:	/

POWER SUPPLY CONTROLLO Revised: Oct 30, 2003
PSL1000_PJ1K Revision: 1.1
TEX1000/PJ1000C-LCD

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

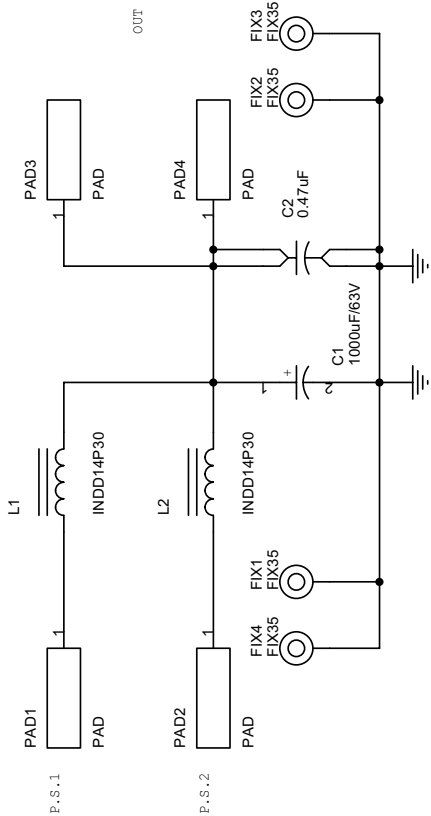
Item	Quantity	Reference	Part
50	1	R35	820R
51	1	R39	1M
52	1	R42	150K
53	1	TP1	TP
54	1	TR1	3106X-20K
55	1	TR2	3106X-500R
56	1	TR3	3106X-2K
57	2	TR5, TR4	3106X-10K
58	1	U1	UC3846
59	1	U2	LM317
60	2	U4, U3	LM258

DRIVER PSL1000 Revised: Oct 30, 2003
 PSL1000_PJ1K Revision: 1.1
 TEX1000/PJ1000C-LCD

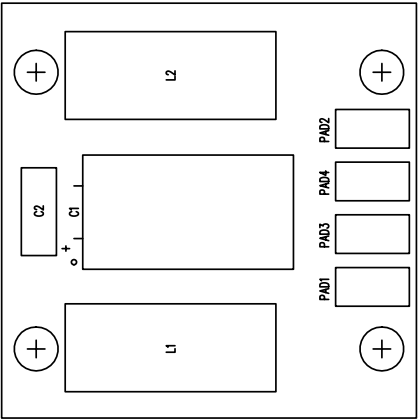
Item	Quantity	Reference	Part
1	2	C1, C8	CD100pF
2	7	C2, C3, C4, C5, C7, C9, C10	CD.1uF
3	1	C6	47/25
4	2	D7, D1	15V-1W
5	8	D2, D3, D4, D5, D6, D8, D9, D10	11DQ06
6	1	F1	BL02
7	3	JP1, JP2, JP3	molex 3.96
8	2	Q3, Q1	BC488
9	2	Q4, Q2	IRFD120
10	2	R1, R8	47R
11	4	R2, R3, R9, R10	4R7
12	2	R4, R11	1K
13	3	R5, 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: Oct 30, 2003
 PSL1000_PJ1K Revision: 2.1
 TEX1000/PJ1000C-LCD

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



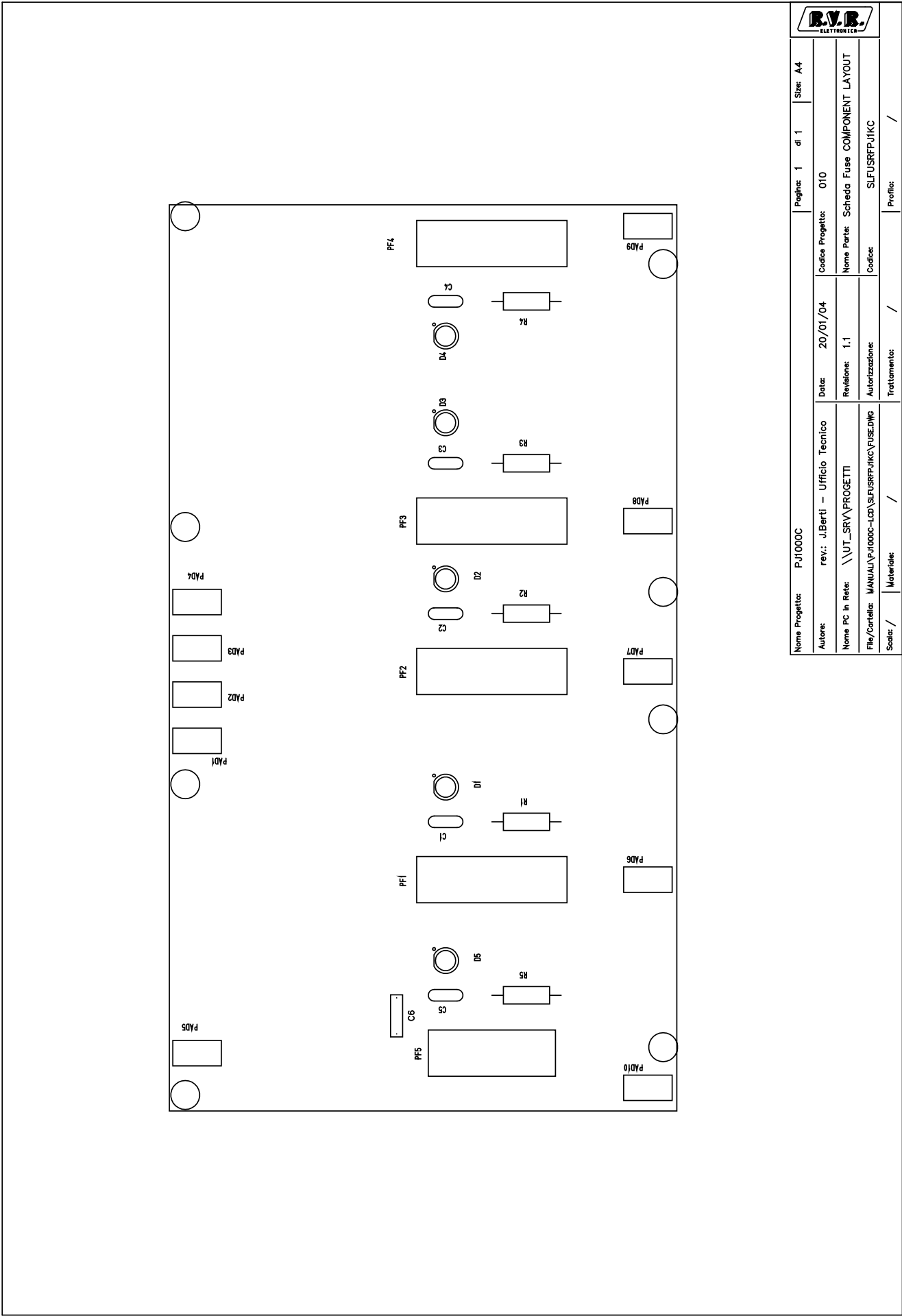
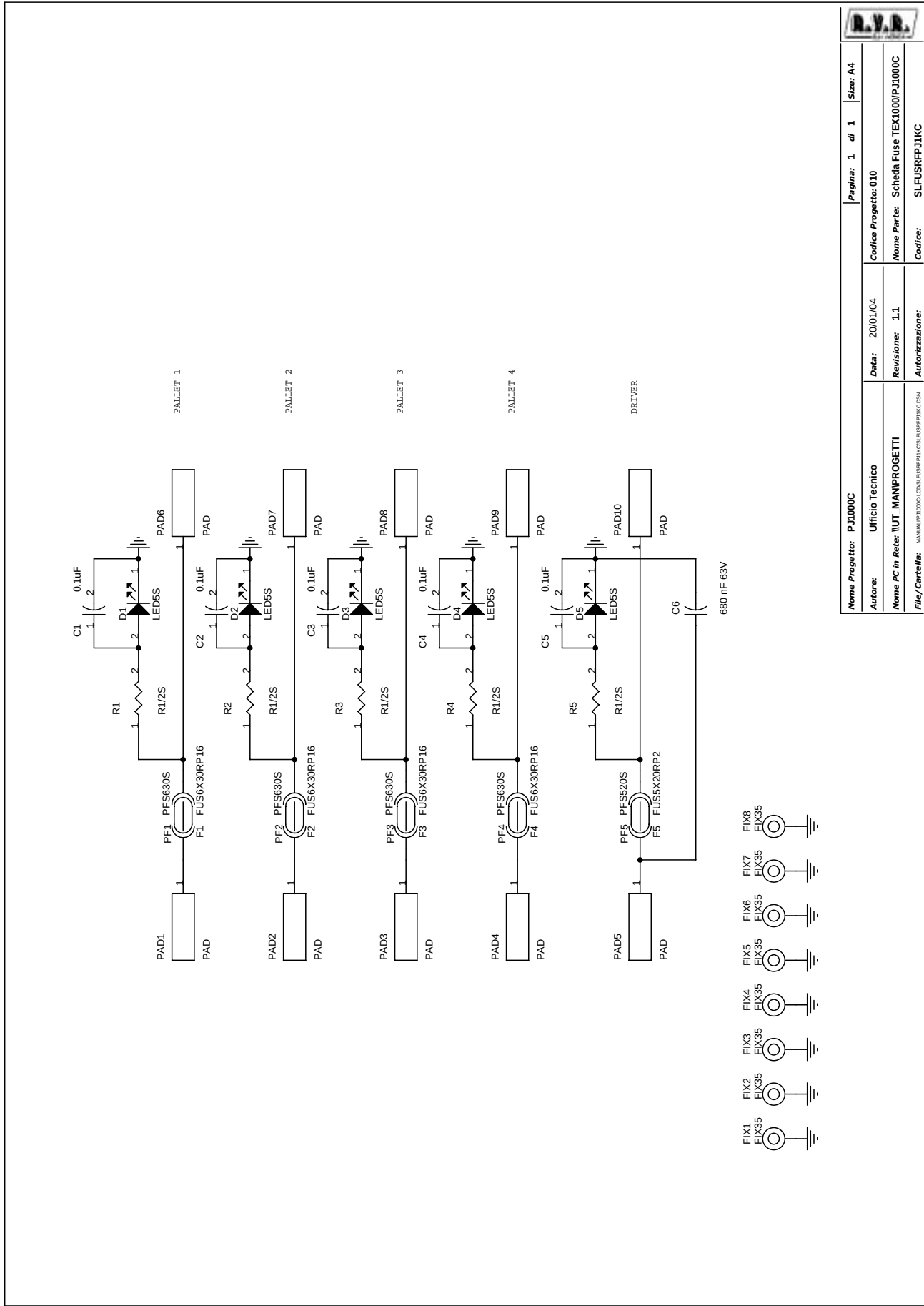
Nome Progetto: TEX1000/PJ1000C-LCD			
Autore:	Ufficio Tecnico	Data:	29/10/03
Nome PC in Rete:	\\UT_SRV\PROGETTI	Revisione:	1.1
File/Cartella:	PJ1000C-LCD\FILE\PROJ\KIC\UT\PJ1000C-LCD	Autore:	S.L.F.P.S.P.J.K.C.



Nome Progetto: TEX1000/PJ1000C-LCD			
Autore:	Ufficio Tecnico	Data:	29/10/03
Nome PC in Rete:	\\UT_SRV\PROGETTI	Revisione:	1.1
File/Cartella:	PJ1000C-LCD\FILE\PROJ\KIC\UT\PJ1000C-LCD	Autore:	S.L.F.P.S.P.J.K.C.

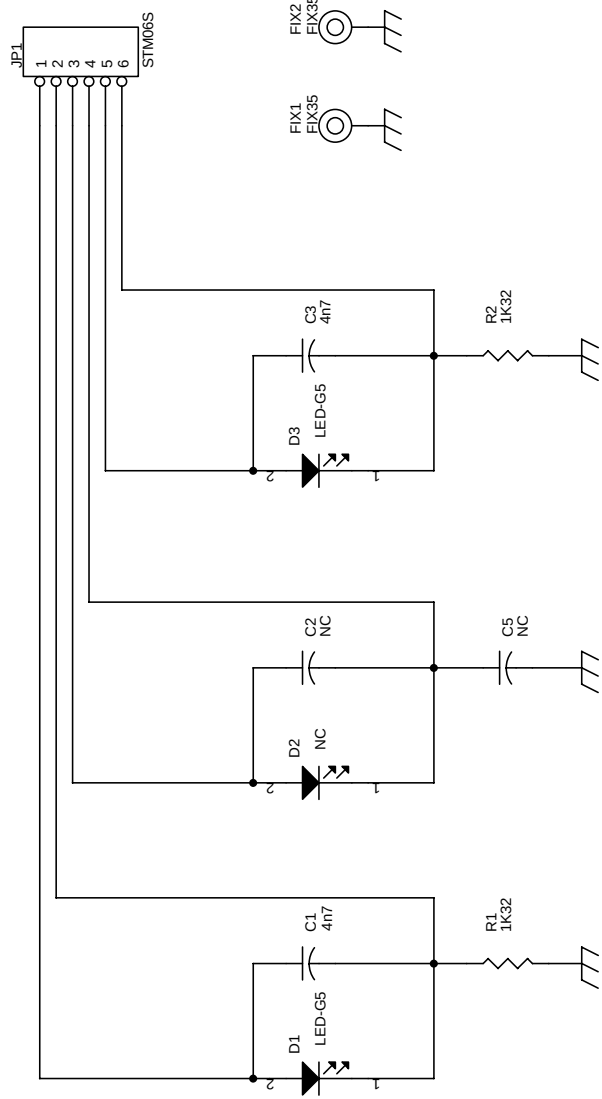
Scheda filtro TEX1000/PJ1000C Revised: Oct 30, 2003
 SLFILPSPJ1KC Revision: 1.1
 TEX1000/PJ1000C-LCD

Item	Quantity	Reference	Part
1	1	C1	1000uF/63V
2	1	C2	0.47uF
3	4	FIX1, FIX2, FIX3, FIX4	FIX35
4	2	L2, L1	INDD14P30
5	4	PAD1, PAD2, PAD3, PAD4	PAD

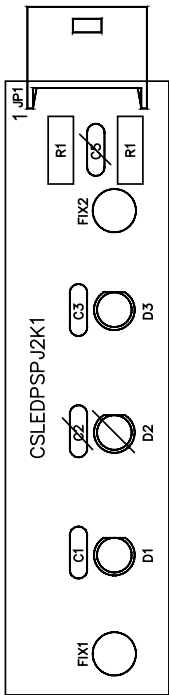


Scheda Fuse TEX1000/PJ1000C Revised: Jan 20, 2004
 SLFUSRFPJ1KC Revision: 1.1
 TEX1000

Item	Q.ty	Reference	Part
1	5	C1, C2, C3, C4, C5	0.1uF
2	1	C6	680 nF 63 V
3	5	D1, D2, D3, D4, D5	LED5S
4	8	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8	FIX35
5	4	F1, F2, F3, F4	FUS6X30RP16
6	1	F5	FUS5X20RP2
7	10	PAD1, PAD2, PAD3, PAD4, PAD5, PAD6, PAD7, PAD8, PAD9, PAD10	PAD
8	4	PF1, PF2, PF3, PF4	PFS630S
9	1	PF5	PFS520S
10	5	R1, R2, R3, R4, R5	R1/2S



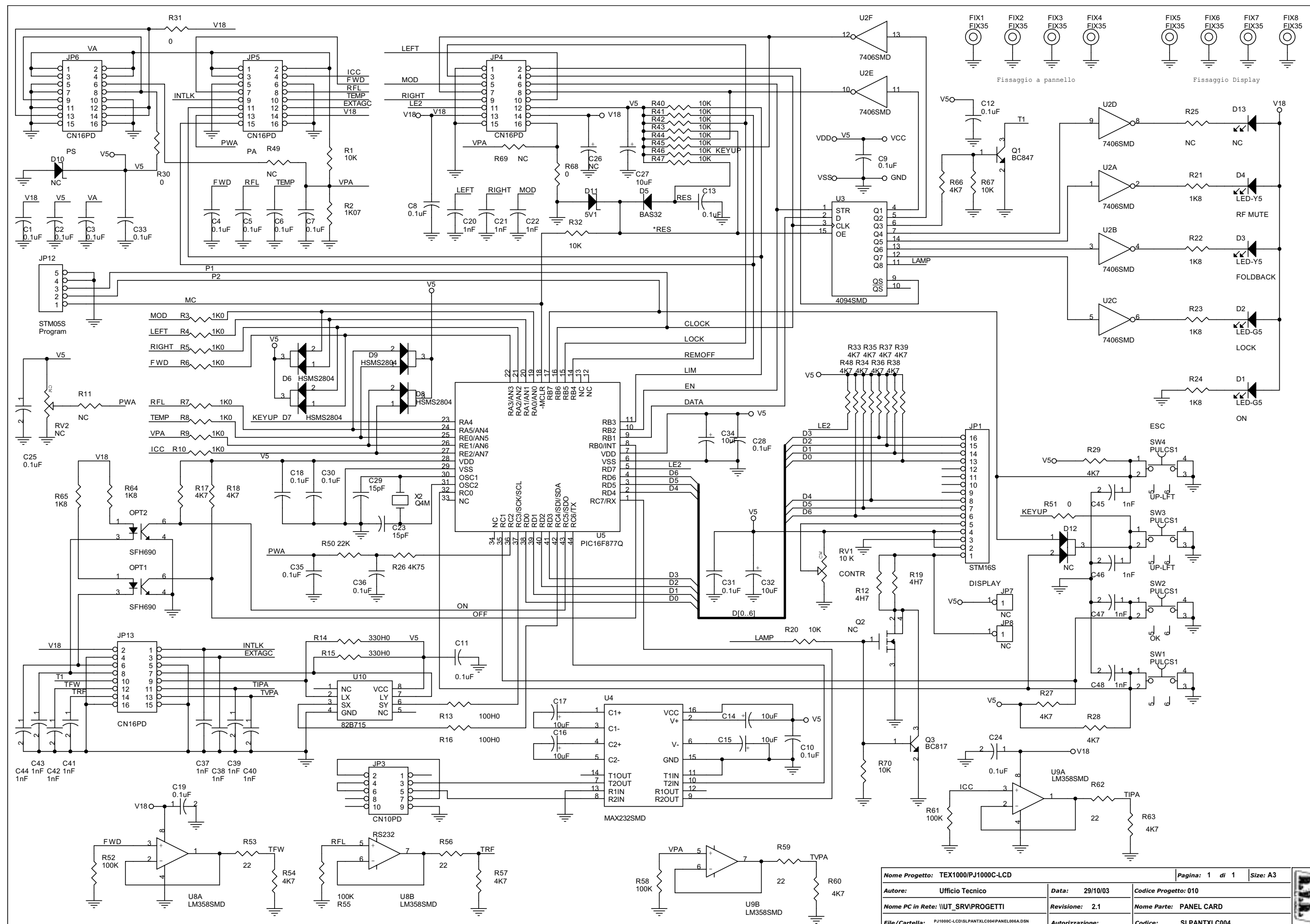
Nome Progetto: TEX1000/PJ1000C-LCD			
Autore: Ufficio Tecnico	Data: 20/01/04	Codice Progetto: 010	Pagina: 1 di 1
Nome PC in Rete: \UT_SRV\PROGETTI	Revisione: 1.3	Nome Parte: Scheda LED PS	Size: A4
File/Cartella: PJ1000C-LCD\SLEDPSTEX1K\CSLEDPSPJ2K1	Autorizzazione:	Codice: SLEDPSTEX1K	

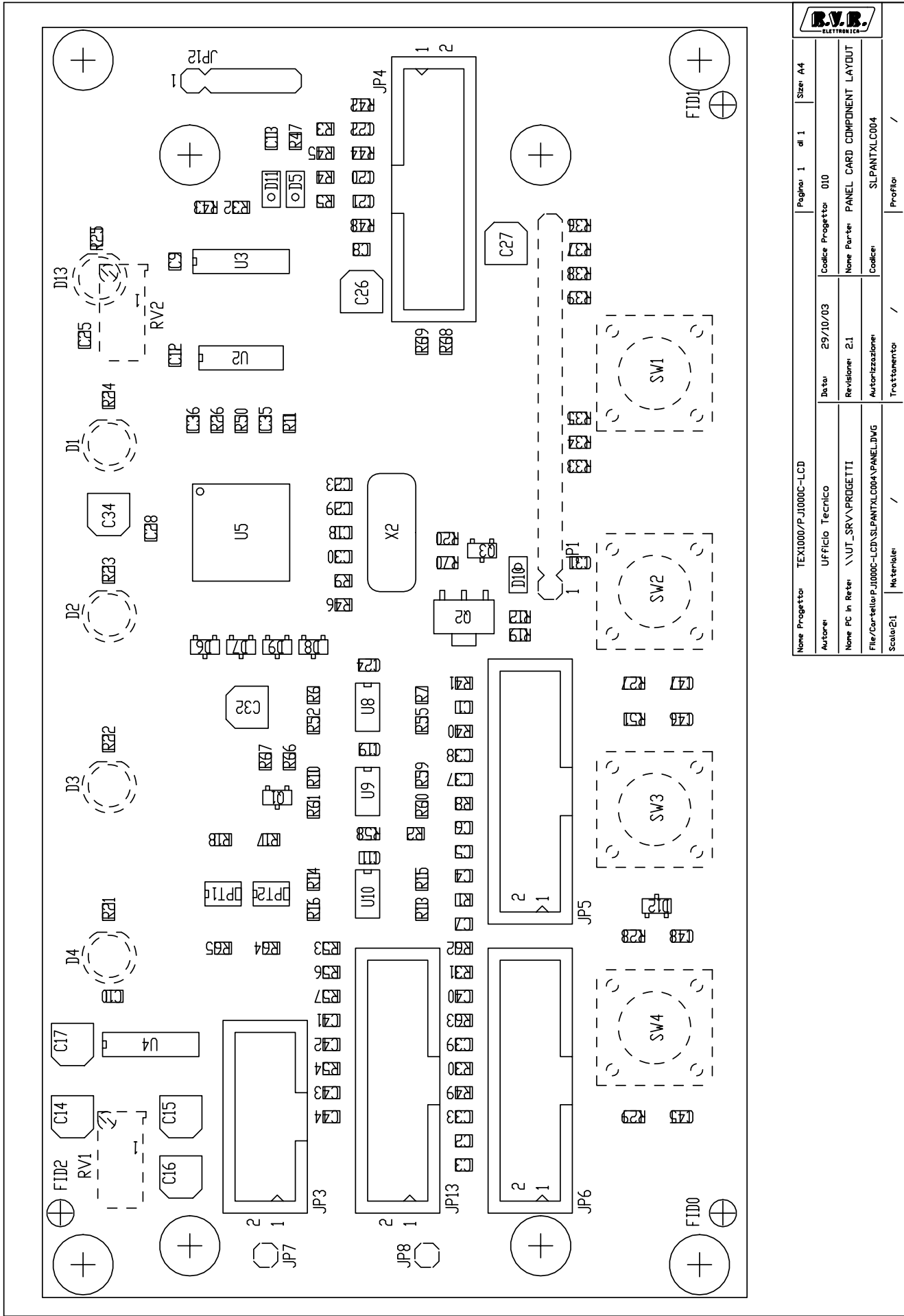


Nome Progetto: TEX1000/PJ1000C-LCD			
Autore: rev: J.Berti - Ufficio Tecnico	Data: 20/01/04	Codice Progetto: 010	Pagina: 1 di 1
Nome PC in Rete: \UT_SRV\PROGETTI	Revisione: 1.3	Nome Parte: Scheda LED PS Layout Component	Size: A4
File/Cartella: PJ1000C-LCD\SLEDPSTEX1K\AUM_SDC.DWG	Autorizzazione:	Codice: SLEDPSTEX1K	
Scala: /	Materiale: /	Trattamento: /	Profilo: /

Scheda LED PS Revised: Jan 20, 2004
 SLLEDPSTEX1K Revision: 1.3
 TEX1000/PJ1000C-LCD

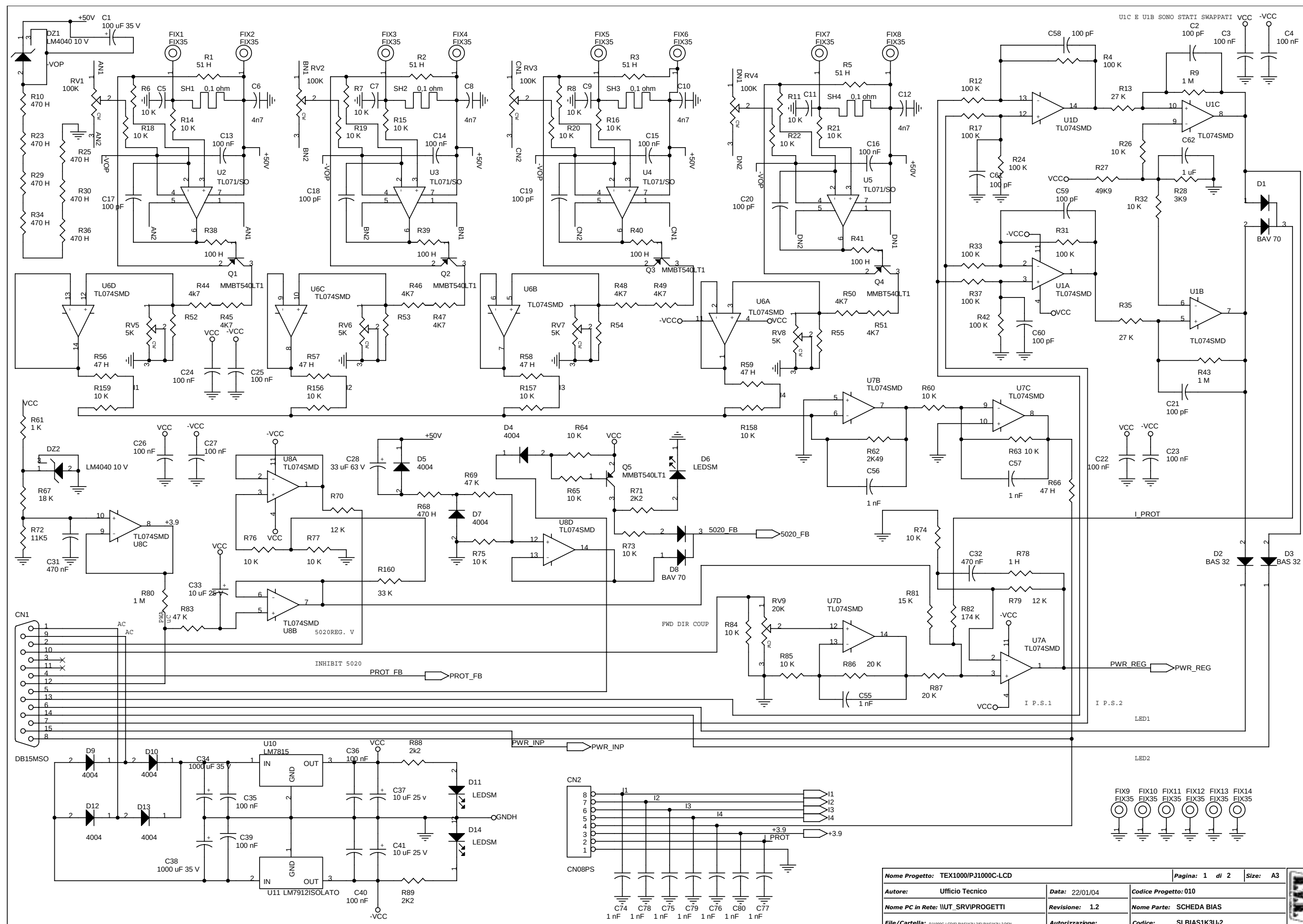
Item	Quantity	Reference	Part
1	2	C1, C3	4n7
2	3	D2, C2, C5	NC
3	2	D1, D3	LED-G5
4	2	FIX1, FIX2	FIX35
5	1	JP1	STM06S
6	2	R2, R1	1K32

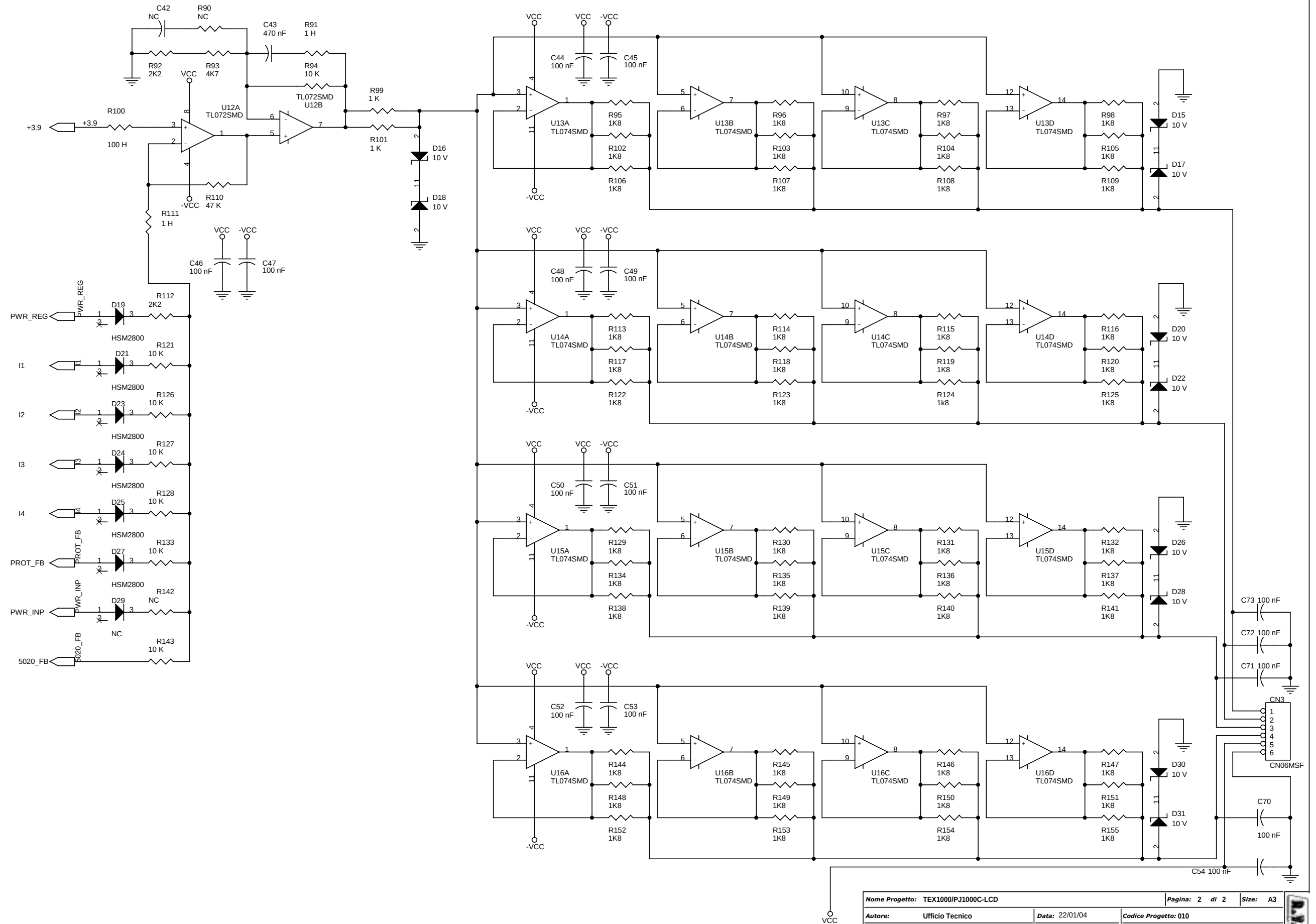




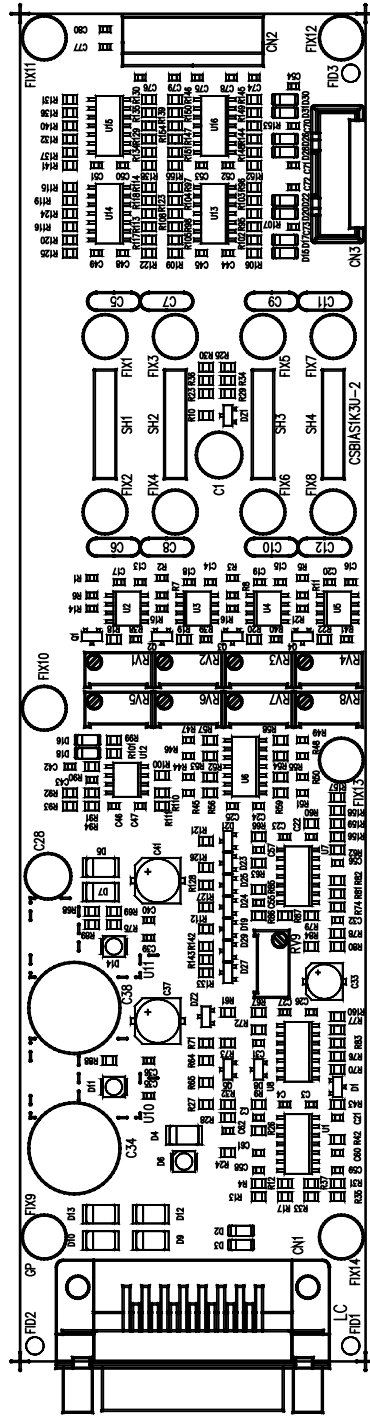
PANEL CARD Revised: Oct 30, 2003
SLPANTXLC004 Revision: 2.1
TEX1000/PJ1000C-LCD

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	7	C14, C15, C16, C17, C27, C32, C34	10uF
3	15	C20, C21, C22, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48	1nF
4	2	C23, C29	15pF
5	12	RV2, Q2, JP7, JP8, D10, R11, D12, D13, R25, C26, R49, R69	NC
6	2	D2, D1	LED-G5
7	2	D4, D3	LED-Y5
8	1	D5	BAS32
9	4	D6, D7, D8, D9	HSMS2804
10	1	D11	5V1
11	8	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8	FIX35
12	1	JP1	STM16S
13	1	JP3	CN10PD
14	4	JP4, JP5, JP6, JP13	CN16PD
15	1	JP12	STM05S
16	2	OPT2, OPT1	SFH690
17	1	Q1	BC847
18	1	Q3	BC817
19	1	RV1	10 K
20	13	R1, R20, R32, R40, R41, R42, R43, R44, R45, R46, R47, R67, R70	10K
21	1	R2	1K07
22	8	R3, R4, R5, R6, R7, R8, R9, R10	1K0
23	2	R19, R12	4H7
24	2	R13, R16	100H0
25	2	R14, R15	330H0
26	18	R17, R18, R27, R28, R29, R33, R34, R35, R36, R37, R38, R39, R48, R54, R57, R60, R63, R66	4K7
27	6	R21, R22, R23, R24, R64, R65	1K8
28	1	R26	4K75
29	4	R30, R31, R51, R68	0
30	1	R50	22K
31	4	R52, R55, R58, R61	100K
32	4	R53, R56, R59, R62	22
33	4	SW1, SW2, SW3, SW4	PULCS1
34	1	U2	7406SMD
35	1	U3	4094SMD
36	1	U4	MAX232SMD
37	1	U5	PIC16F877Q
38	2	U9, U8	LM358SMD
39	1	U10	82B715
40	1	X2	Q4M





Nome Progetto: TEX1000/PJ1000C-LCD		Pagina: 2 di 2	Size: A3
Autore: Ufficio Tecnico	Data: 22/01/04	Codice Progetto: 010	
Nome PC in Rete: \\\UT_SRV\PROGETTI	Revisione: 1.2	Nome Parte: SCHEDA BIAS	
File/Cartella: P31000C-1.CDS\SLBIAS\K3U-2\SLBIAS\K3U-2.DSN	Autorizzazione:	Codice: SLBIAS1K3U-2	



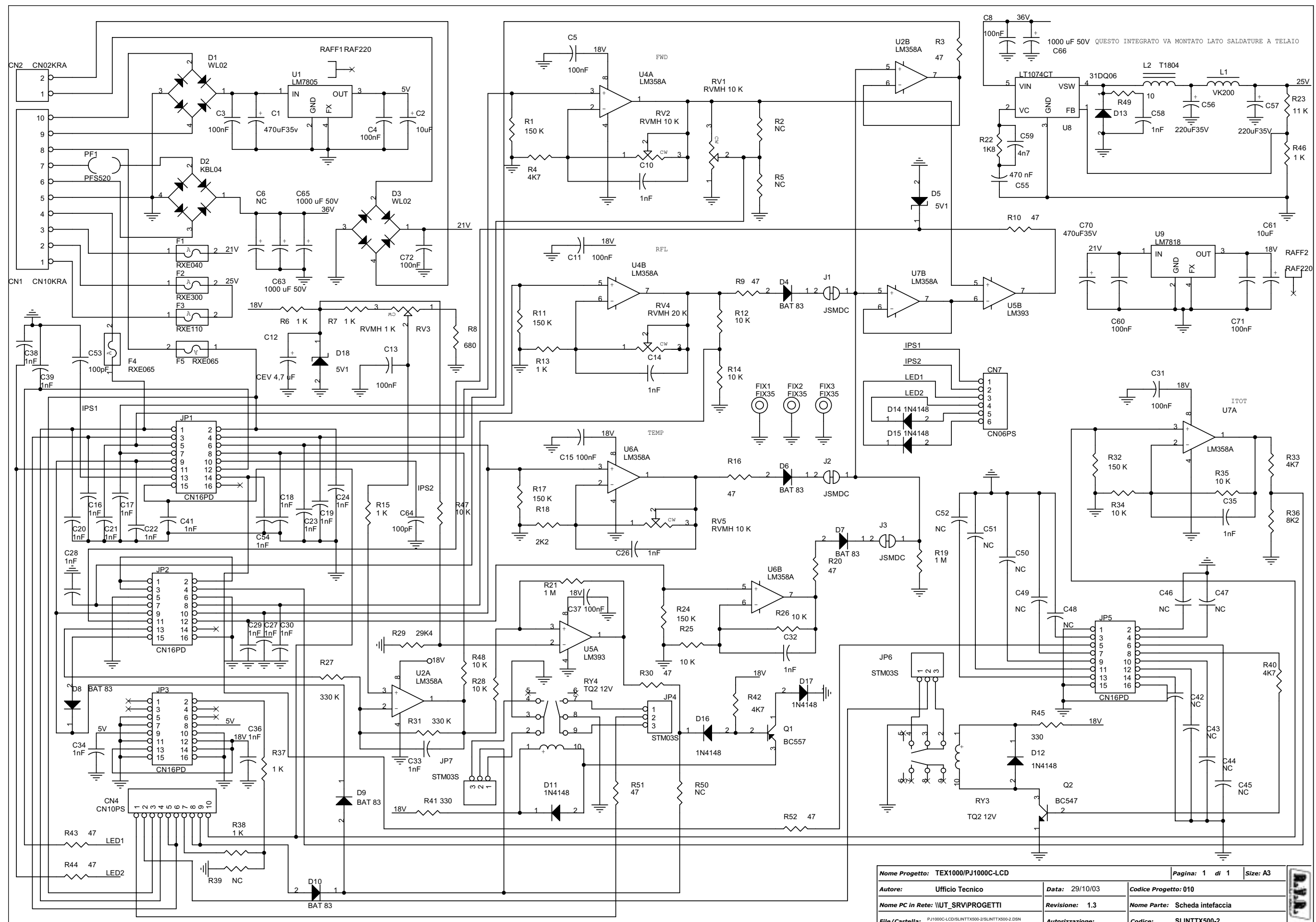
R.V.R. ELETTRONICA		Nome Progetto:	TEX1000/PJ1000C-LCD	Pagina:	1	di	1	Size:	A4
		Autore:	Ufficio Tecnico	Codice Progetto:		010			
		Nome PC in Rete:	\\UT_SRV\PROGETTI	Data:		22/01/04			
		File/Caricella:	PJ1000C-LCD\SLBIAS1K3U-2\slbiask3u-2.dwg	Revisione:		1.3			
		Scale:	/	Autorizzazione:					
		Materiale:	/	Trattamento:					
				Codice:		SLBIAS1K3U-2		Profilo:	

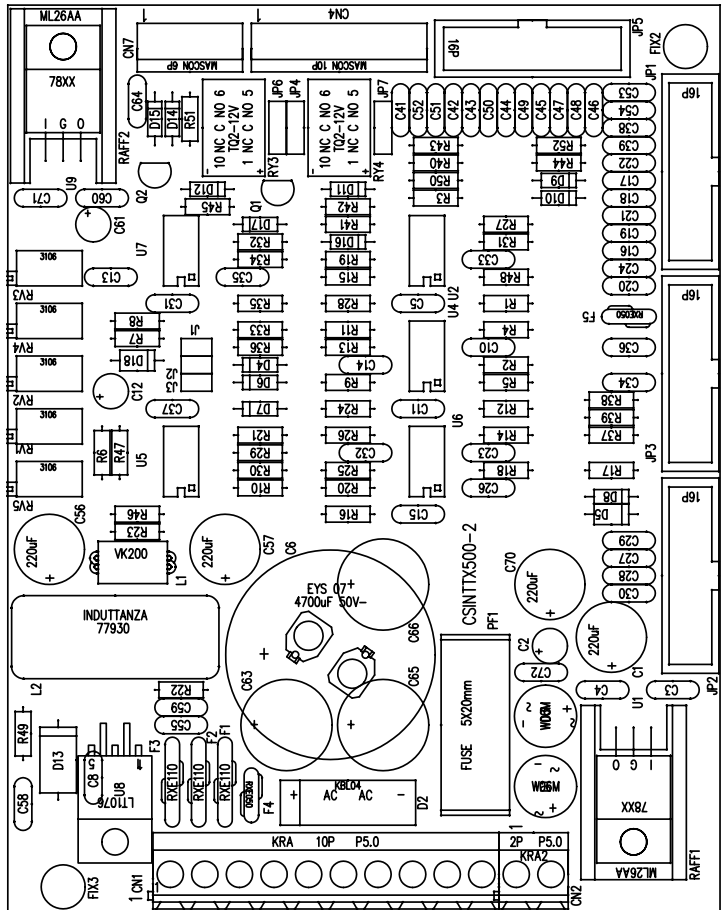
SCHEDA BIAS Revised: Jan 22, 2004
SLBIAS1K3U-2 Revision: 1.2
TEX1000/PJ1000C-LCD

Ufficio Tecnico

Item	Q.ty	Reference	Part
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
19	3	D6, D11, D14	LED5M
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	27 K
33	1	R27	49K9
34	1	R28	3K9
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

Item	Q.ty	Reference	Part
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	174 K
48	2	R86, R87	20 K
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



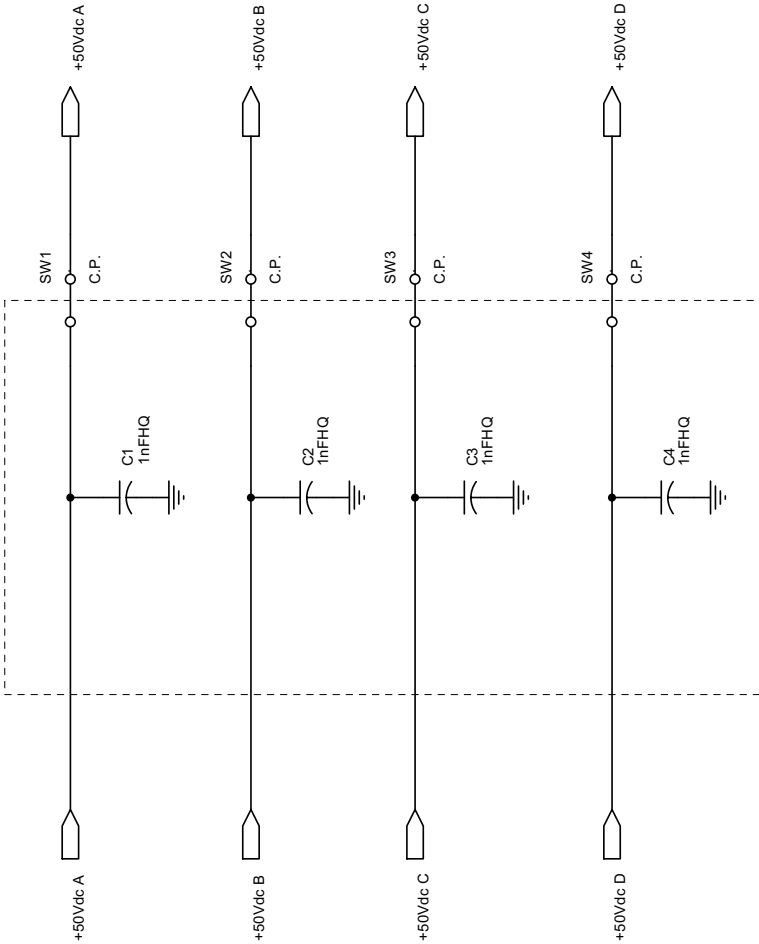


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Autore: Ufficio Tecnico		Data: 29/10/03		Codice Progetto: 010	
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Scala: /		Materiale: /		Trattamento: /	
				Profilo: /	

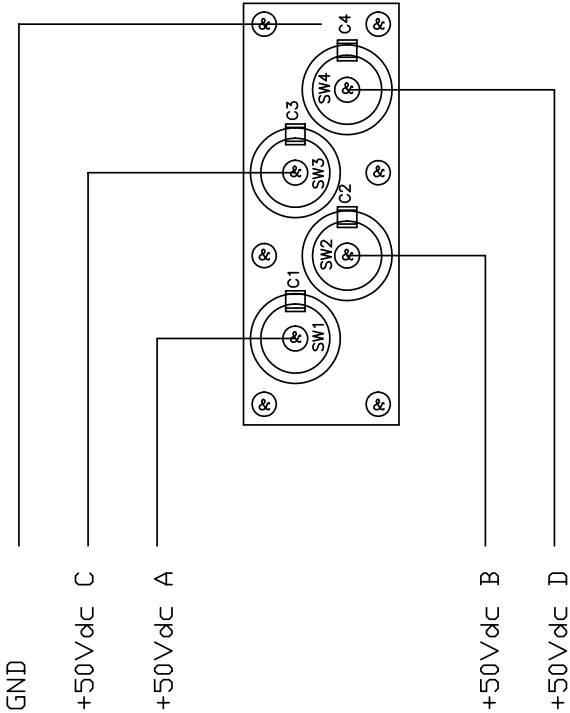
Scheda interfaccia Revised: Oct 30, 2003
SLINTTX500-2 Revision: 1.3
TEX1000/PJ1000C-LCD

Item	Q.ty	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	C61, C2	10uF
7	12	C3, C4, C5, C8, C11, C13, C15, C31, C37, C60, C71, C72	100nF
8	16	R2, R5, C6, 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	C64, C53	100pF
12	1	C55	470 nF
13	2	C56, C57	220uF35V
14	1	C59	4n7
15	3	C63, C65, C66	1000 uF 50V
16	2	D1, D3	WL02
17	1	D2	KBL04
18	6	D4, D6, D7, D8, D9, D10	BAT 83
19	2	D18, D5	5V1
20	6	D11, D12, D14, D15, D16, D17	1N4148
21	1	D13	31DQ06
22	3	FIX1, FIX2, FIX3	FIX35
23	1	F1	RXE040
24	1	F2	RXE300
25	1	F3	RXE110
26	2	F4, F5	RXE065
27	4	JP1, JP2, JP3, JP5	CN16PD
28	3	JP4, JP6, JP7	STM03S
29	3	J1, J2, J3	JSMDC
30	1	L1	VK200
31	1	L2	T1804
32	1	PF1	PFS520
33	1	Q1	BC557
34	1	Q2	BC547
35	2	RAFF1, RAFF2	RAF220
36	3	RV1, RV2, RV5	RVMH 10 K
37	1	RV3	RVMH 1 K
38	1	RV4	RVMH 20 K
39	2	RY3, RY4	TQ2 12V
40	5	R1, R11, R17, R24, R32	150 K
41	10	R3, R9, R10, R16, R20, R30, R43, R44, R51, R52	47
42	4	R4, R33, R40, R42	4K7
43	7	R6, R7, R13, R15, R37, R38, R46	1 K
44	1	R8	680
45	9	R12, R14, R25, R26, R28, R34, R35, R47, R48	10 K
46	1	R18	2K2
47	2	R21, R19	1 M

Item	Q.ty	Reference	Part
48	1	R22	1K8
49	1	R23	11 K
50	2	R27, R31	330 K
51	1	R29	29K4
52	1	R36	8K2
53	2	R45, R41	330
54	1	R49	10
55	1	U1	LM7805
56	4	U2, U4, U6, U7	LM358A
57	1	U5	LM393
58	1	U8	LT1074CT
59	1	U9	LM7818



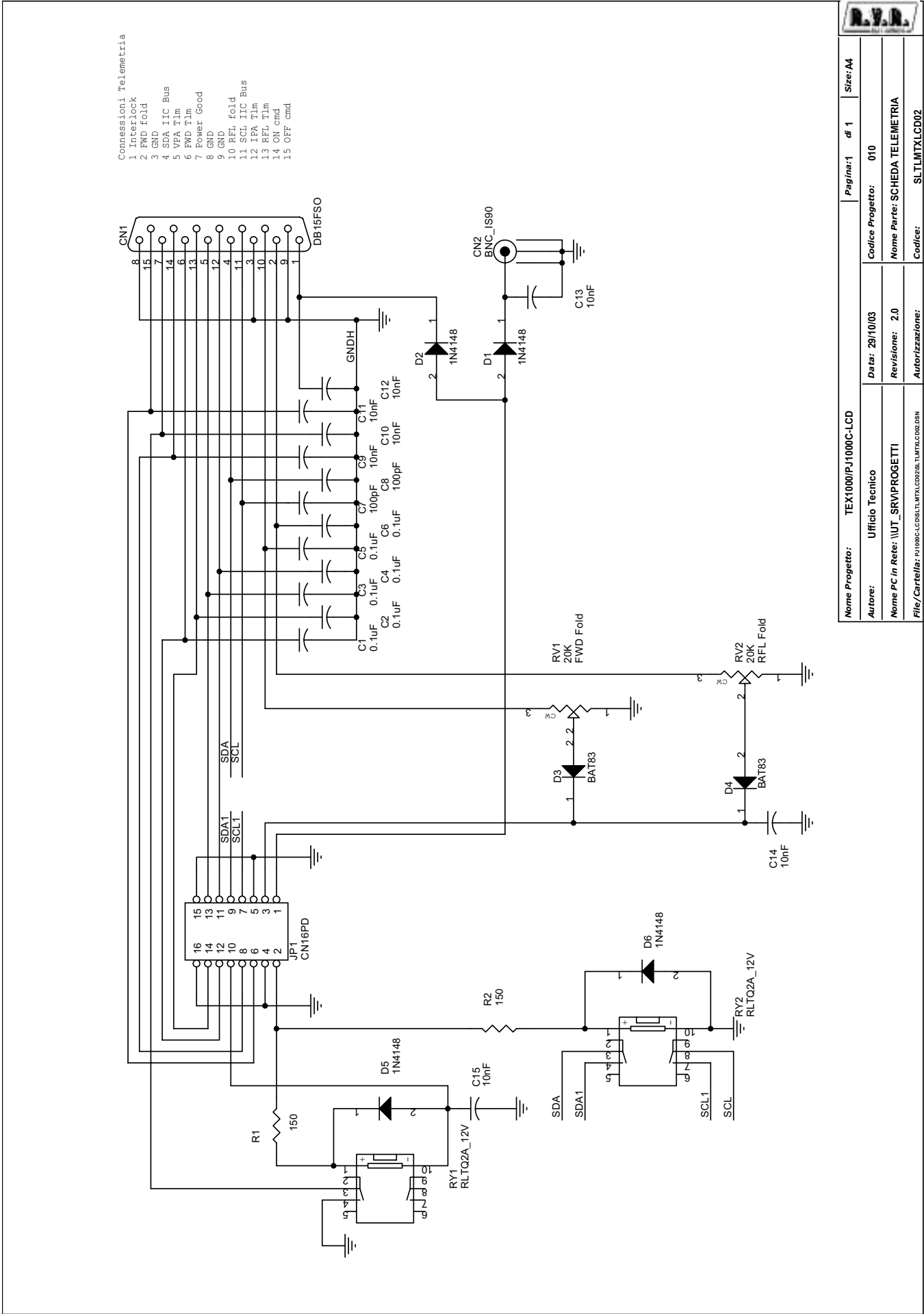
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Autore:	Ufficio Tecnico	Data:	29/10/03
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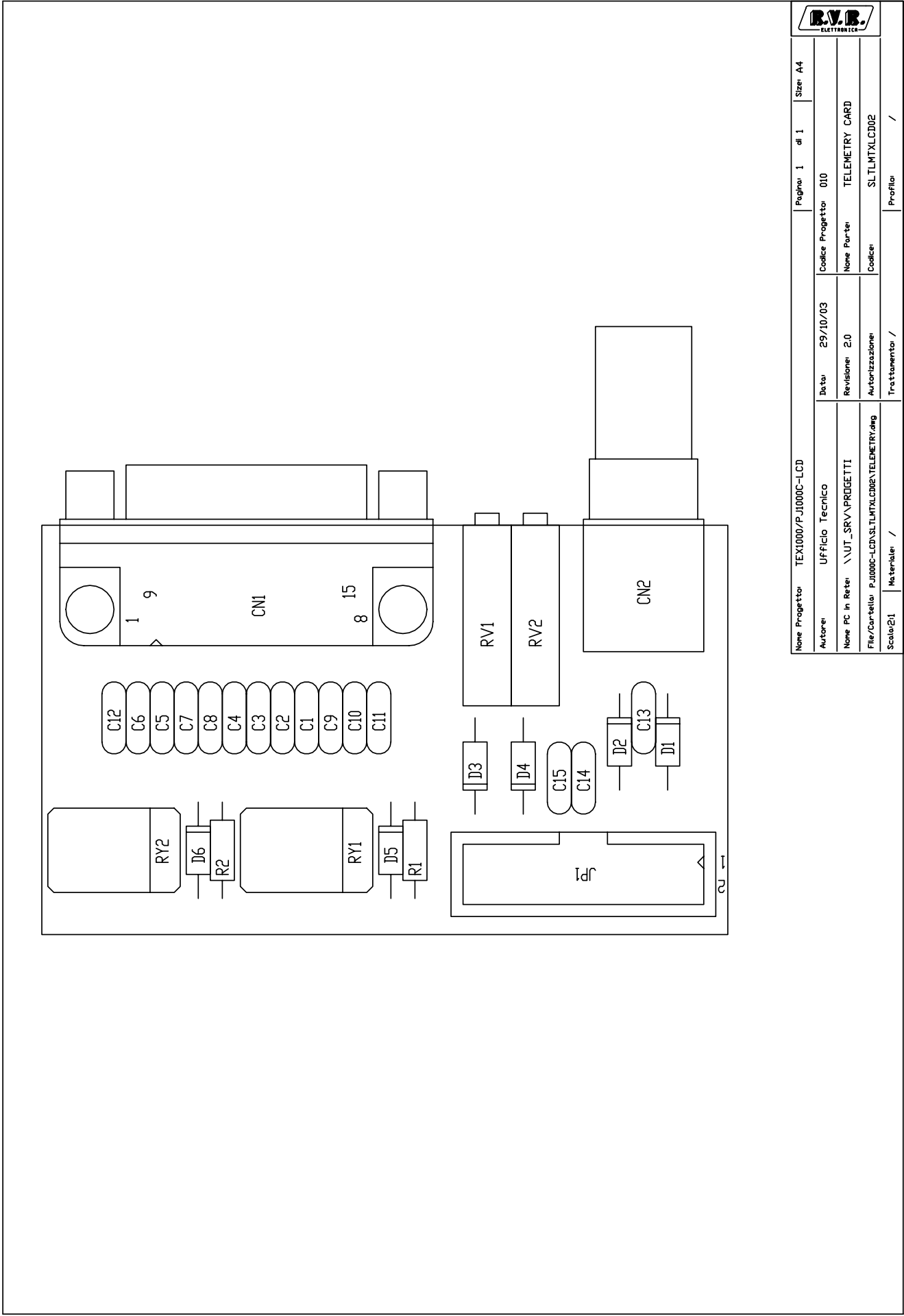
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		Codice:	SLF\PJ1000C
Scala:	1/1	Trattamento:	/

SCHEDA PASSA PARETE Revised: Oct 30, 2003
SLFILPJ1KM Revision: 2.0
TEX1000/PJ1000C-LCD

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



Nome Progetto: TEX1000/PJ1000C-LCD		Pagina: 1	di 1	Size: A4
Autore: Ufficio Tecnico	Data: 29/10/03	Codice Progetto: 010		
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B.V.B. ELETRONICA												
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File/Cartella		PJ1000C-LCD\SLT\MTXLCD02\TELEMTRY.dwg		Autorizzazione	Codice						SLT\MTXLCD02	
Scala		2:1	Materiali		/		Trattamento		/		Profilo	/

Scheda Telemetria Revised: Oct 30, 2003
 SLTLMTXLCD02 Revision: 2.0
 TEX1000/PJ1000C-LCD

Item	Quantity	Reference	Part
1	1	CN1	DB15FSO
2	1	CN2	BNC_IS90
3	6	C1, C2, C3, C4, C5, C6	0.1uF
4	2	C7, C8	100pF
5	7	C9, C10, C11, C12, C13, C14, C15	10nF
6	4	D1, D2, D5, D6	1N4148
7	2	D3, D4	BAT83
8	1	JP1	CN16PD
9	2	RV1, RV2	20K
10	2	RY2, RY1	RLTQ2A_12V
11	2	R1, R2	150