



PJ2500LCD

TECHNICAL ANNEX
VOLUME 2



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 PJ2500LCD. L'appendice è composta dalle seguenti sezioni:

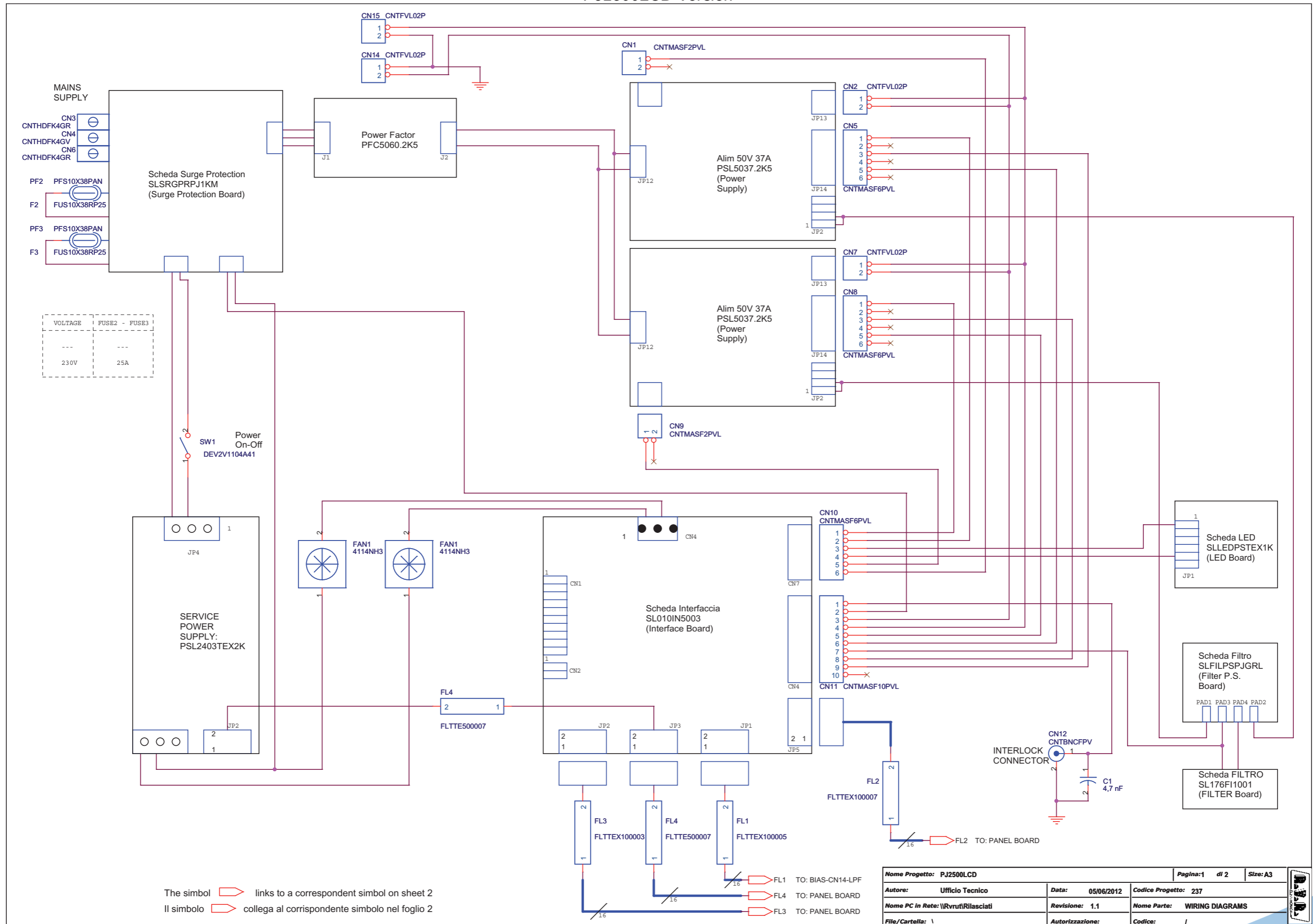
This part of the manual contains the technical details about the different Cards of the PJ2500LCD. This appendix is composed of the following sections:



| Description | RVR Code | Vers. | Page |
|--------------------------|--------------------------|-------|------|
| Wiring Diagram | <i>PJ2500LCD Version</i> | 1.1 | 1 |
| PWR Input Measure Card | SLMIPPJ1KC | 1.3 | 4 |
| Splitter Card | SLSPLPJ1KC1 | 1.0 | 6 |
| R.F. Card | SL237RF1001 | 1.2 | 8 |
| Combiner Card | SLCMBPJ1KC1 | 1.0 | 11 |
| LPF Card | SLLPFTEX2K5 | 1.1 | 13 |
| Surge Protection Card | SLSRGPRPJ1KM | 1.2 | 16 |
| Power Factor Correction | PFCPSL5060 | 1.0 | 19 |
| Power Supply | PSL5037.2K5 | 1.0 | 29 |
| Auxiliary Power Supply | PSL2403-TEX2K | 1.0 | 31 |
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| Filter Card | SL176F11001 | 2.0 | 52 |
| Directional Coupler Card | SLDCLPFPJ2K5 | 1.1 | 54 |
| Telemetry Card | SLTLMTXLCH01 | 1.0 | 56 |

Document History

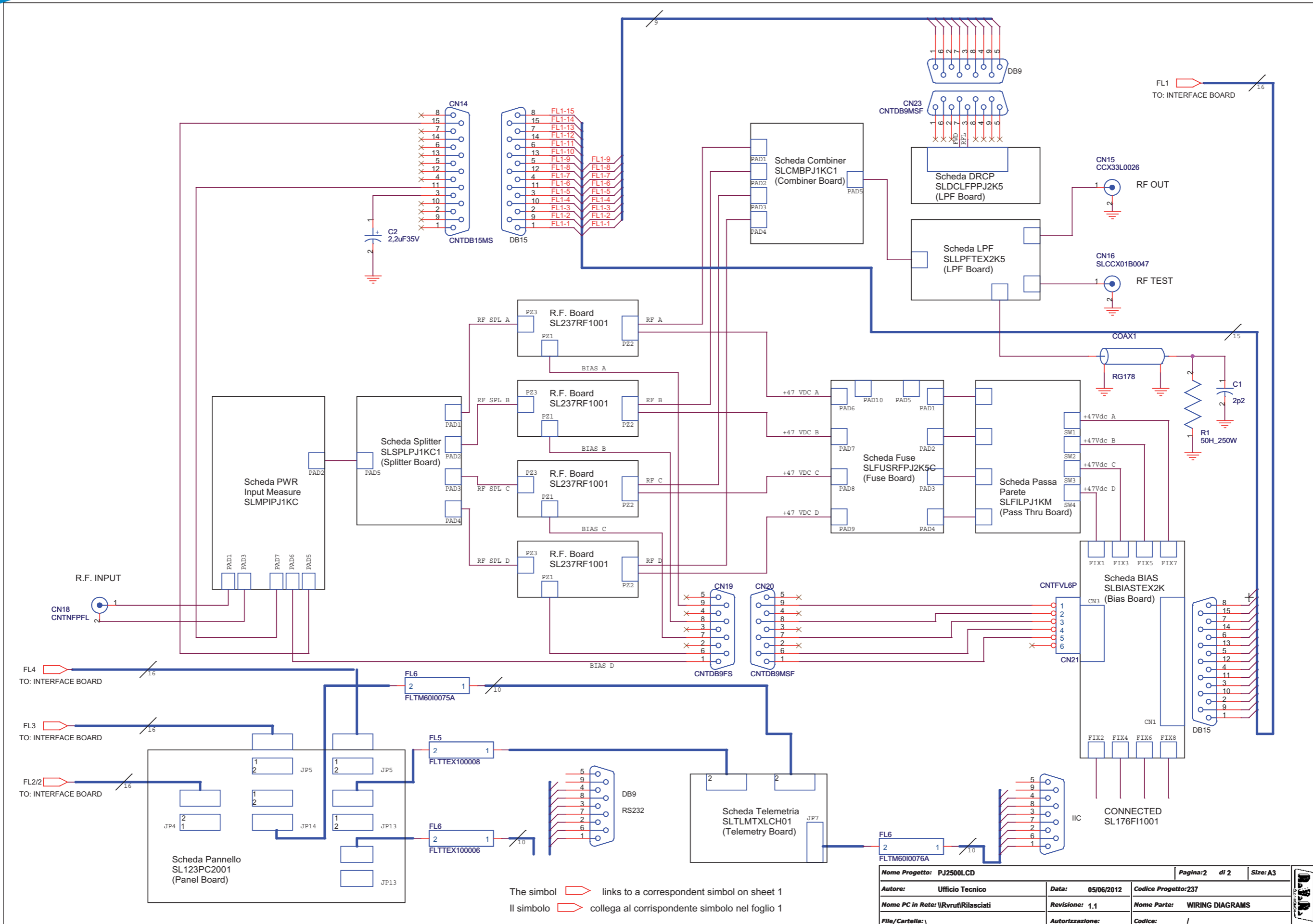
| Date | Version | Reason | Code | Editor |
|------------|---------|---------------|------|------------|
| 29/10/2012 | 1.0 | First Release | / | J.H. Berti |

PJ2500LCD Version



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

PJ2500LCD Version



The symbol links to a correspondent simbol on sheet 1
 Il simbolo collega al corrispondente simbolo nel foglio 1

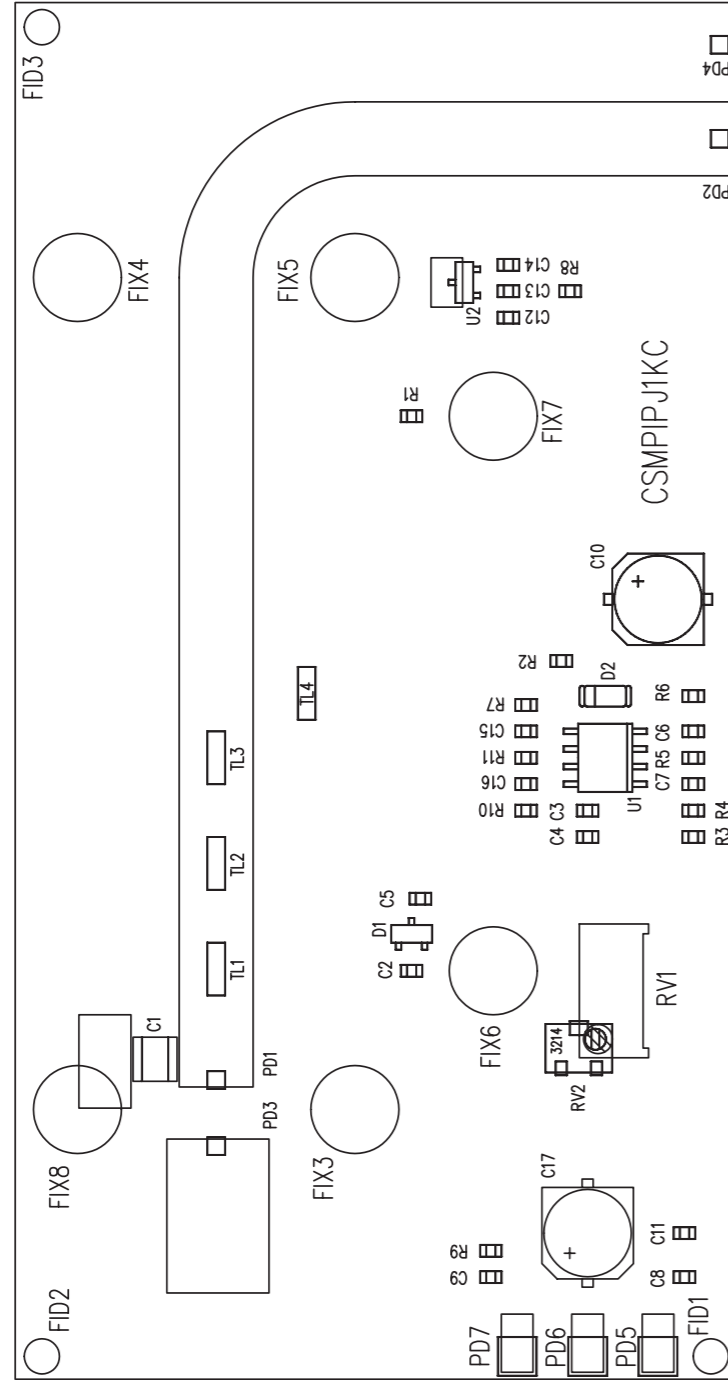
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| Nome Progetto: PJ2500LCD | | Pagina: 2 di 2 | | Size: A3 |
| Autore: Ufficio Tecnico | Data: 05/06/2012 | Codice Progetto: 237 | | |
| Nome PC in Rete: \\Rvrut\Rilasciati | Revisione: 1,1 | Nome Parte: WIRING DIAGRAMS | | |
| File/ Cartella: \ | Autorizzazione: | Codice: / | | |

PJ2500LCD Version

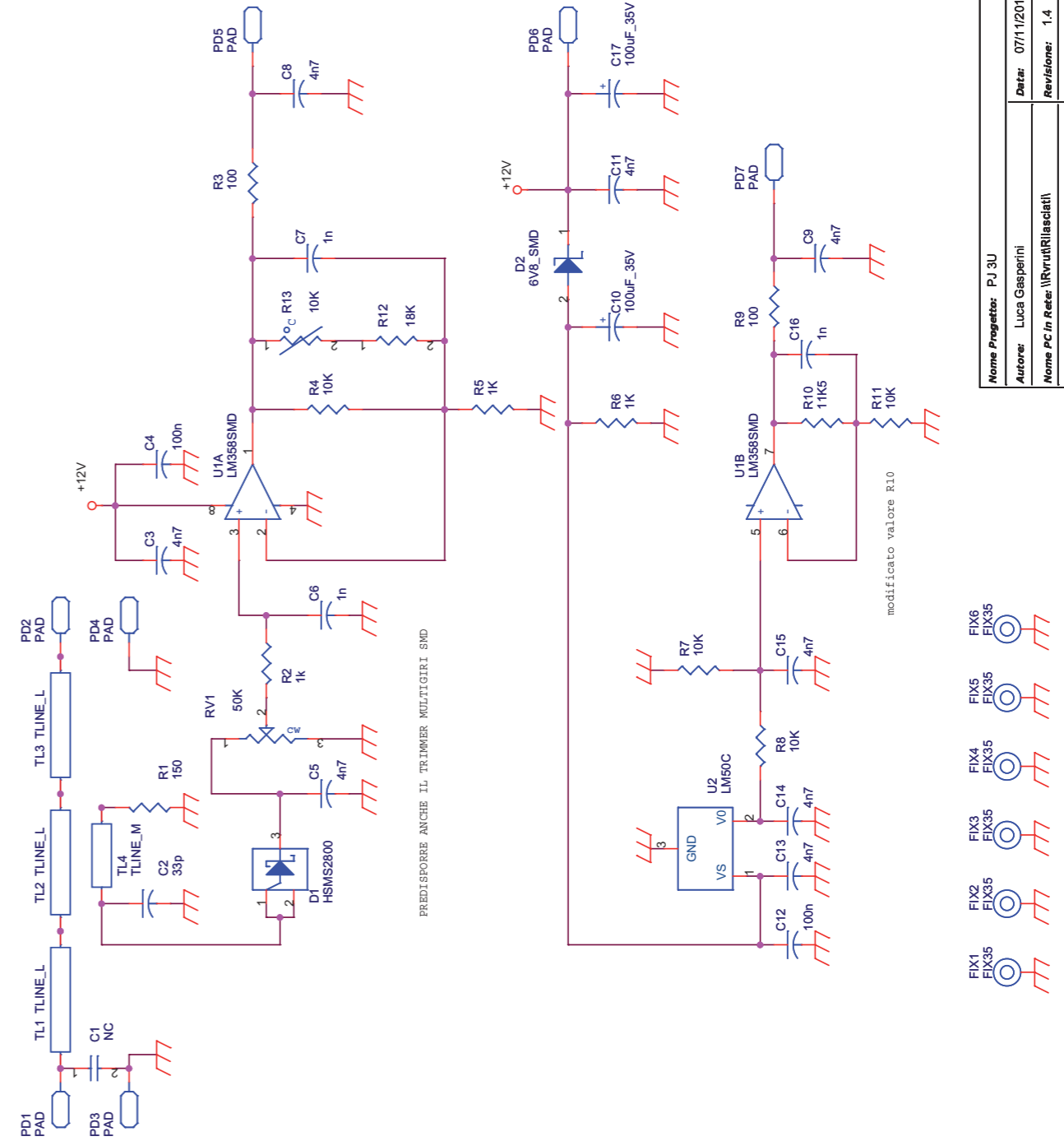
Revised: Tuesday, June 05, 2012
 1 Revision: 1

| Item | Quantity | Reference | Part |
|------|----------|------------------------|--------------|
| 1 | 2 | CN1, CN9 | CNTMASF2PVL |
| 2 | 4 | CN2, CN7, CN14, CN15 | CNTFVL02P |
| 3 | 2 | CN3, CN6 | CNTHDFK4GR |
| 4 | 1 | CN4 | CNTHDFK4GV |
| 5 | 3 | CN5, CN8, CN10 | CNTMASF6PVL |
| 6 | 1 | CN11 | CNTMASF10PVL |
| 7 | 1 | CN12 | CNTBNCFPV |
| 8 | 1 | CN14 | CNTDB15MS |
| 9 | 1 | CN15 | CCX33L0026 |
| 10 | 1 | CN16 | SLCCX01B0047 |
| 11 | 1 | CN18 | CNTNFPFL |
| 12 | 1 | CN19 | CNTDB9FS |
| 13 | 2 | CN20, CN23 | CNTDB9MSF |
| 14 | 1 | CN21 | CNTFVL6P |
| 15 | 1 | COAX1 | RG178 |
| 16 | 1 | C1 | 4,7 nF |
| 17 | 1 | C1 | 2p2 |
| 18 | 1 | C2 | 2,2uF35V |
| 19 | 1 | FAN1 | 4114NH3 |
| 20 | 1 | FL1 | FLTTEX100005 |
| 21 | 1 | FL2 | FLTTEX100007 |
| 22 | 1 | FL3 | FLTTEX100003 |
| 23 | 1 | FL4 | FLTTE500007 |
| 24 | 1 | FL5 | FLTTEX100008 |
| 25 | 1 | FL6 | FLTTEX100006 |
| 26 | 1 | FL6 | FLTM60I0075A |
| 27 | 1 | FL6 | FLTM60I0076A |
| 28 | 2 | F2, F3 | FUS10X38RP25 |
| 29 | 2 | PF2, PF3 | PFS10X38PAN |
| 30 | 1 | R1 | 50H_250W |
| 31 | 1 | SW1 | DEV2V1104A41 |
| 32 | 4 | ZZZ1, ZZZ2, ZZZ3, ZZZ4 | ZZZ |

SLMIPPJ1KC



| | | | | |
|---|--------------|-----------------|-------------------------------|----------|
| Nome Progetto: PJ000C-LCD | | Pagina: 1 | di 1 | Size: A4 |
| Autore: Ufficio Tecnico | | Data: 29/10/03 | Codice Progetto: 010 | |
| Nome PC in Rete: \\VT_SRV\PROGETTI | | Revisione: 1.1 | Nome Parte: PWR INPUT MEASURE | |
| File/Cartella: PJ000C-LCD\SLMIPPJ1KC\SLMIPPJ1KC.DWG | | Autorizzazione: | Codice: SLMIPPJ1KC | |
| Scala: 2:1 | Materiale: / | Treatmento: / | Profilo: / | |



| | | | | |
|--------------------------------------|-------------------|--------------------|-------------------------------|----------|
| Nome Progetto: PJ 3U | | Pagina: 1 | di 1 | Size: A4 |
| Autore: Luca Gasparini | | Data: 07/11/2012 | Codice Progetto: 010 | |
| Nome PC in Rete: \\Rvru1(Rilasciati) | | Revisione: 1.4 | Nome Parte: PWR INPUT MEASURE | |
| File/Cartella: / | Autorizzazione: / | Codice: SLMIPPJ1KC | | |

SLMPIPJ1KC

PWR INPUT MEASURE Revised: 07/11/2012
 SLMPIPJ1KC1 Revision: 1.4
 PJ1000C-LCD, PJ500C-LCD

010

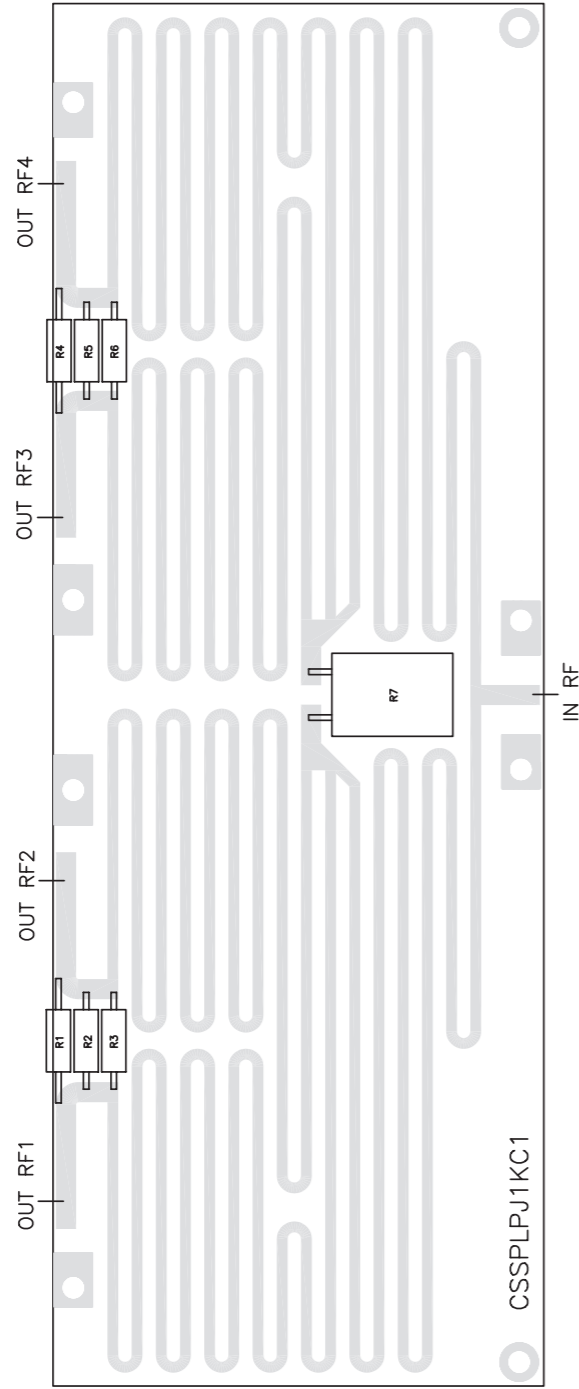
Luca Gasperini

| Item | Quantity | Reference | Part | {description} | Codici AS400 |
|------|----------|------------------------------------|-----------|----------------------|--------------|
| 1 | 1 | C1 | NC | | |
| 2 | 1 | C2 | 33p | Cond. SMD 0805 | CCC085330JCC |
| 3 | 8 | C3, C5, C8, C9, C11, C13, C14, C15 | 4n7 | Cond. SMD 0805 | CCC085472KXC |
| 4 | 2 | C12, C4 | 100n | Cond. SMD 0805 | CCC085104KXC |
| 5 | 3 | C6, C7, C16 | 1n | Cond. SMD 0805 | CCC085102JNC |
| 6 | 2 | C17, C10 | 100uF_35V | | CES107D350 |
| 7 | 1 | D1 | HSMS2800 | | DISHSMS2800 |
| 8 | 1 | D2 | 6V8_SMD | | DIZ6V8MINI |
| 9 | 6 | FIX1, FIX2, FIX3, FIX4, FIX5, FIX6 | FIX35 | Foro fissaggio 3.5mm | |
| 10 | 7 | PD1, PD2, PD3, PD4, PD5, PD6, PD7 | PAD | | |
| 11 | 1 | RV1 | 50K | Trimmer Rg V 3386P | RVT3296WK050 |
| 12 | 1 | R1 | 150 | Res. SMD 0805 1% | RCH085F0150H |
| 13 | 2 | R3, R9 | 100 | Res. SMD 0805 1% | RCH085F0100H |
| 14 | 3 | R2, R5, R6 | 1K | Res. SMD 0805 1% | RCH085F0001K |
| 15 | 4 | R4, R7, R8, R11 | 10K | Res. SMD 0805 1% | RCH085F0010K |
| 16 | 1 | R10 | 11K5 | Res. SMD 0805 1% | RCH085F011K5 |
| 17 | 3 | TL1, TL2, TL3 | TLINE_L | | |
| 18 | 1 | TL4 | TLINE_M | | |
| 19 | 1 | U1 | LM358SMD | Dual Op. SMD SO8 | CILLM358SMD |
| 20 | 1 | U2 | LM50C | Temperature sensor | CILLM50C |
| 21 | 1 | R12 | 18K | Res. SMD 0805 1% | RCH085F0018K |
| 22 | 1 | R13 | 10K NTC | Res. NTC 0805 | RNTC085K103K |

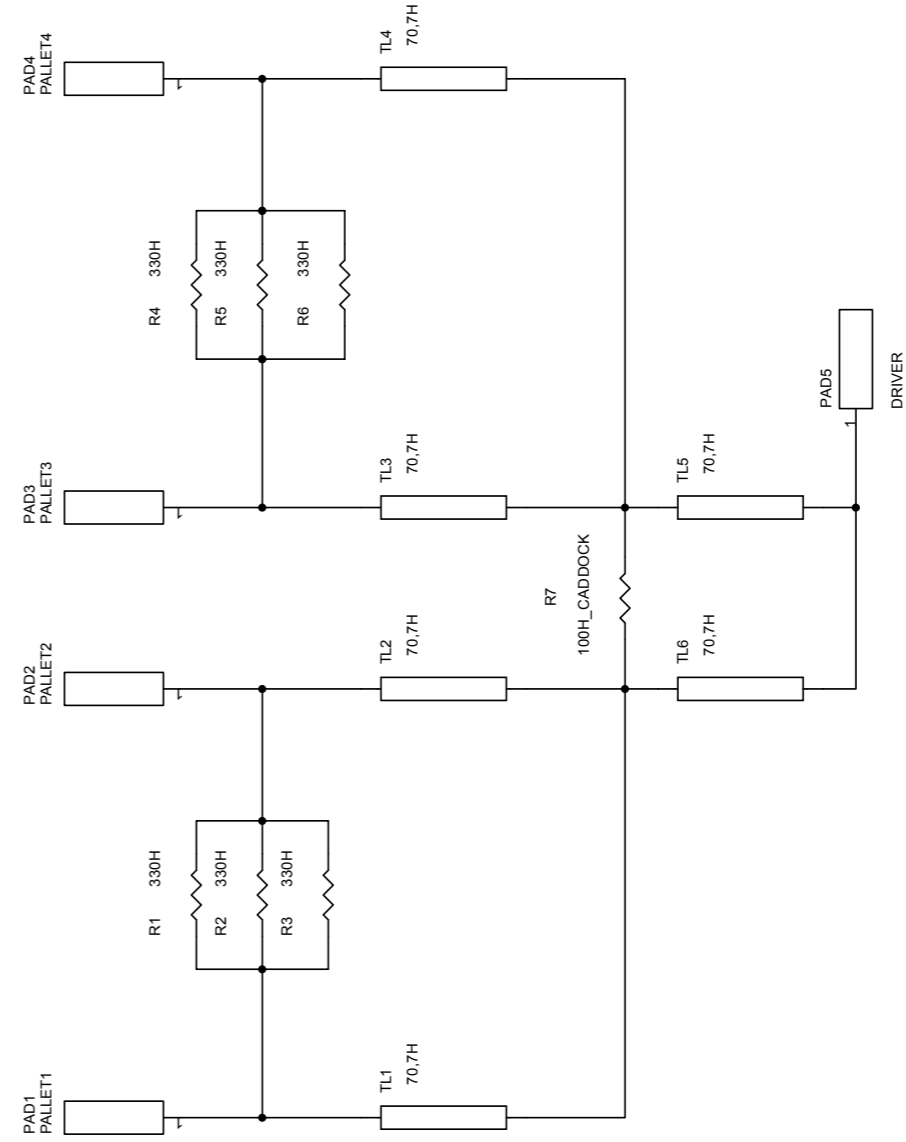
NOTE1 Montare in Parallelo a R4, vedi "Istruzioni di Montaggio Rev.1.4.doc"

NOTE1
NOTE1

SLSPLPJ1KC1



| | | | | |
|--|------------|-----------------|----------|--|
| 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: 1.0 | | Nome Part/SCHEDA SPLITTER COMPONENT LAYOUT |
| File/Cartella: MANUAL\TEX1000\SLSPJ1KC1\SPLITTER.DWG | | Autorizzazione: | | Codice: SLSPJ1KC1 |
| Scala: | Materiale: | Traffettamento: | Profilo: | |

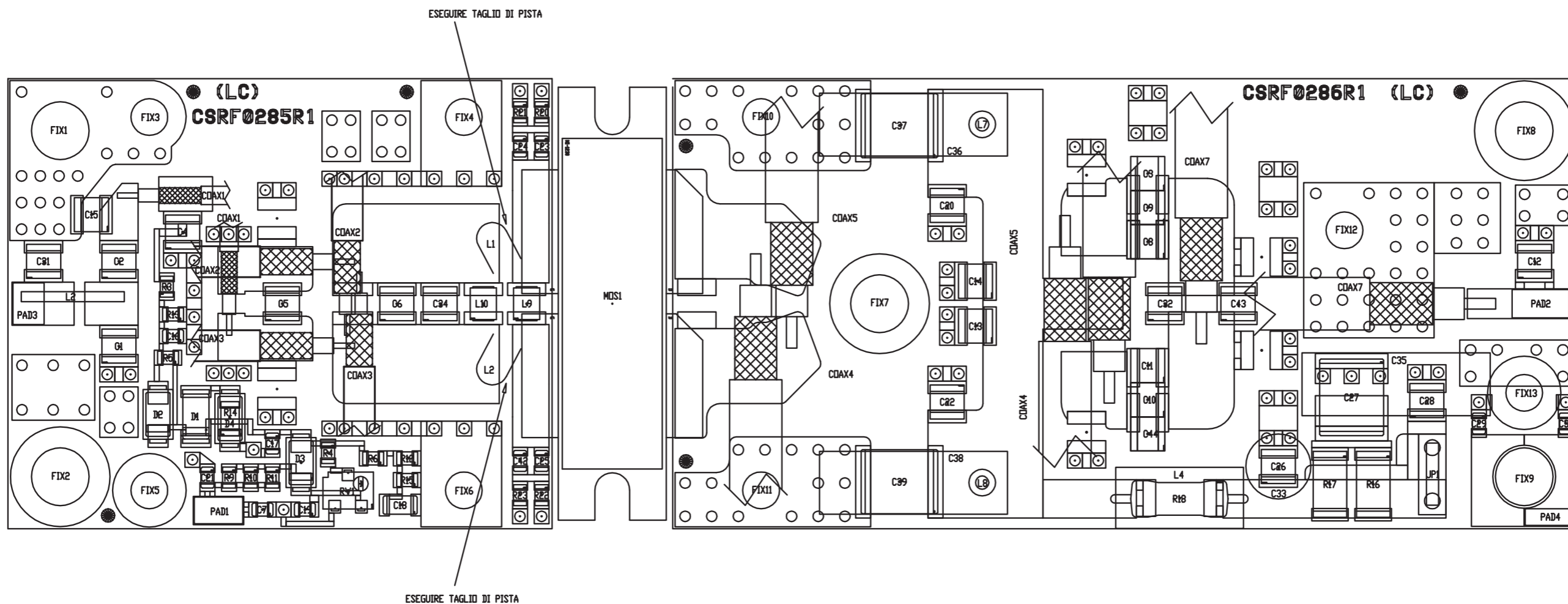


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| Nome Progetto: TEX1000 | | Pagina: 1 di 1 | | Size: A4 |
| Autore: Ufficio Tecnico | | Data: 09/09/03 | | Codice Progetto: 010 |
| Nome PC in Rete: \\\UT_SRV\PROGETTI | | Revisione: 1.0 | | Nome Part: SCHEDA SPLITTER |
| File/Cartella: MANUAL\TEX1000\SLSPJ1KC1\SPLITTER.DWG | | Autorizzazione: | | Codice: SLSPJ1KC1 |

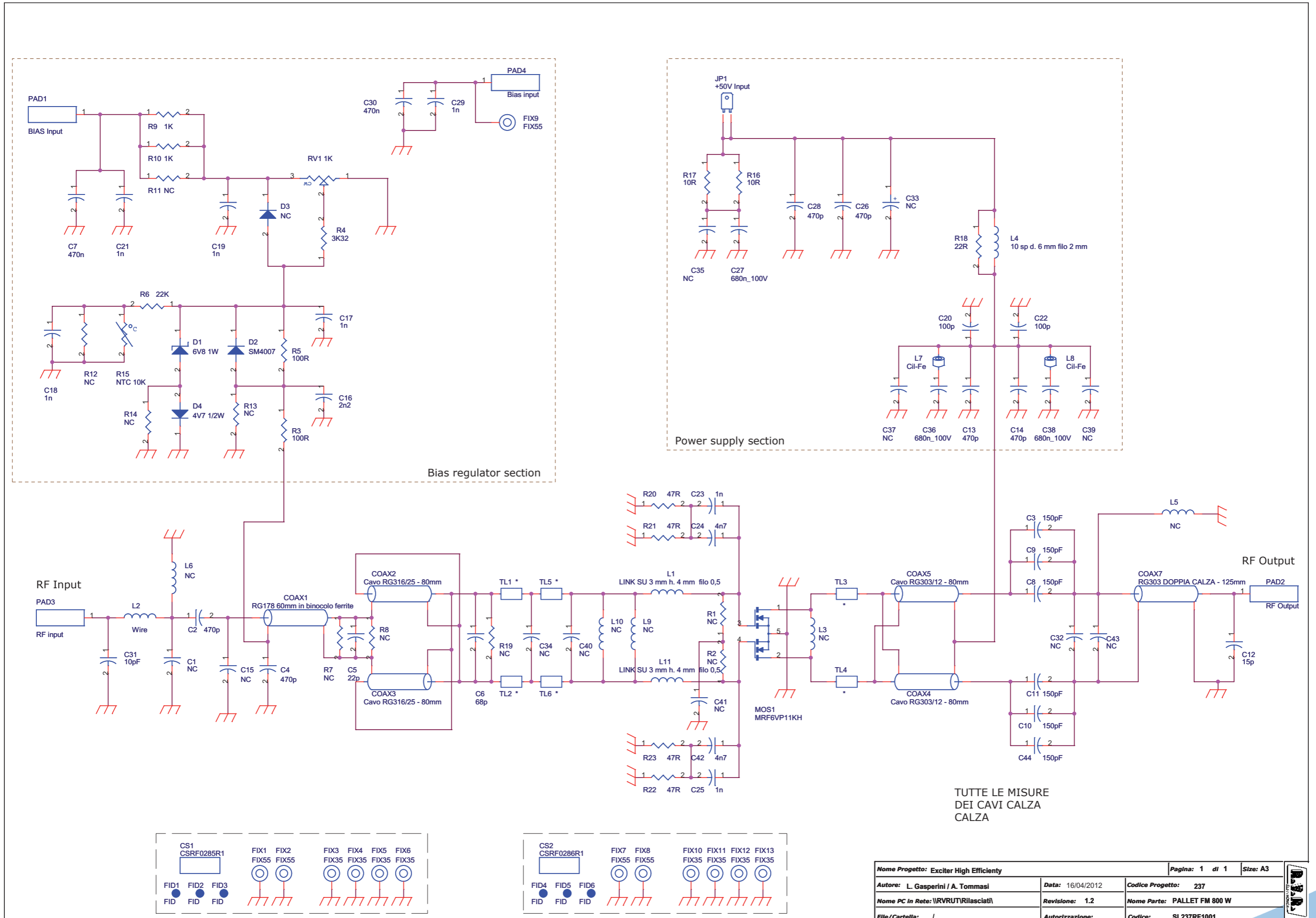
SLSPJP1KC1

SCHEDA SPLITTER Revised: Monday, September 15, 2003
 SLSPJP1KC1 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 |



SL237RF1001

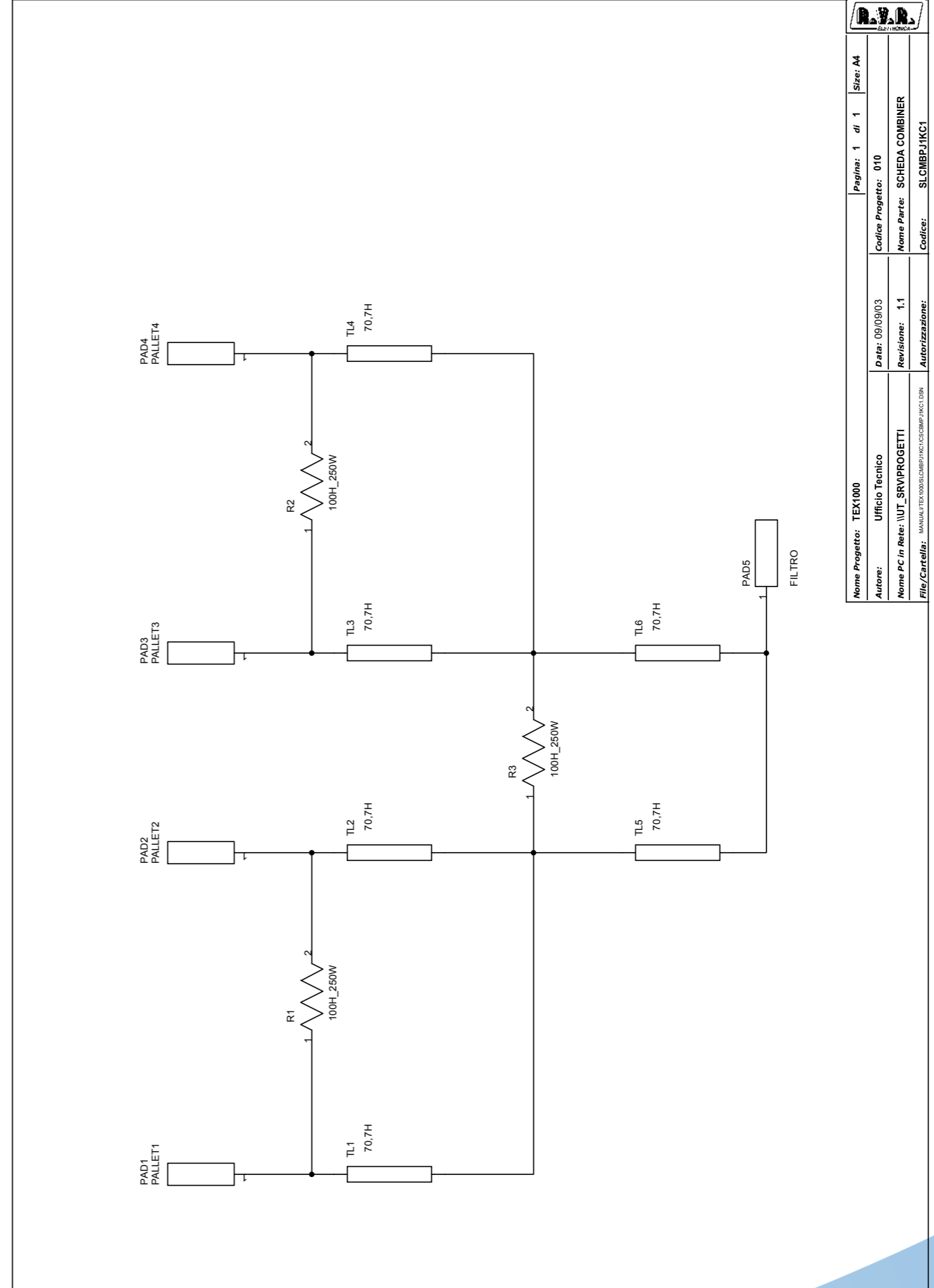
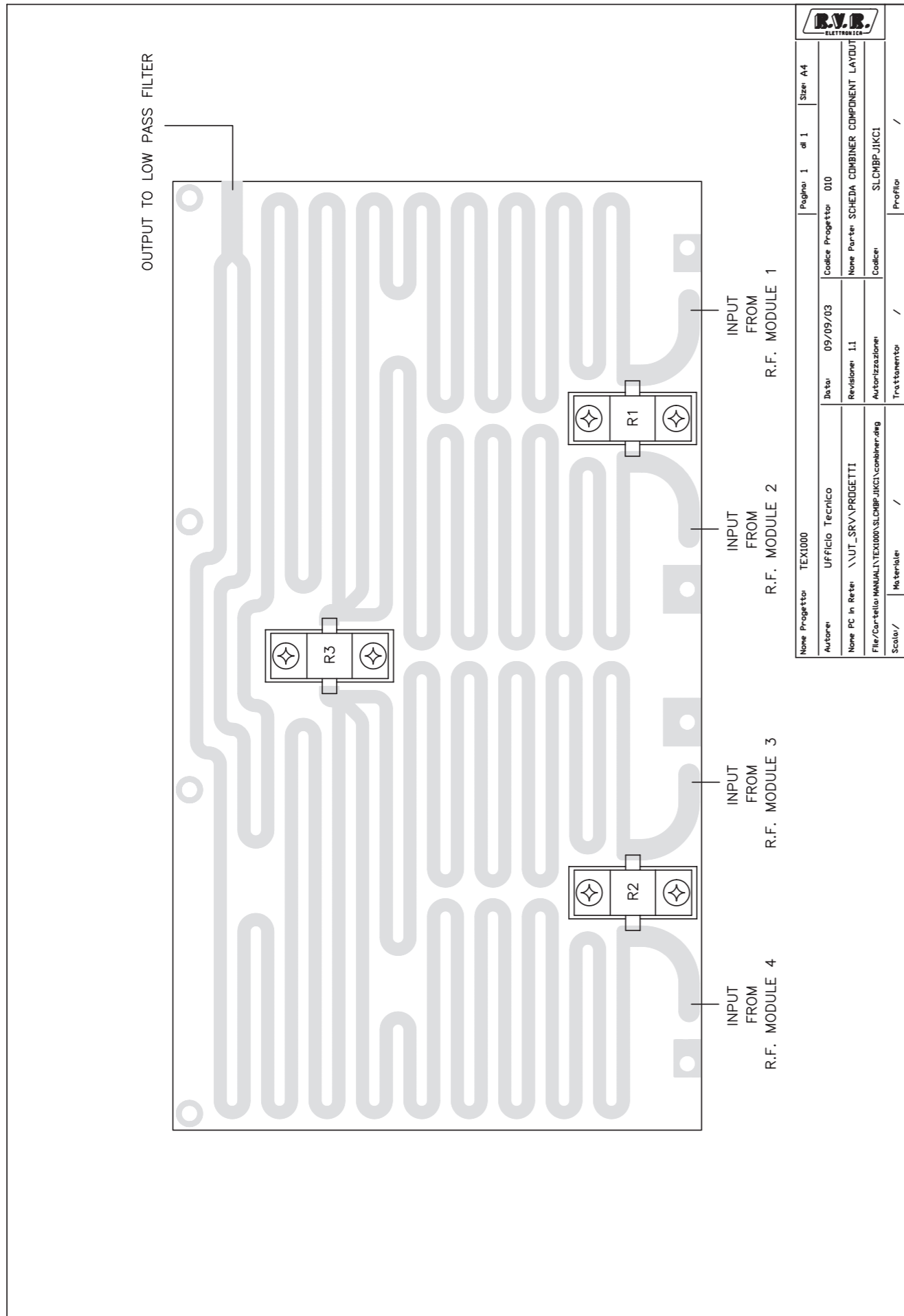


SL237RF1001

PALLET FM 800 W Revised: 16/04/2012
 SL237RF1001 Revision: 1.2
 Exciter High Efficiency
 237
 L. Gasperini / A. Tommasi

| Item | Quantity | Reference | Part | (description) |
|------|----------|--|--------------------------------|--|
| 1 | 1 | COAX1 | RG178 60mm in binocolo ferrite | Cavo RG178 60mm calza/calza in binocolo ferrite (73mm tot.) |
| 2 | 2 | COAX2, COAX3 | Cavo RG316/25 - 80mm | Cavo RG316/25 80mm calza/calza (91mm tot.) |
| 3 | 2 | COAX5, COAX4 | Cavo RG303/12 - 80mm | Cavo RG303/12 80mm calza/calza (98mm tot.) |
| 4 | 1 | COAX7 | RG142 DOPPIA CALZA - 125mm | Cavo RG142 125mm calza/calza (147mm tot.) Vedi Info COAX7.pdf |
| 5 | 1 | CS1 | CSRF0285R1 | Circuito stampato |
| 6 | 1 | CS2 | CSRF0286R1 | Circuito stampato |
| 7 | 1 | C1 | NC | Cond. SMD 0805 |
| 8 | 2 | C2, C4 | 470p | Cond. SMD 1212 HQ |
| 9 | 4 | C13, C14, C26, C28 | 470p | Cond. SMD 1212 HQ |
| 10 | 1 | C30 | 470n | Cond. SMD 0805 |
| 11 | 1 | C5 | 22p | Cond. SMD 1212 HQ |
| 12 | 1 | C6 | 68p | Cond. SMD 1212 HQ |
| 13 | 2 | C7 | 470n | Cond. SMD 0805 |
| 14 | 6 | C3, C44, C8, C9, C10, C11 | 150pF | Cond. SMD 1212 HQ |
| 15 | 1 | C12 | 15p | Cond. SMD 1212 HQ |
| 16 | 5 | C15, C32, C34, C40, C43 | NC | Cond. SMD 1212 HQ |
| 17 | 1 | C16 | 2n2 | Cond. SMD 0805 COG |
| 18 | 5 | C17, C19, C21, C23, C25 | 1n | Cond. SMD 0805 |
| 19 | 1 | C18 | 1n | Cond. SMD 1206 |
| 20 | 2 | C22, C20 | 100p | Cond. SMD 1212 HQ |
| 21 | 2 | C42, C24 | 4n7 | Cond. SMD 0805 |
| 22 | 1 | C27 | 680nF 100V | Cond. SMD 2824 |
| 23 | 1 | C31 | 10pF | Cond. SMD 1212 HQ |
| 24 | 1 | C29 | 1n | Cond. SMD 0805 |
| 25 | 3 | C36, C38 | 680n_100V | Cond. Poliestere p 10mm |
| 26 | 2 | C37, C39 | NC | Cond. Poliestere p 15mm |
| 27 | 1 | C41 | NC | Cond. multistrato p 5mm |
| 28 | 1 | D1 | 6V8 1W | MELF SMD Zener Diode |
| 29 | 1 | D2 | SM4007 | Diode SMD cont. SMA |
| 30 | 1 | D3 | NC | Diode SMD cont. SMA |
| 31 | 1 | D4 | 4V7 1/2W | MELF SMD Zener Diode |
| 32 | 6 | FID1, FID2, FID3, FID4, FID5, FID6 | FID | Fiducial CS |
| 33 | 5 | FIX1, FIX2, FIX7, FIX8, FIX9 | FIX55 | Foro fissaggio 5.5mm |
| 34 | 8 | FIX3, FIX4, FIX5, FIX6, FIX10, FIX11, FIX12, FIX13 | FIX35 | Foro fissaggio 3.5mm |
| 35 | 1 | JP1 | +50V Input | Faston da CS p. 5.08 |
| 36 | 2 | L11, L1 | LINK SU 3 mm h. 4 mm filo 0,5 | LINK su 3 mm h. 4 mm filo 0,5 |
| 37 | 1 | L2 | Wire | Filo R. Arg. 1mm lung. 10mm |
| 38 | 1 | L3 | NC | |
| 39 | 1 | L4 | 10 sp d. 6 mm filo 2 mm | 10spire filo R. Small. 2mm Avvolte su 6mm includente R18 all'interno |
| 40 | 2 | L5, L9 | NC | |
| 41 | 1 | L6 | NC | |
| 42 | 2 | L7, L8 | Cil-Fe | Cilindretto di ferrite |
| 43 | 1 | L10 | NC | Ind. SMD 1008 |
| 44 | 1 | MOS1 | MRF6VP11KH | PP Power mosfet RF |
| 45 | 2 | PAD4, PAD1 | BIAS Input | |
| 46 | 1 | PAD2 | RF Output | |
| 47 | 1 | PAD3 | RF Input | |
| 48 | 1 | RV1 | 1K | Trimm. multi SMD PVG5 Murata |
| 49 | 5 | R1, R2, R7, R8, R19 | NC | Res. 2W |
| 50 | 2 | R3, R5 | 100R | Res. SMD 0805 1% |
| 51 | 1 | R4 | 3K32 | Res. SMD 0805 1% |
| 52 | 1 | R6 | 22K | Res. SMD 0805 1% |
| 53 | 2 | R10, R9 | 1K | Res. SMD 0805 1% |
| 54 | 3 | R11, R12, R13 | NC | Res. SMD 0805 1% |
| 55 | 1 | R14 | NC | Res. SMD 1206 1% |
| 56 | 1 | R15 | NTC 10K | Res. NTC SMD 0805 |
| 57 | 2 | R17, R16 | 10R | Res. SMD 2512 5% |
| 58 | 1 | R18 | 22R | Res. 2W |
| 59 | 4 | R20, R21, R22, R23 | 47R | Res. SMD 0805 1% |
| 60 | 6 | TL1, TL2, TL3, TL4, TL5, TL6 | * | Linea strip CS |
| 61 | 1 | | Ferrite balun | Ferrite balun |

SLCMBPJ1KC1



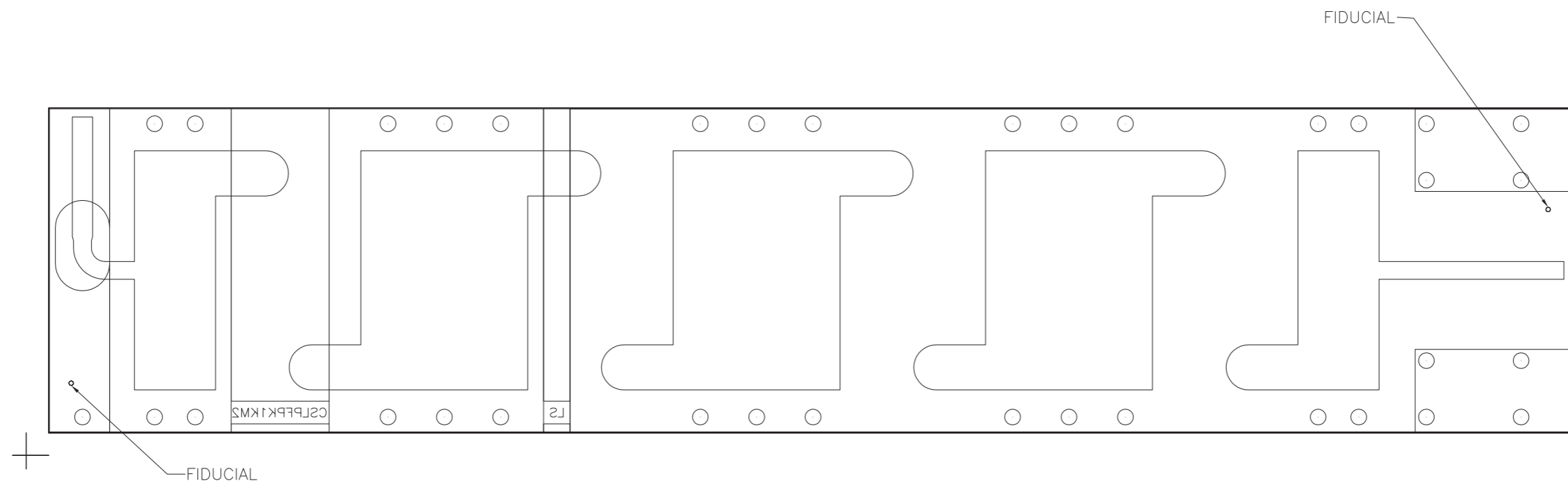
SLCMBPJ1KC1

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 |

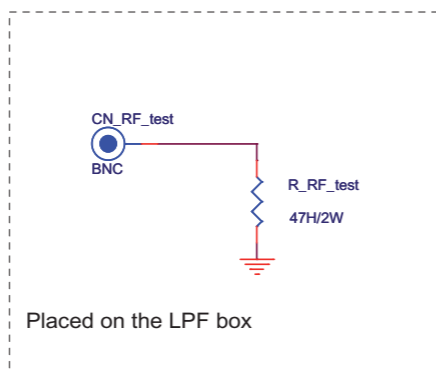
| REF | Q.TA | DIAM | TRATTAMENTO |
|-----|------|------|-------------|
| ○ | 35 | 3.50 | NESSUNO |



LATO COMPONENTI VISTA LATO COMPONENTI
LATO SALDATURA VISTA LATO COMPONENTI
PIANO DI FORATURA
BORDO SCHEDA

Dimensioni del C.S.: 339.50x72.00mm

| | | | |
|---|--|---|------------------------|
| 1.1 27/03/06 D.Miladinovic L.Gasperini N31 CMP/04 Aggiunta asola 12x20 sul lato saldature | | | |
|  | | DENOMINAZIONE Circuito Stampato Filtro Passa Basso | |
| | | DISPOSITIVO PJ1000M (1000W Mos-Fet Amplifier) | |
| MATERIALE | Diclad 527 Doppia Faccia Sp. 1.6mm Rame 70/70 | DISEGNATO D'Alessio D. li 07/04/2001 | DISEGNO CSLPFPJ1KM2 |
| TRATTAMENTO | Argentatura | SCALA 1:1 | TAVOLA n 1 di 1 |

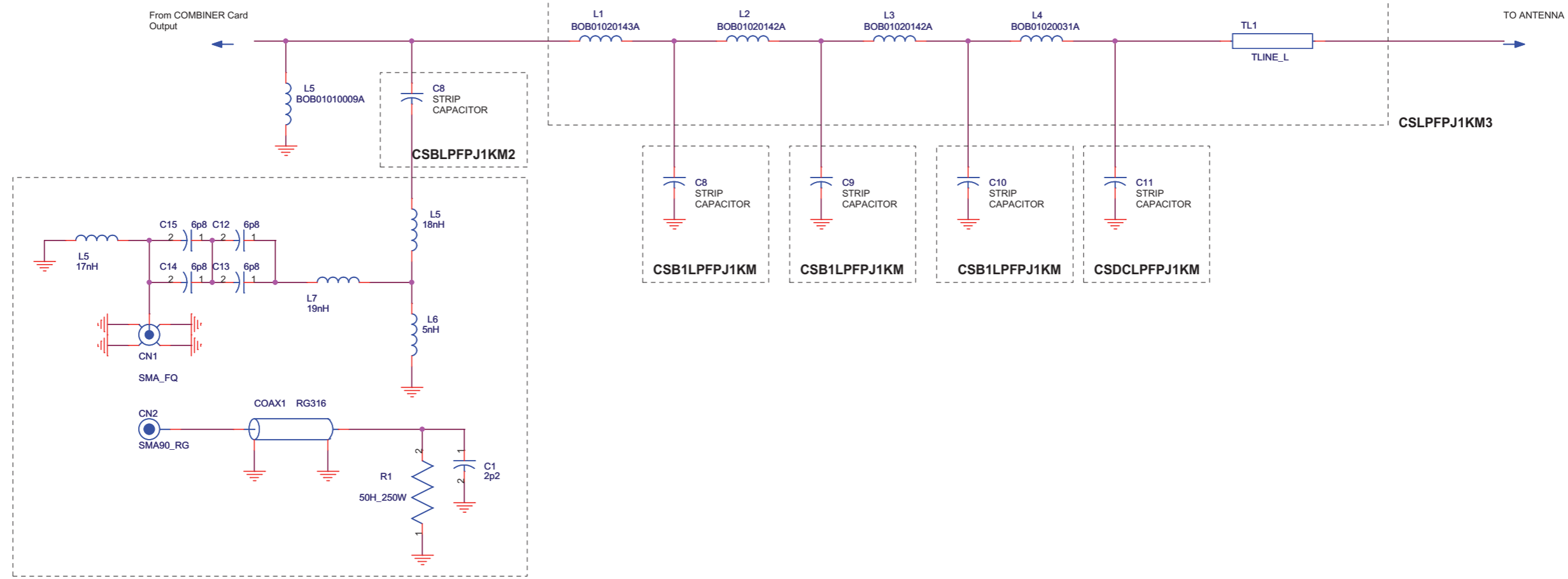


2 SPIRE
AVVOLTA SU
DIAM.
18MM
DISTANZA TRA
LE SPIRE 5 mm

2 SPIRE
AVVOLTA SU
DIAM.
21MM
DISTANZA TRA
LE SPIRE 5mm

2 SPIRE
AVVOLTA SU
DIAM.
21MM
DISTANZA TRA
LE SPIRE 5mm

2 SPIRE
AVVOLTA SU
DIAM.
19MM
DISTANZA TRA
LE SPIRE 7mm



| | | |
|-------------------------------------|------------------|---|
| Nome Progetto: TEX2500 | Pagina: 1 di 1 | Size: A3 |
| Autore: Ufficio Tecnico | Data: 26-03-2012 | Codice Progetto: 237 |
| Nome PC in Rete: \\Rvrut\Rilasciatl | Revisione: 1.1 | Nome Parte: Scheda Filtro FM Green Line |
| File/Cartella: SLLPFTEX2K5.DSN | Autorizzazione: | Codice: SLLPFTEX2K5 |

SLLPFTEX2K5

Scheda Filtro FM Green Line Revised: 26/03/2012

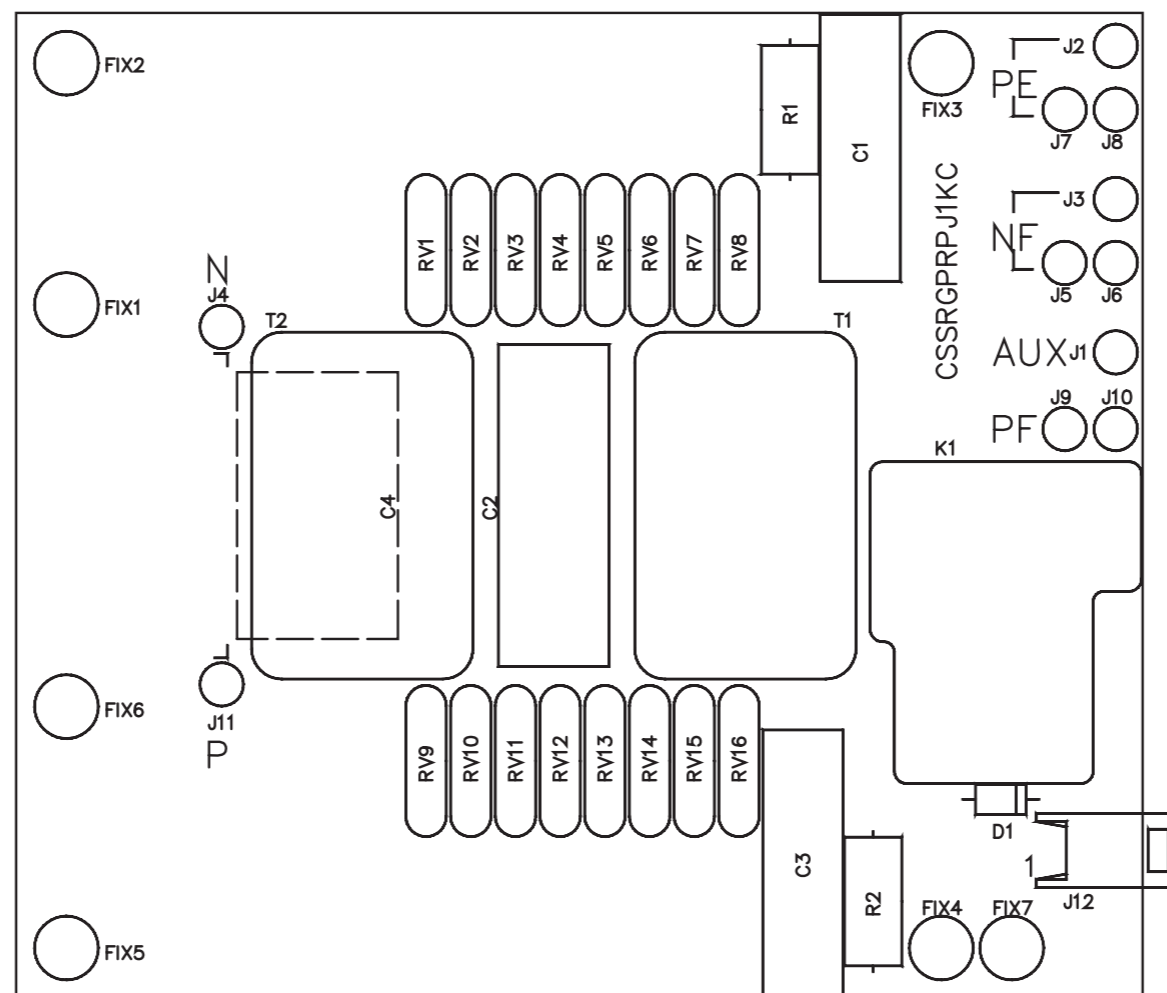
SLLPFTEX2K5 Revision: 1.1

TEX2500

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Ufficio Tecnico

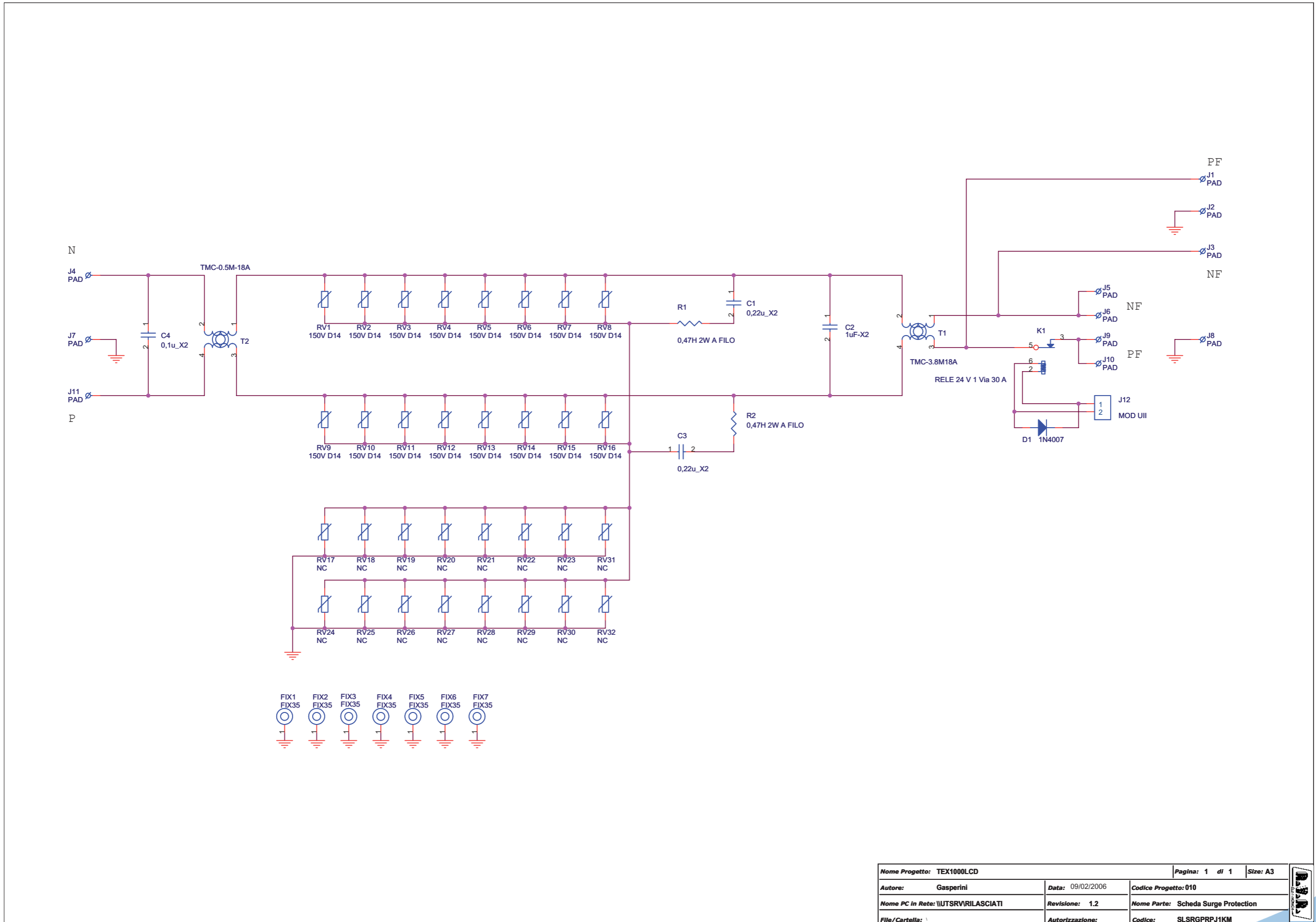
| Item | Quantity | Reference | Part | Description |
|------|----------|--------------------|--------------|-------------|
| 1 | 1 | L5 | BOB01010009A | |
| 2 | 1 | L5 | 18nH | |
| 3 | 1 | L5 | 17nH | |
| 4 | 1 | CN_RF_test | BNC | |
| 5 | 1 | CN1 | SMA_FQ | |
| 6 | 1 | CN2 | SMA90_RG | |
| 7 | 1 | COAX1 | RG316 | |
| 8 | 1 | C1 | 2p2 | |
| 9 | 3 | C8, C9, C10 | 54pFTFL | |
| 10 | 1 | C11 | 27pFTFL | |
| 11 | 4 | C12, C13, C14, C15 | 6p8 | |
| 12 | 1 | L1 | BOB01020143A | |
| 13 | 1 | L2 | BOB01020142A | |
| 14 | 1 | L3 | BOB01020142A | |
| 15 | 1 | L4 | BOB01020031A | |
| 16 | 1 | L6 | 5nH | |
| 17 | 1 | L7 | 19nH | |
| 18 | 1 | R_RF_test | 47H/2W | |
| 19 | 1 | R1 | 50H_250W | |
| 20 | 1 | TL1 | TLINE_L | |



| | | | |
|-----------------------------------|--------------|------------------|---|
| Nome Progetto: TEX1000 | | Pagina: 1 di 1 | Size: A4 |
| Autore: Ufficio Tecnico | | Data: 22/11/2005 | Codice Progetto: 010 |
| Nome PC in Rete: \\UTSRV\PROGETTI | | Revisione: 1.2 | Nome Parte: Surge Protection Component Layout |
| File/Cartella: \ | | Autorizzazione: | Codice: SLSRGPRPJ1KM |
| Scala: / | Materiale: / | Trattamento: / | Profilo: / |



SLSRGPRPJ1KM



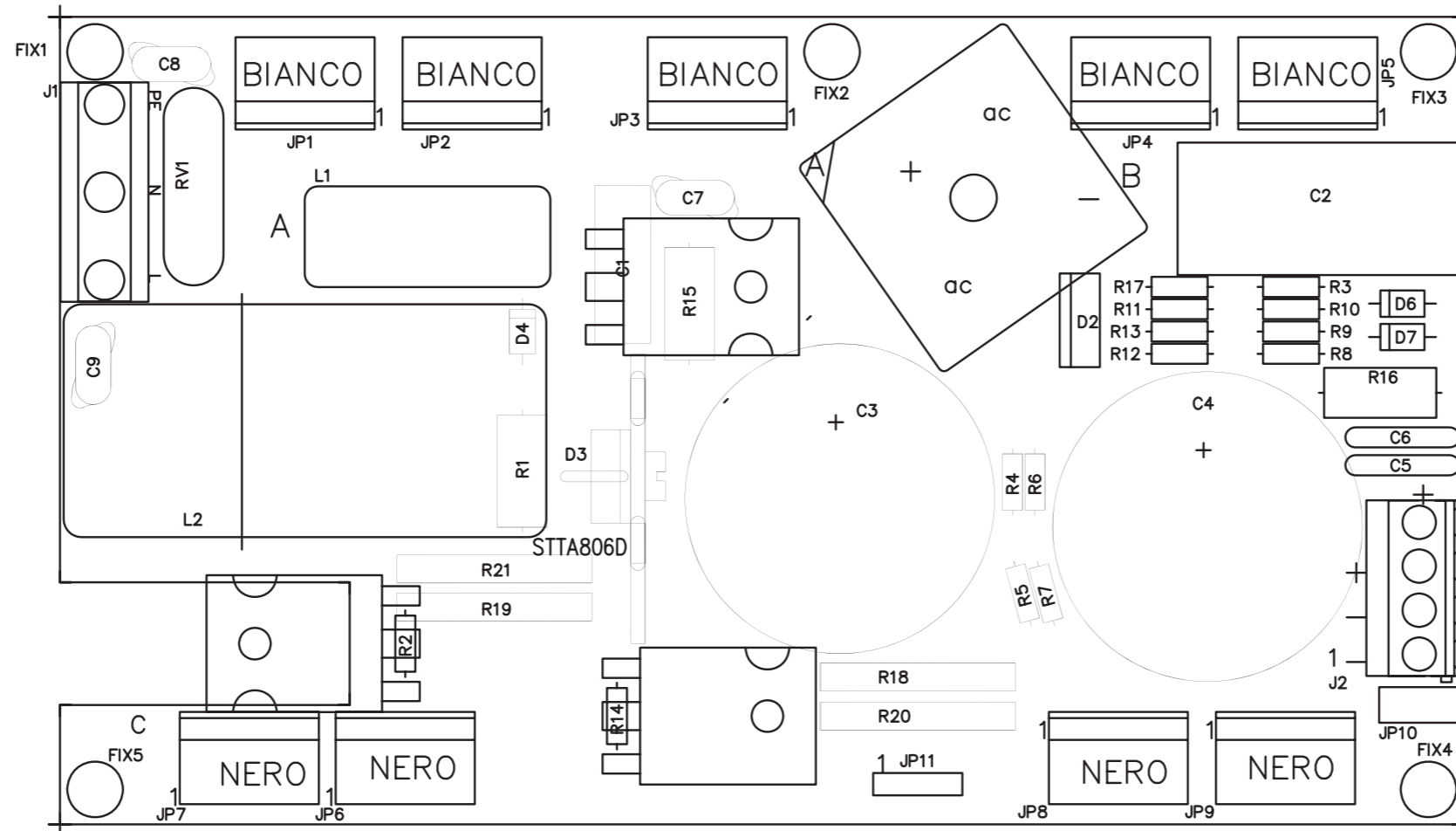
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| Nome Progetto: TEX1000LCD | | Pagina: 1 di 1 | Size: A3 |
| Autore: Gasperini | Data: 09/02/2006 | Codice Progetto: 010 | |
| Nome PC in Rete: WUTSRVILASCIATI | Revisione: 1.2 | Nome Parte: Scheda Surge Protection | |
| File/Cartella: \ | Autorizzazione: | Codice: SLSRGPRPJ1KM | |

SLSRGPRPJ1KM

Scheda Surge Protection Revised: 09/02/2006
 SLSRGPRPJ1KM Revision: 1.2
 TEX1000

| Item | Quantity | Reference | Part |
|------|----------|---|----------------------|
| 1 | 2 | C1, C3 | 0,22u_X2 |
| 2 | 1 | C2 | 1uF-X2 |
| 3 | 1 | C4 | 0,1u_X2 |
| 4 | 1 | D1 | 1N4007 |
| 5 | 7 | FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7 | FIX35 |
| 6 | 11 | J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11 | PAD |
| 7 | 1 | J12 | MOD UII |
| 8 | 1 | K1 | RELE 24 V 1 Via 30 A |
| 9 | 16 | RV1, RV2, RV3, RV4, RV5, RV6, RV7, RV8, RV9, RV10, RV11, RV12, RV13, RV14, RV15, RV16 | 150V D14 |
| 10 | 2 | R2, R1 | 0,47H 2W A FILO |
| 11 | 1 | T1 | TMC-3.8M18A |
| 12 | 1 | T2 | TMC-0.5M-18A |

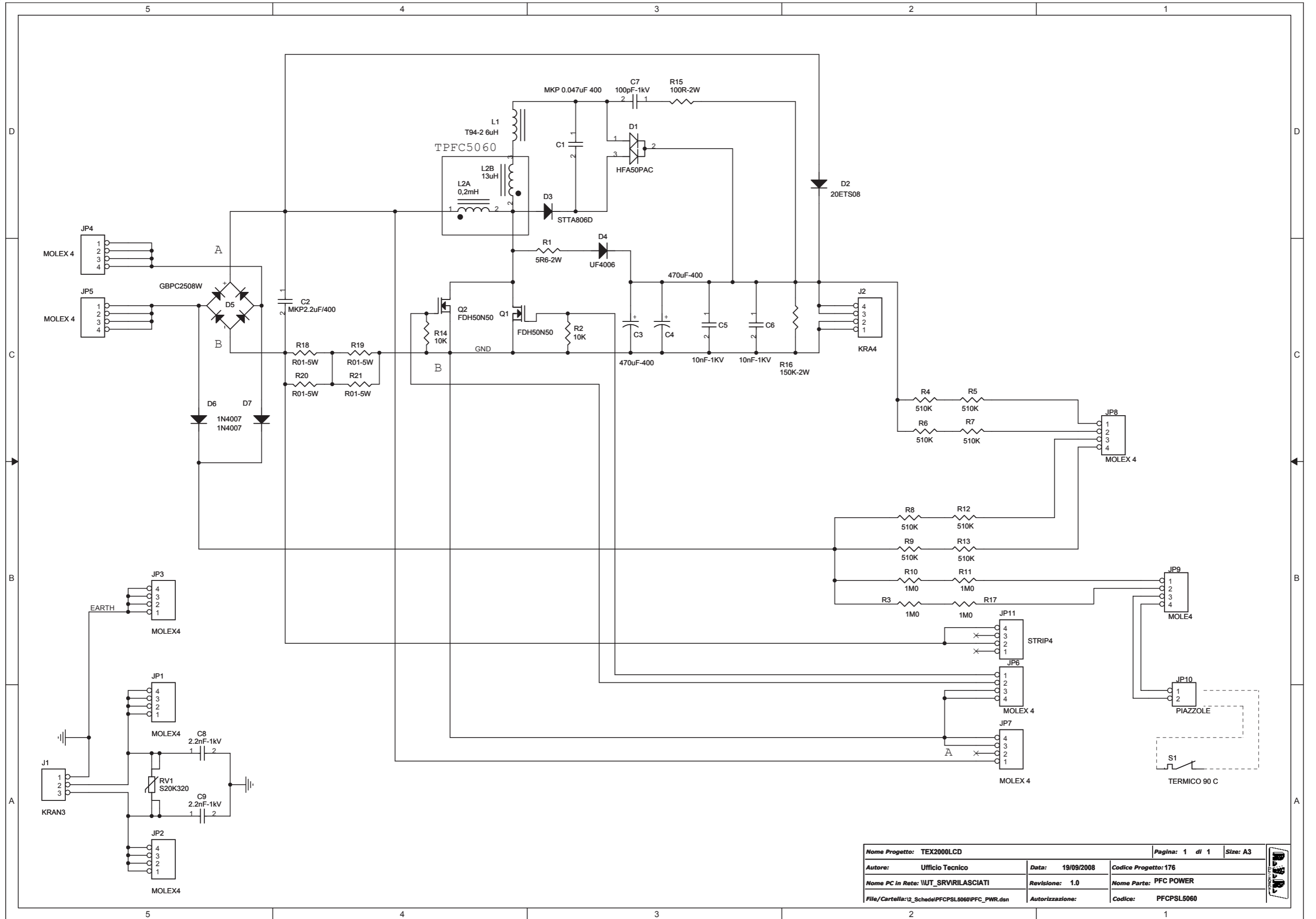
PFPSL5060



| | | | | |
|---|--------------|------------------|--|----------|
| Nome Progetto: TEX2000LCD | | Pagina: 1 di 1 | | Size: A4 |
| Autore: Ufficio Tecnico | | Data: 23/06/2008 | Codice Progetto: 176 | |
| Nome PC in Rete: \\UT_SRV\PROGETTI | | Revisione: 1.0 | Nome Parte: PFC POWER COMPONENT LAYOUT | |
| File/Cartella: \2_Schede\PFPSL5060\PFC1000PW_5060.dwg | | Autorizzazione: | Codice: PFPSL5060 | |
| Scala: / | Materiale: / | Trattamento: / | Profilo: / | |



PFPCSL5060



| | | | | |
|--|------------------|-----------------------|--|----------|
| Nome Progetto: TEX2000LCD | | Pagina: 1 di 1 | | Size: A3 |
| Autore: Ufficio Tecnico | Data: 19/09/2008 | Codice Progetto: 176 | | |
| Nome PC in Rete: \\\UT_SR\RLASCIATI | Revisione: 1.0 | Nome Parte: PFC POWER | | |
| File/Cartella: \\2_Schede\PFPCSL5060\PFC_PWR.dsn | Autorizzazione: | Codice: PFPCSL5060 | | |

PFCPSL5060

PFC POWER Revised: Monday, October 06, 2008

PFCPSL5060 Revision: 1.0

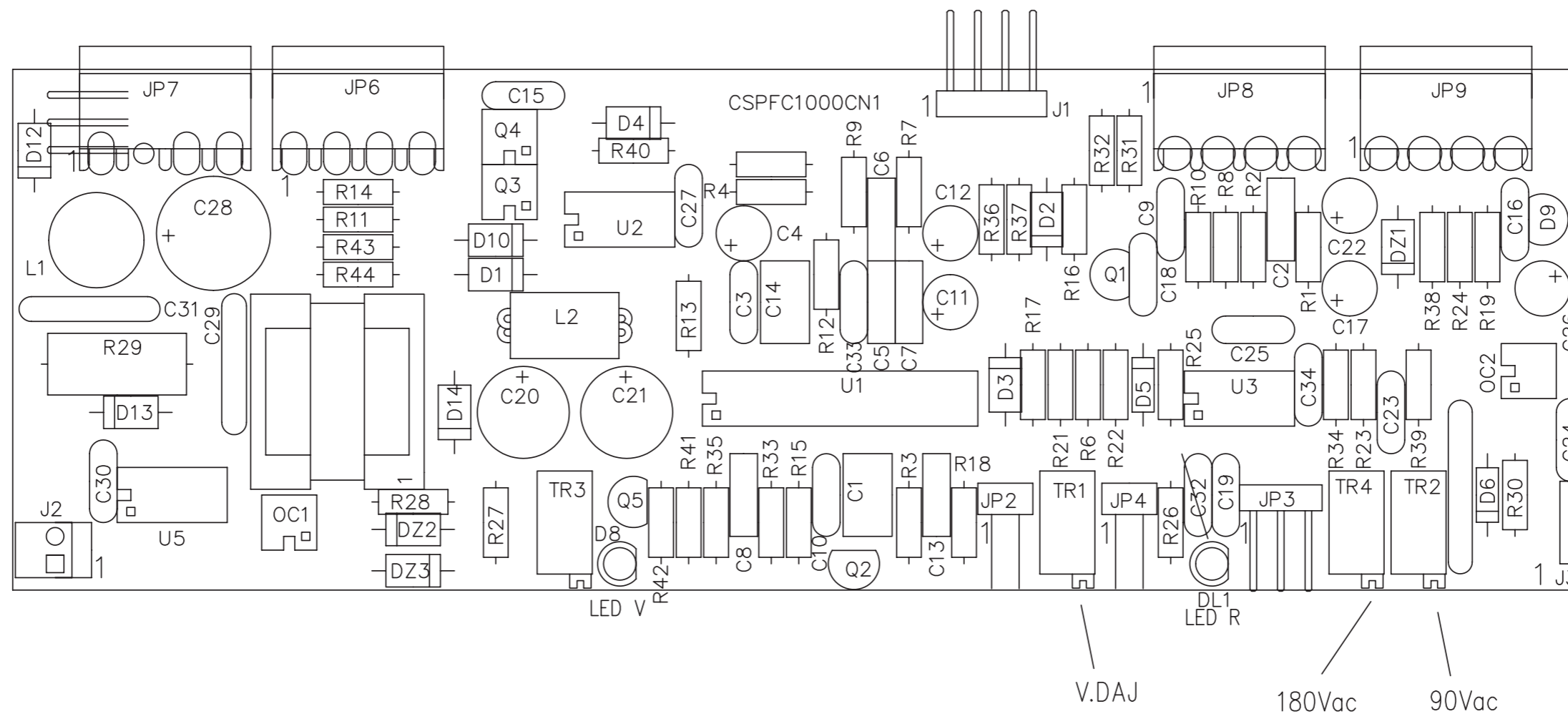
TEX2000LCD

176

Ufficio Tecnico

| Item | Quantity | Reference | Part |
|------|----------|----------------------------------|-----------------|
| 1 | 1 | C1 | MKP 0.047uF 400 |
| 2 | 1 | C2 | MKP2.2uF/400 |
| 3 | 2 | C3, C4 | 470uF-400 |
| 4 | 2 | C5, C6 | 10nF-1KV |
| 5 | 1 | C7 | 100pF-1kV |
| 6 | 2 | C8, C9 | 2.2nF-1kV |
| 7 | 1 | D1 | HFA50PAC |
| 8 | 1 | D2 | 20ETS08 |
| 9 | 1 | D3 | STTA806D |
| 10 | 1 | D4 | UF4006 |
| 11 | 1 | D5 | GBPC2508W |
| 12 | 2 | D6, D7 | 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 | 1 | L1 | T94-2 6uH |
| 21 | 1 | L2 | 0,2mH |
| 22 | 2 | Q1, Q2 | FDH50N50 |
| 23 | 1 | RV1 | S20K320 |
| 24 | 1 | R1 | 5R6-2W |
| 25 | 2 | R2, R14 | 10K |
| 26 | 4 | R3, R10, R11, R17 | 1M0 |
| 27 | 8 | R4, R5, R6, R7, R8, R9, R12, R13 | 510K |
| 28 | 1 | R15 | 100R-2W |
| 29 | 1 | R16 | 150K-2W |
| 30 | 4 | R18, R19, R20, R21 | R01-5W |
| 31 | 1 | S1 | TERMICO 90 C |

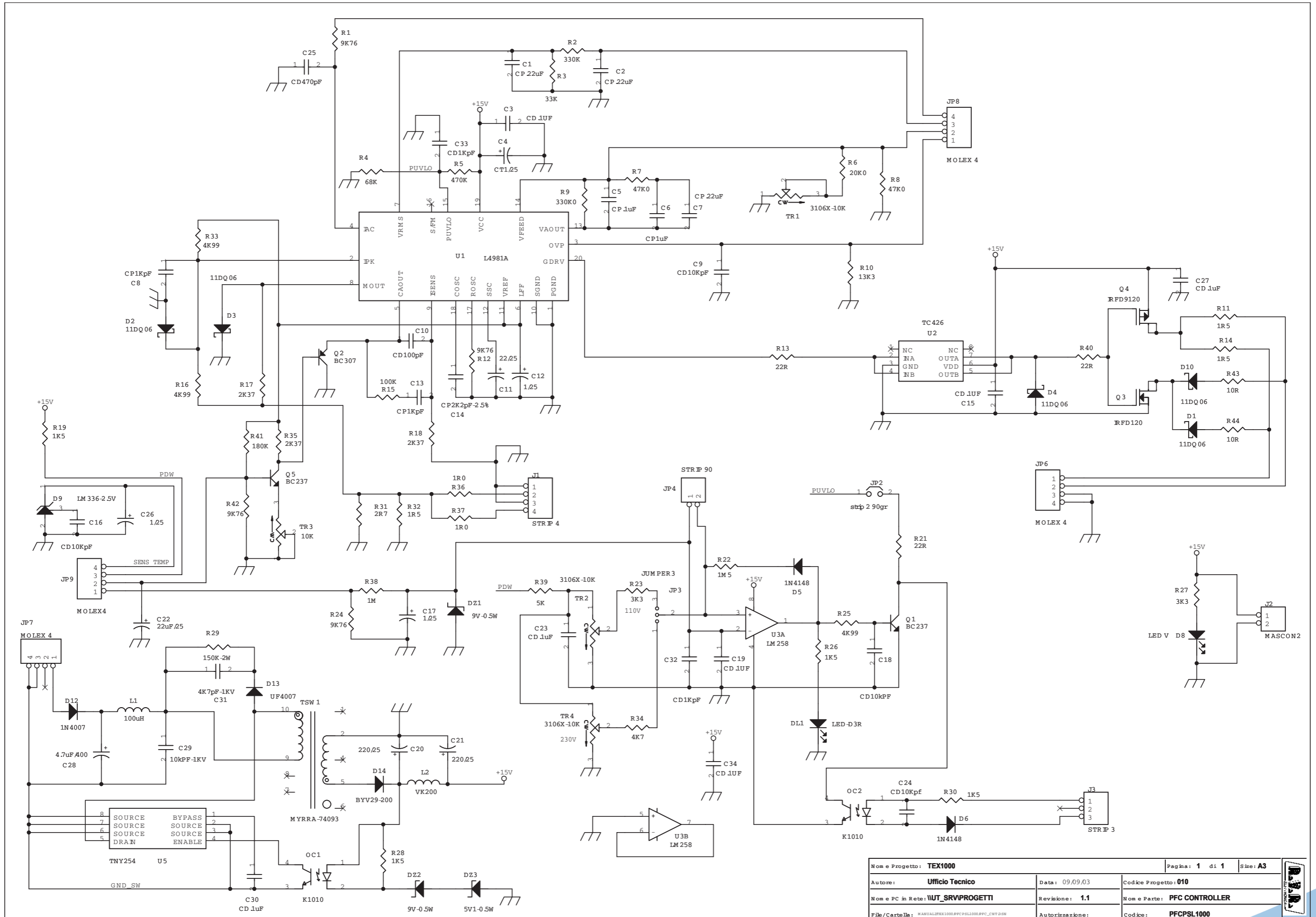
PFPCSL5060



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|--|-----------------|---|------------|----------|
| 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\PFPCSL1000\PFPC1000CNT.dwg | Autorizzazione: | Codice: PFCPSL1000 | | |
| Scala: / | Materiale: / | Trattamento: / | Profilo: / | |



PFPCSL5060



| | | |
|--|------------------------------|-------------------------------------|
| Nome Progetto: TEX1000 | Pagina: 1 di 1 | Size: A3 |
| Autore: Ufficio Tecnico | Data: 09/09/03 | Codice Progetto: 010 |
| Nome e PC in Rete: \UT_SRV\PROGETTI | Revisione: 1.1 | Nome e Parte: PFC CONTROLLER |
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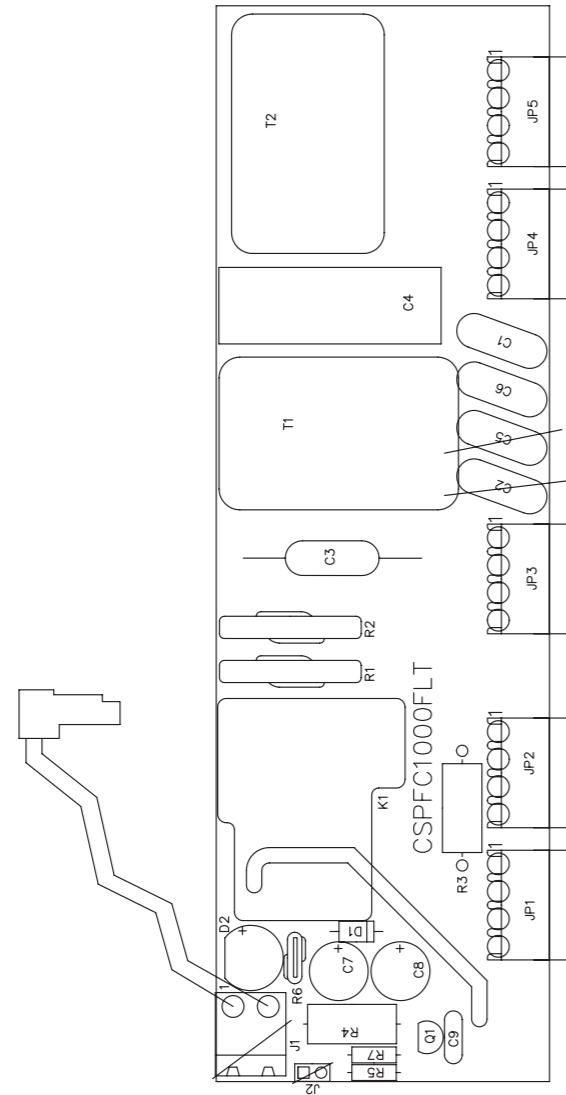
PFPSL5060

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

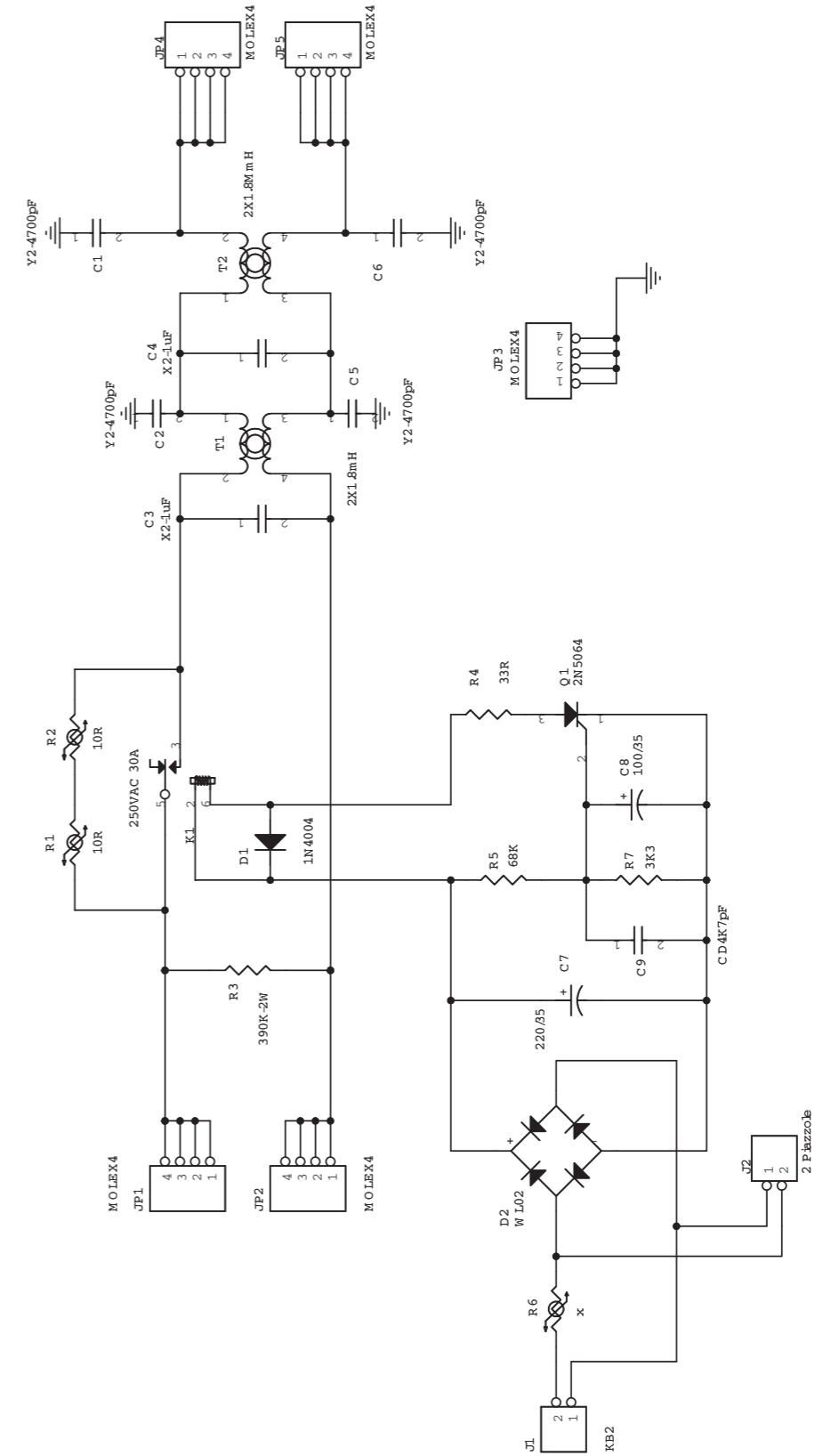
| Item | Quantity | Reference | Part |
|------|----------|----------------------------|---------------|
| 1 | 3 | C1,C2,C7 | CP 22uF |
| 2 | 7 | C3,C15,C19,C23,C27,C30,C34 | CD 1uF |
| 3 | 1 | C4 | CT1,25 |
| 4 | 1 | C5 | CP 1uF |
| 5 | 1 | C6 | CP 1uF |
| 6 | 2 | C8,C13 | CP 1KpF |
| 7 | 4 | C9,C16,C18,C24 | CD 10Kpf |
| 8 | 1 | C10 | CD 100pF |
| 9 | 1 | C11 | 22,25 |
| 10 | 3 | C12,C17,C26 | gen-25 |
| 11 | 1 | C14 | CP 2K2pF-2.5% |
| 12 | 2 | C21,C20 | 220,25 |
| 13 | 1 | C22 | 22uF,25 |
| 14 | 1 | C25 | CD 470pF |
| 15 | 1 | C28 | 4.7uF,400 |
| 16 | 1 | C29 | 10kPF-1KV |
| 17 | 1 | C31 | 4K7pF-1KV |
| 18 | 2 | C33,C32 | CD 1KpF |
| 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 | 11DQ 06 |
| 23 | 2 | D6,D5 | 1N4148 |
| 24 | 1 | D8 | LED V |
| 25 | 1 | D9 | LM 336-2.5V |
| 26 | 1 | D12 | 1N4007 |
| 27 | 1 | D13 | UF4007 |
| 28 | 1 | D14 | BYV29-200 |
| 29 | 1 | JP2 | strip 2.90gr |
| 30 | 1 | JP3 | JUMPER 3 |
| 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 |

PFPCSL5060



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|--|----------------------------|
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| Nome Progetto: TEX1000 | Pagina: 1 di 1 Size: A4 |
| Autore: Ufficio Tecnico | Codice Progetto: 010 |
| Nome PC in Rete: \\UT_SRV\PROGETTI | Revisione: 1.1 |
| File/Carrello: MANUALE\TEX1000\PFPCSL1000\FLT1000PFC.dwg | Autorizzazione: PFPCSL1000 |
| Scala: / | Treatment: / |
| Materiale: / | Profilo: / |



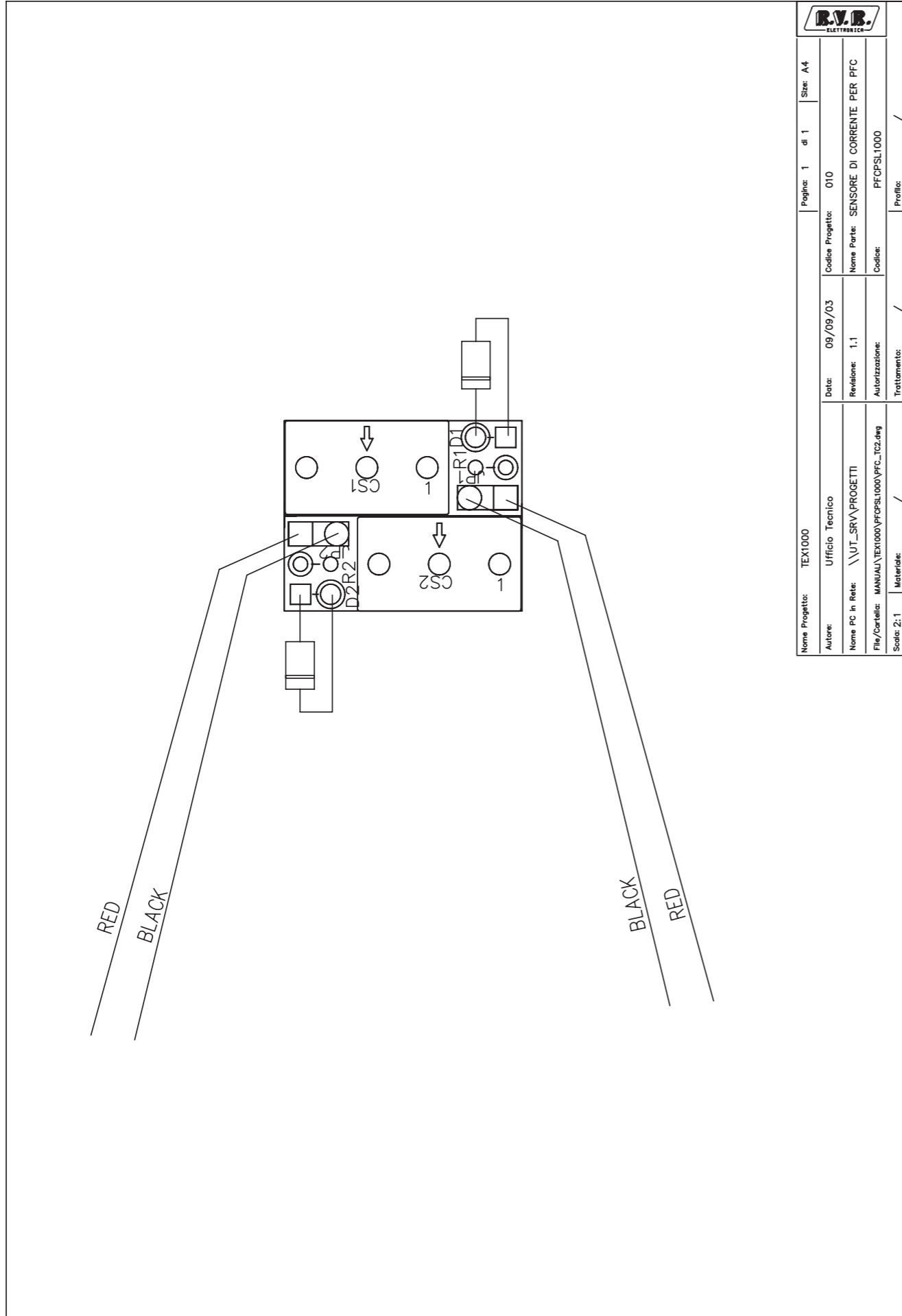
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| Nome e Progetto: TEX1000 | Pagina: 1 di 1 Size: A4 |
| Autore: Ufficio Tecnico | Codice Progetto: 010 |
| Nome e PC in Rete: \\UT_SRV\PROGETTI | Revisione: 1.1 |
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FFCPSL5060

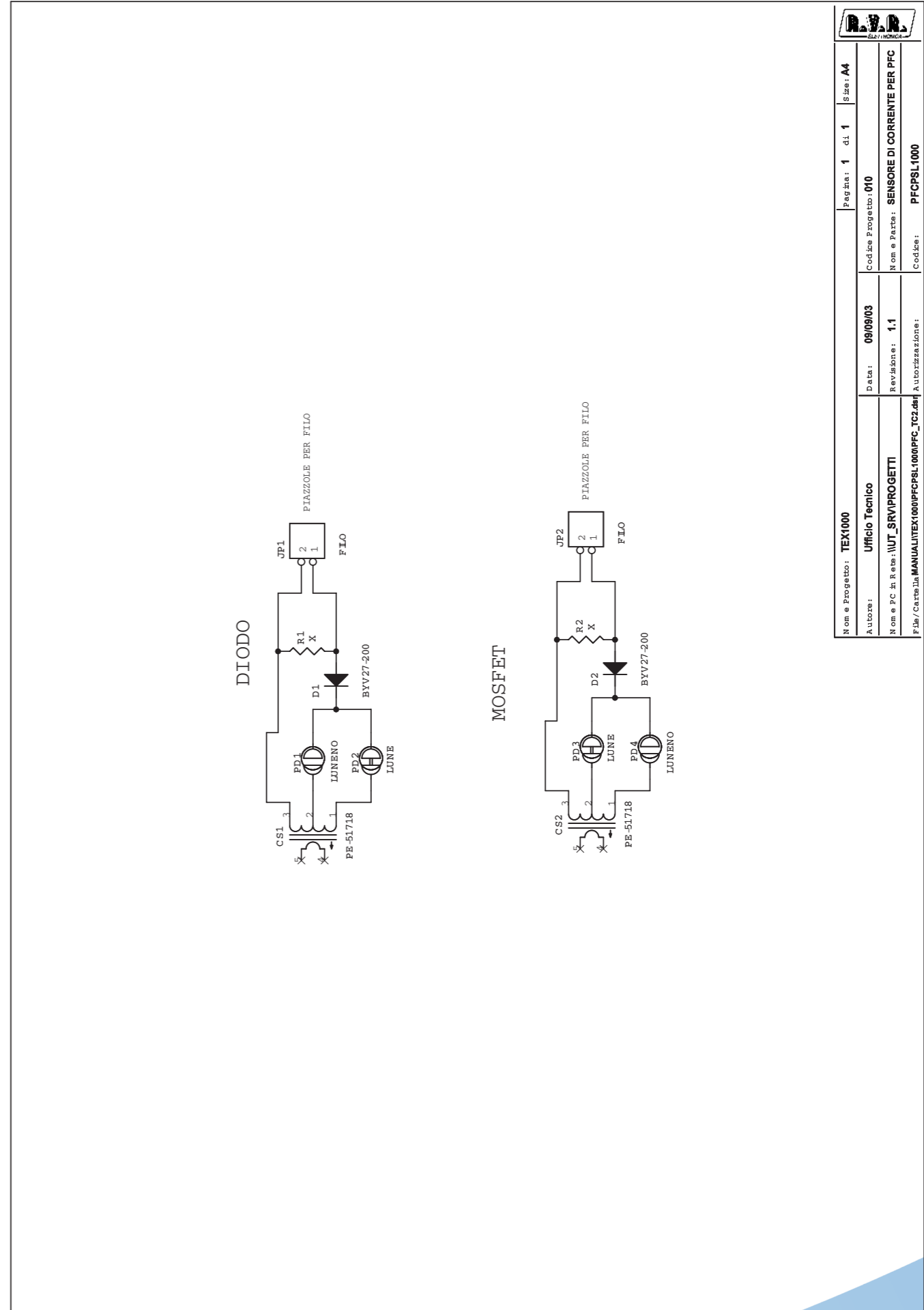
SOFT SART E FILTRO EMI Revised: Tuesday, September 16, 2003
 PFCPSL1000 Revision: 1.1
 TEX1000

| 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 | MOLEX4 |
| 9 | 1 | J1 | KB2 |
| 10 | 1 | J2 | 2 P azzo b |
| 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 |

PFPCSL5060



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|---|--|-----------------|--|---|--|
| 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: SENSORE DI CORRENTE PER PFC | |
| File/Cartella: MANUA\TEX1000\PFPCSL1000\PFC_TC2.dwg | | Autorizzazione: | | Codice: PFPCSL1000 | |
| Scala: 2:1 | | Materiale: / | | Trattamento: / | |



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|--|--|-----------------|--|---|--|
| Nome e Progetto: TEX1000 | | Pagina: 1 di 1 | | Size: A4 | |
| Autore: Ufficio Tecnico | | Data: 09/09/03 | | Codice Progetto: 010 | |
| Nome e PC in Rete: \\UT_SRV\PROGETTI | | Revisione: 1.1 | | Nome e Parte: SENSORE DI CORRENTE PER PFC | |
| File/Carta: MANUA\TEX1000\PFPCSL1000\PFC_TC2.dwg | | Autorizzazione: | | Codice: PFPCSL1000 | |

PFCPSL5060

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

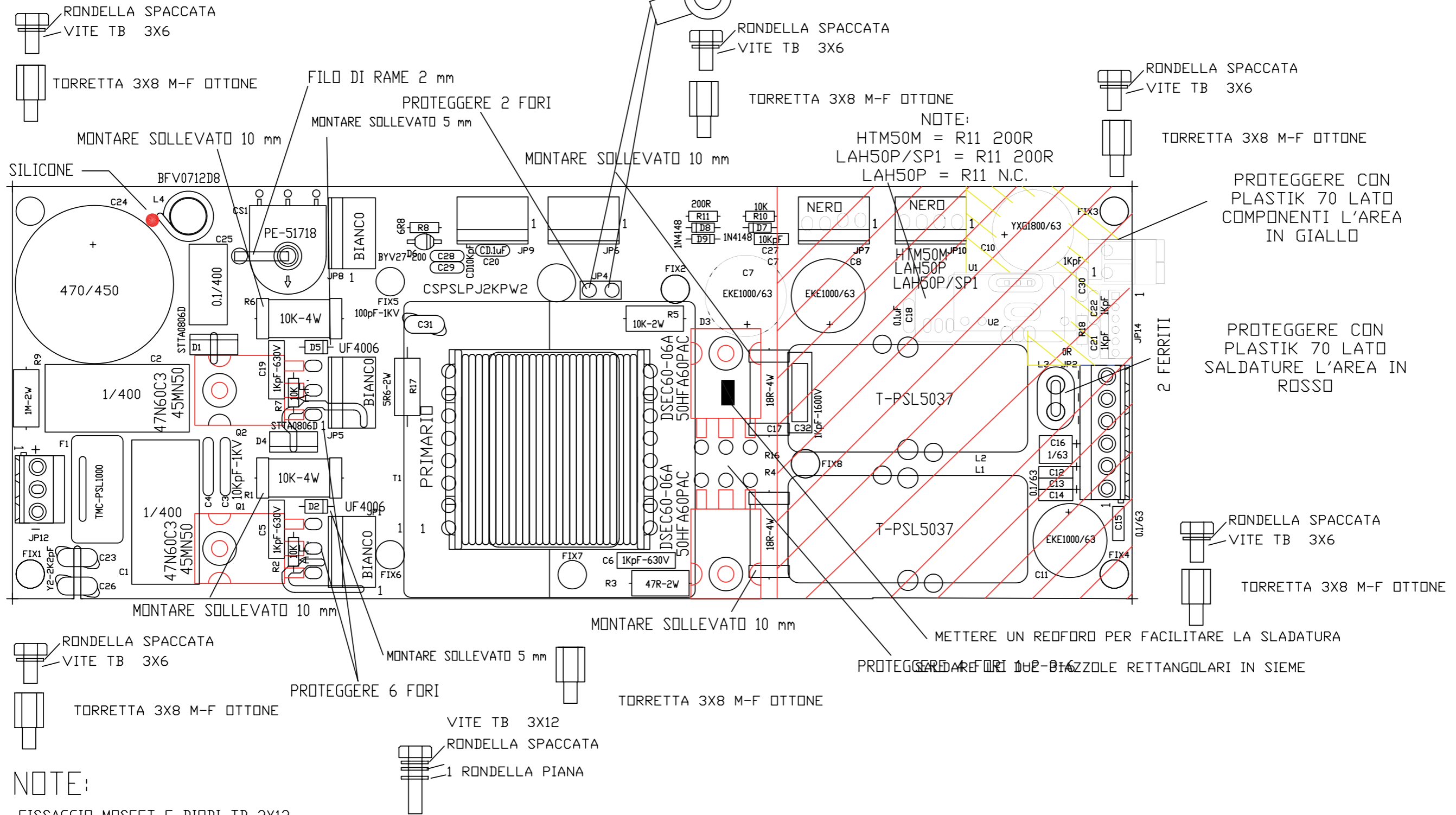
| Item | Quantity | Reference | Part |
|------|----------|-----------|-----------|
| 1 | 2 | CS1,CS2 | PE-51718 |
| 2 | 2 | D2,D1 | BYV27-200 |
| 3 | 2 | JP1,JP2 | FLO |
| 4 | 2 | PD1,PD4 | LUNENO |
| 5 | 2 | PD2,PD3 | LUNE |
| 6 | 2 | R2,R1 | X |

PSL5037.2K5

PIANO DI MONTAGGIO PSL5037_2K5 GREEN LINE

NOTE:

CPSPL1KCNT/1 = SM4480C
CPSPL1KCNT/2 = B57703M103G



NOTE:

FISSAGGIO MOSFET E DIODI TB 3X12

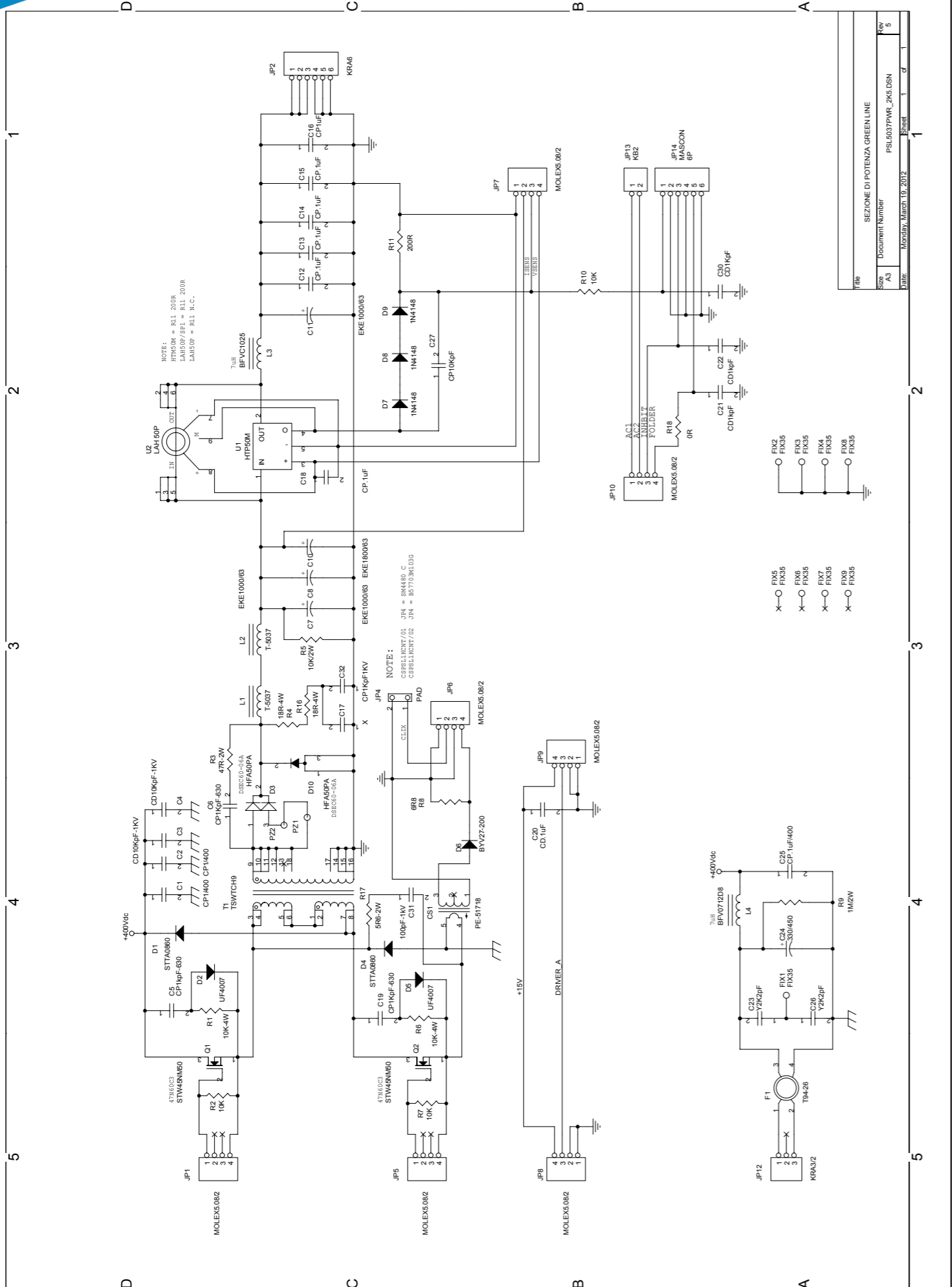
SOTTO AI MOS E DIODI CON GRASSO 1 MICA SARCON 25GHR

CON SOLO D3 (50HFA60) CHIUDERE CON STAGNO 3-6

CON PIASTRA ALLUMINIO 5mm INSERIRE 1 RONDELLA SPACCATA SOTTO LE TORRETTE DI FISSAGGIO

| | |
|-----------------|---|
| ARCHIVIO: | X:\WORKDWG\PSL1000 |
| TITLE: | PIANO DI MONTAGGIO SEZIONE POWER PSL5037_2K5 GREEN LINE |
| DOCUMENT NUMBER | PSL5037_2K5_R1.DWG |
| REV | 1 |
| DATE: | 22 FEBBRAIO 2012 |

PSL5037.2K5

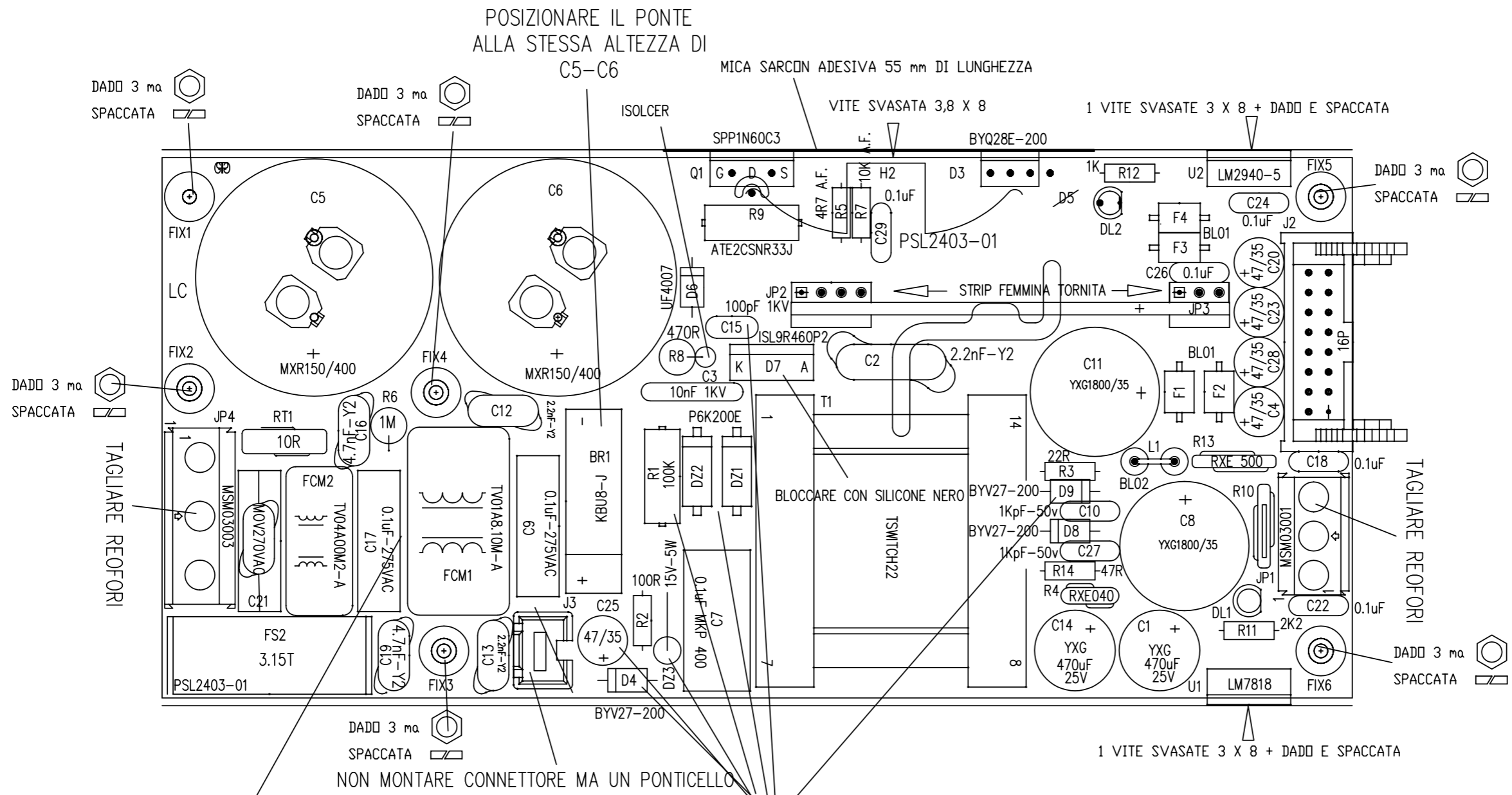


SEZIONE DI POTENZA GREEN LINE Revised: Monday, March 19, 2012
 PSL5037PWR_2K5.DSN Revision: 5

| Item | Quantity | Reference | Part |
|------|----------|--------------------------------------|-------------|
| 1 | 1 | CS1 | PE-51718 |
| 2 | 2 | C2C1 | CP1/400 |
| 3 | 2 | C4C3 | CD10KpF-1KV |
| 4 | 3 | C5C6C19 | CP1kpF-630 |
| 5 | 3 | C7C8C11 | EKE1000/63 |
| 6 | 1 | C10 | EKE1800/63 |
| 7 | 5 | C12C13C14C15C18 | CP.1uF |
| 8 | 1 | C16 | CP1uF |
| 9 | 1 | C17 | X |
| 10 | 1 | C20 | CD.1uF |
| 11 | 3 | C21C22C30 | CD1kpF |
| 12 | 2 | C26C23 | Y2K2pF |
| 13 | 1 | C24 | 330/450 |
| 14 | 1 | C25 | CP.1uF/400 |
| 15 | 1 | C27 | CP10KpF |
| 16 | 1 | C31 | 100pF-1kV |
| 17 | 1 | C32 | CP1KpF1KV |
| 18 | 2 | D4D1 | STTA0860 |
| 19 | 2 | D5D2 | UF4007 |
| 20 | 2 | D10D3 | HFA50PA |
| 21 | 1 | D6 | BYV27-200 |
| 22 | 3 | D7D8D9 | 1N4148 |
| 23 | 9 | FIX1FIX2FIX3FIX4FIX5FIX6FIX7FIX8FIX9 | FIX35 |
| 24 | 1 | F1 | T94-26 |
| 25 | 7 | JP1JP5JP6JP7JP8JP9JP10 | MOLEX5.08/2 |
| 26 | 1 | JP2 | KRA6 |
| 27 | 1 | JP4 | PAD |
| 28 | 1 | JP12 | KRA3/2 |
| 29 | 1 | JP13 | KB2 |
| 30 | 1 | JP14 | MASCON |
| 31 | 2 | L1L2 | T-5037 |
| 32 | 1 | L3 | BFV0712D8 |
| 33 | 1 | L4 | PIAZZOLA |
| 34 | 2 | PZ1PZ2 | STW45NM50 |
| 35 | 2 | Q1Q2 | 10K-4W |
| 36 | 2 | R1R6 | 10K |
| 37 | 3 | R2R7R10 | 47R-2W |
| 38 | 1 | R3 | 18R-4W |
| 39 | 2 | R16R4 | 10K/2W |
| 40 | 1 | R5 | 6R8 |
| 41 | 1 | R8 | 1M/2W |
| 42 | 1 | R9 | 200R |
| 43 | 1 | R11 | 5R6-2W |
| 44 | 1 | R17 | OR |
| 45 | 1 | R18 | OR |
| 46 | 1 | T1 | TSWTC9 |
| 47 | 1 | U1 | HTP50M |
| 48 | 1 | U2 | LAH 50P |

PSL2403-TEX2K

PIANO DI MONTAGGIO PSL2403-06 TEX 2K

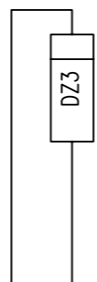


POSIZIONARE IL PONTE ALLA STESSA ALTEZZA DI C5-C6
MICA SARCON ADESIVA 55 mm DI LUNGHEZZA

BLOCCARE CON SILICONE NERO

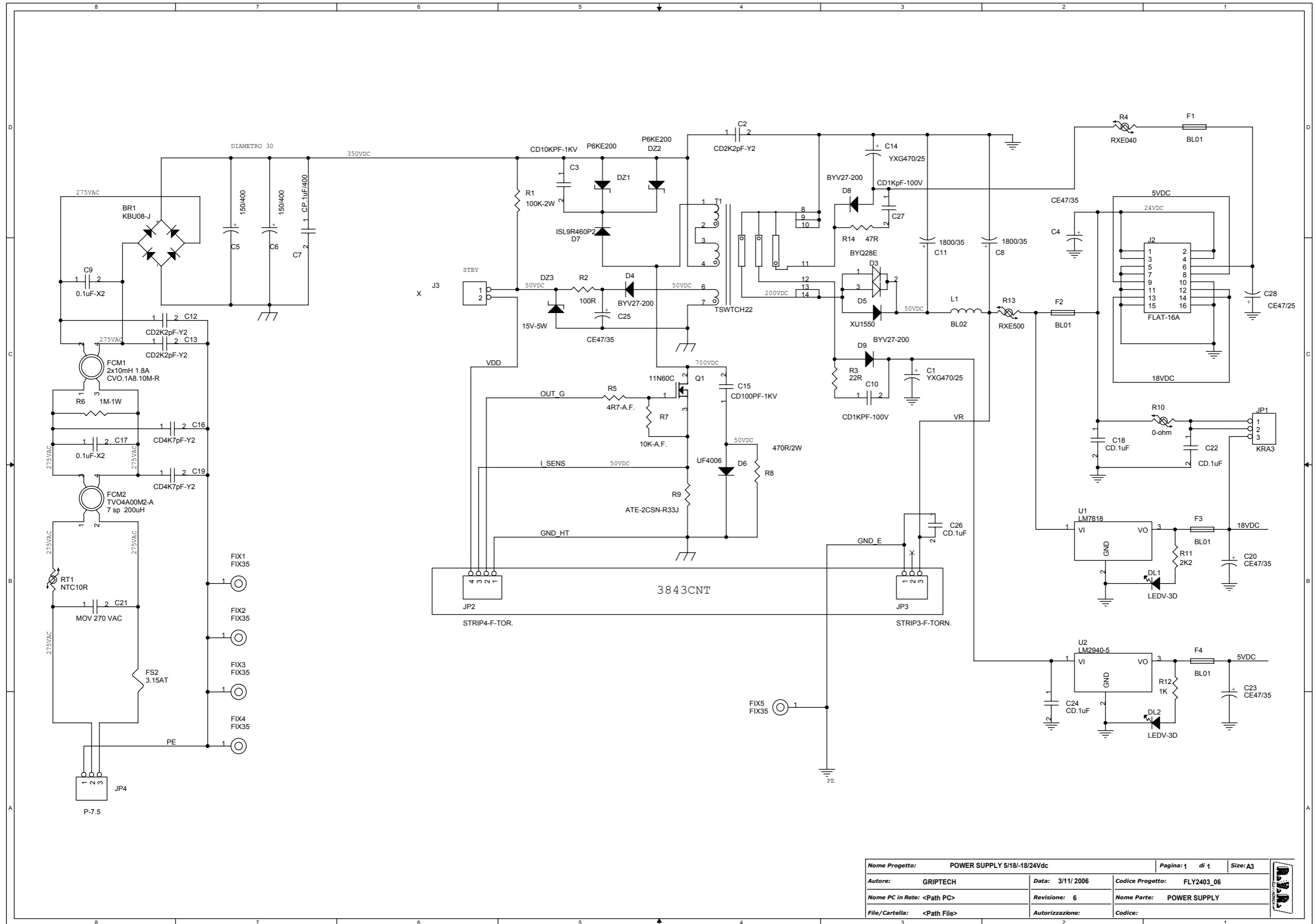
I SEGUENTI COMPONENTI DEVONO ESSERE MONTATI SOLLEVATI
DZ1, DZ2, DZ3, R1, R2, C15, C25, D4, D9

!!!! PER I COMPONENTI IN GIALLO VEDI CAMPIONE !!!!



| | |
|---|-------|
| ARCHIVIO: X:\WORKDWG\ | |
| TITLE PIANO DI MONTAGGIO PSL2403 TEX 2K | |
| DOCUMENT NUMBER PSL2403_06_MNT. DWG | REV 6 |
| DATE: 1 settembre 2008 | |

PSL2403-TEX2K



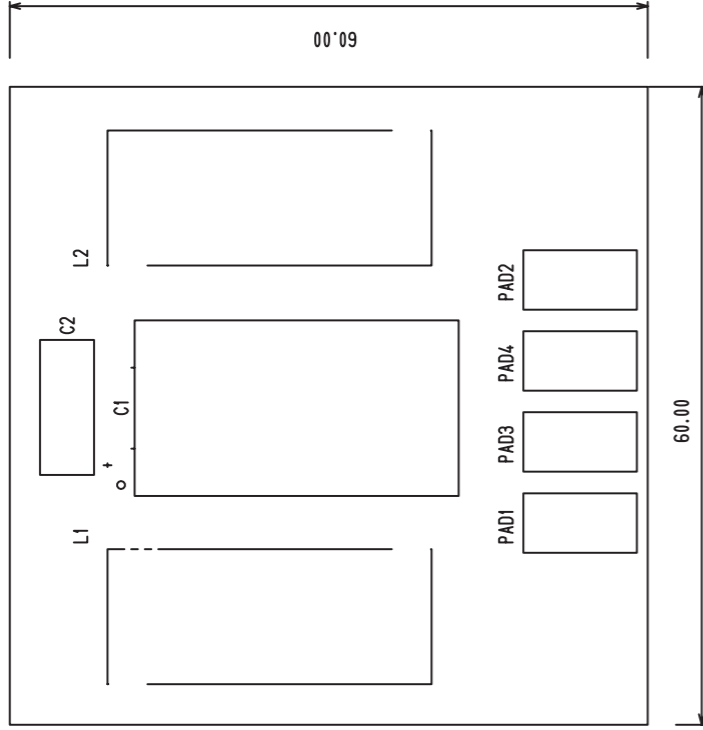
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| Nome Progetto: POWER SUPPLY 5/18-/18/24Vdc | | Pagina: 1 di 1 | Size: A3 |
| Autore: GRIPTECH | Data: 3/11/ 2006 | Codice Progetto: FLY2403_06 | |
| Nome PC in Rete: <Path PC> | Revisione: 6 | Nome Parte: POWER SUPPLY | |
| File/Cartella: <Path File> | Autorizzazione: | Codice: | |

PSL2403-TEX2K

Revised: Thursday, July 24, 2008
Revision:

| Item | Quantity | Reference | Part |
|------|----------|------------------------------|----------------|
| 1 | 1 | BR1 | KBU08-J |
| 2 | 2 | C1, C14 | YXG470/25 |
| 3 | 3 | C2, C12, C13 | CD2K2pF-Y2 |
| 4 | 1 | C3 | CD10KPF-1KV |
| 5 | 4 | C4, C20, C23, C25 | CE47/35 |
| 6 | 2 | C5, C6 | 150/400 |
| 7 | 1 | C7 | CP.1uF/400 |
| 8 | 2 | C8, C11 | 1800/35 |
| 9 | 2 | C9, C17 | 0.1uF-X2 |
| 10 | 2 | C10, C27 | CD1KpF-100V |
| 11 | 1 | C15 | CD100PF-1KV |
| 12 | 2 | C16, C19 | CD4K7pF-Y2 |
| 13 | 4 | C18, C22, C24, C26 | CD.1uF |
| 14 | 1 | C21 | MOV 270 VAC |
| 15 | 1 | C28 | CE47/25 |
| 16 | 2 | DL1, DL2 | LEDV-3D |
| 17 | 2 | DZ1, DZ2 | P6KE200 |
| 18 | 1 | DZ3 | 15V-5W |
| 19 | 1 | D3 | BYQ28E |
| 20 | 3 | D4, D8, D9 | BYV27-200 |
| 21 | 1 | D5 | XU1550 |
| 22 | 1 | D6 | UF4006 |
| 23 | 1 | D7 | ISL9R460P2 |
| 24 | 1 | FCM1 | CVO.1A8.10M-R |
| 25 | 1 | FCM2 | TVO4A00M2-A |
| 26 | 5 | FIX1, FIX2, FIX3, FIX4, FIX5 | FIX35 |
| 27 | 1 | FS2 | 3.15AT |
| 28 | 4 | F1, F2, F3, F4 | BL01 |
| 29 | 1 | JP1 | KRA3 |
| 30 | 1 | JP2 | STRIP4-F-TOR. |
| 31 | 1 | JP3 | STRIP3-F-TORN. |
| 32 | 1 | JP4 | P-7.5 |
| 33 | 1 | J2 | FLAT-16A |
| 34 | 1 | J3 | X |
| 35 | 1 | L1 | BL02 |
| 36 | 1 | Q1 | 11N60C |
| 37 | 1 | RT1 | NTC10R |
| 38 | 1 | R1 | 100K-2W |
| 39 | 1 | R2 | 100R |
| 40 | 1 | R3 | 22R |
| 41 | 1 | R4 | RXE040 |
| 42 | 1 | R5 | 4R7-A.F. |
| 43 | 1 | R6 | 1M-1W |
| 44 | 1 | R7 | 10K-A.F. |
| 45 | 1 | R8 | 470R/2W |
| 46 | 1 | R9 | ATE-2CSN-R33J |
| 47 | 1 | R10 | 0-ohm |
| 48 | 1 | R11 | 2K2 |
| 49 | 1 | R12 | 1K |
| 50 | 1 | R13 | RXE500 |
| 51 | 1 | R14 | 47R |
| 52 | 1 | T1 | TSWTC22 |
| 53 | 1 | U1 | LM7818 |
| 54 | 1 | U2 | LM2940-5 |

SLFILPSPJGRL



DATA RILASCIO: 25/6/03

REV:

DIM.SCHEDA: VEDI QUOTE
TRATT: STANDARD COSTRUTTORE

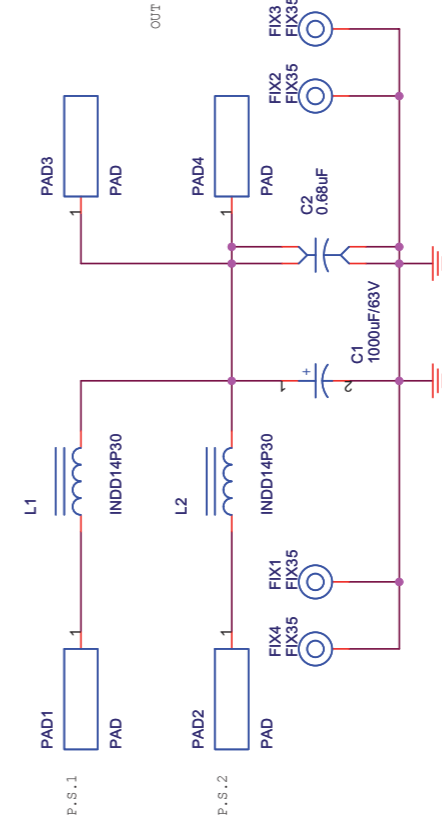
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VISTA POSITIVA

DIS. S.POL.
CTR. A2
LATO SERIGRAFIA
VISTA LATO COMPONENTI

DENOMINAZIONE
SCHEDA NODO DI CORRENTE

CODICE
CSFILPSPJ1KC

RVR ELETTRONICA S.P.A.
SCALA 1:1



| | | | | |
|---|-------------------------|---|----------------|----------|
| Nome Progetto: TEX1000 | Autore: Ufficio Tecnico | Data: 09/09/03 | Pagina: 1 di 1 | Size: A4 |
| Nome P.C. in Rete: \UTSRVPROGETTI | Revisione: 1.1 | Codice Progetto: 010 | | |
| File/Cartella: \UtSr\Progetti\Revis03_3\SCHEDE\SLFILPSPJ1KC | Autorizzazione: | Nome Parte: Scheda filtro TEX1000/PJ1000C | | |
| | | Codice: | SLFILPSPJ1KC | |

SLFILPSPJGRL

Scheda filtro TEX/PJ 2000 & 2500
 SLFILPSPJGRL Revision: 1.0
 #####

| Item | Quantity | Reference | Part |
|------|----------|------------------------|--|
| 1 | 1 | C1 | 1000uF/63V CEA108MW630V COND.EL.AL.V.1000MF 63V 105° SWITCH NOTA 1 |
| 2 | 1 | C2 | 0.68uF CPE684JC101 COND. POL. 680NF 5% 5,08MM 100V NOTA 2 |
| 3 | 4 | FIX1, FIX2, FIX3, FIX4 | FIX35 |
| 4 | 1 | L1 | BOB03010008A BOB03010008A BOB03010008A |
| 5 | 4 | PAD1, PAD2, PAD3, PAD4 | PAD |
| 6 | 1 | CSFILPSPJ1KC | CS1 CSFILPSPJ1KC CIRC.STAMP.FILTRO ALIM.PJ1000 COMPA NOTA 3 |

NOTA 1: MONTARE IN VERTICALE

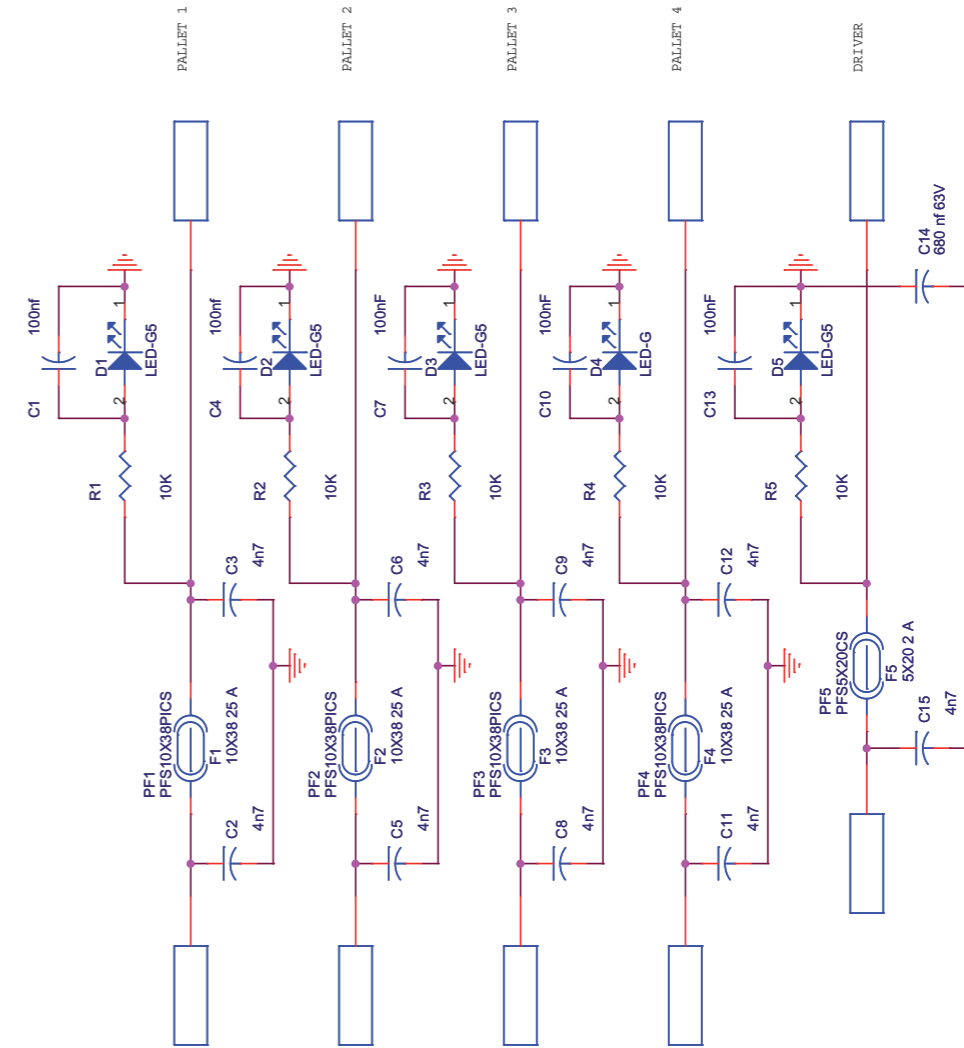
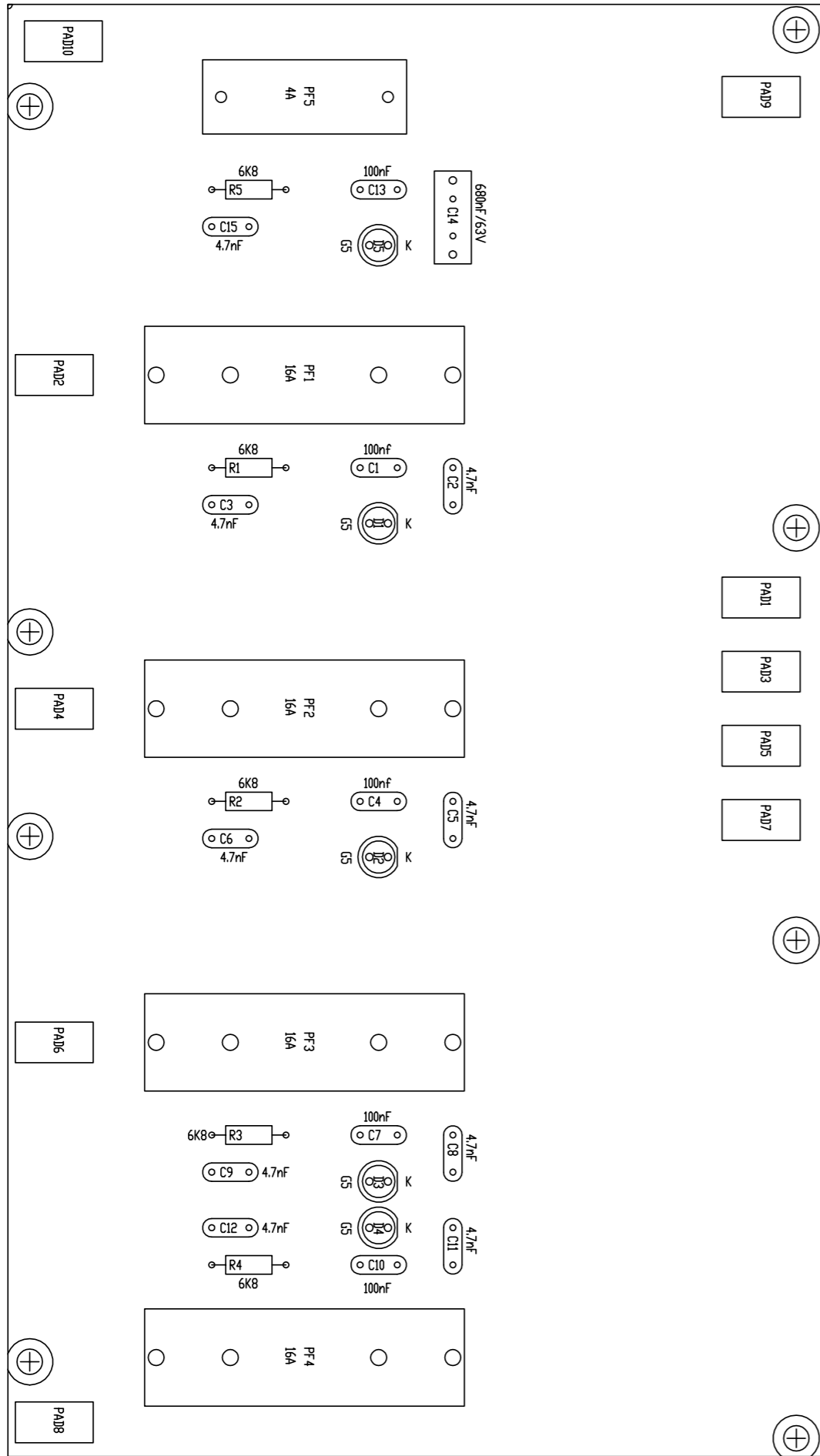
NOTA 2: MONTARE SU LS SDRAIATO

NOTA 3: FARE FORI E TAGLI DI PISTA COME CAMPIONE FINO ALL'ARRIVO DEL NUOVO CS

SLFUSRFPJ2K5C



| | | |
|----------------------------------|-------------------------------------|----------------|
| Nome Progetto: TEX/PJ 2500 | Pagina: 1 di 1 | Size: A4 |
| Autore: GASPERINI LUCA | Codice Progetto: 237 | Data: 28/06/12 |
| Nome PC in Rete: \RVUTR\lasciati | Nome Parte: SCHEDA FUSE TEX/PJ 2500 | Revisione: 1.1 |
| File/Cartella: / | Autore: / | Autore: / |

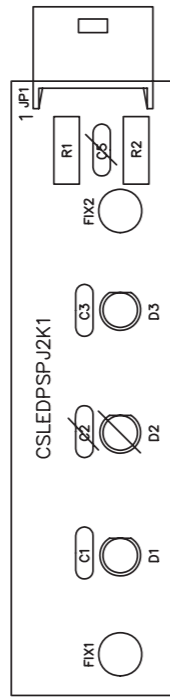


SLFUSRFPJ2K5C

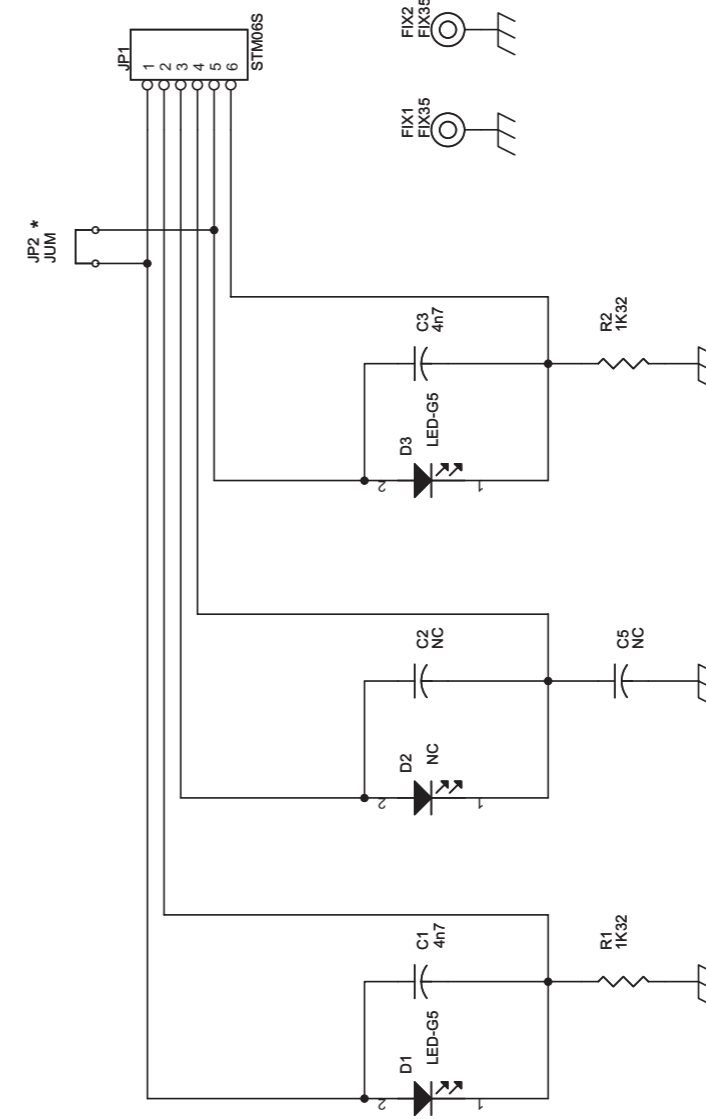
SCHEDA FUSE TEX/PJ 2500 SLFUSRFPJ2K5C
 28/06/2012 Revision: 1.1
 TEX/PJ2500
 237
 GASPERINI LUCA

| Item | Quantity | Reference | Part | Cod. AS400 | Description |
|------|----------|---|--------------|--------------|---|
| 1 | 5 | C1, C4, C7, C13, C10 | 100nF | CMS104MC500 | COND.MULTISTR.100NF 20% 5,08MM 50V |
| 2 | 9 | C2, C3, C5, C6, C8, C9, C11, C12, C15 | 4n7 | CKM472KC600P | COND.CER. 4NF7 P5,08 10% 50V N150 |
| 3 | 1 | C14 | 680 nf 63V | CPE684JC101 | COND. POL. 680NF 5% 5,08MM 100V |
| 4 | 5 | D1, D2, D3, D4, D5 | LED-G5 | LEDV05 | LED COLORE VERDE DIAMETRO 5MM. |
| 5 | 4 | F1, F2, F3, F4 | 10X38 25 A | FUS10X38RP25 | FUSIBILE 10X38MM RAPIDO 25AMP |
| 6 | | | | | |
| 7 | 1 | F5 | 5X20 2 A | FUS5X20RP4 | FUSIBILE 5X20MM RAPIDO 4AMP |
| 8 | 4 | PF1, PF2, PF3, PF4 | PFS10X38PICS | PFS10X38PICS | PORTAFUS. A PINZA DA CS 10X38 (2 X 4PZ) |
| 9 | 1 | PF5 | PFS5X20CS | PFS5X20CS | PORTAFUS. DA C.S. 5X20MM |
| 10 | 5 | R1, R2, R3, R4, R5 | 10K | RSM1/4F0010K | RES. STRATO METALLICO 1/4W 1% 10K |
| 11 | 10 | U1, U2, U3, U4, U5, U6, U7, U8, U9, U10 | PAD | | |
| 12 | 1 | CS1 | CSFUSPJ1KC-2 | CSFUSPJ1KC-2 | CIRC.STAMP.FUSIBILI SEZ.RF PJ1KCOMP |

SLLEDPSTEX1K



| | | | | | |
|------------------|---|------------------------|--|------|----------|
| | | Nome Progetto: TEX1000 | Pagina: 1 | di 1 | Size: A4 |
| Autore: | rev.: J.BERTI - Ufficio Tecnico | Data: 20/01/04 | Codice Progetto: 010 | | |
| Nome PC in Rete: | \\UT_SRV\PROGETTI | Revisione: 1.3 | Nome Parte: Scheda LED PS Layout Component | | |
| File/Cartella: | MANUAL\TEX1000\SLLEDPSTEX1K\ALM_SDC.DWG | Autorizzazione: | Codice: SLLEDPSTEX1K | | |
| Scala: | / | Materiale: | Trattamento: / | | |
| | | | Profilo: / | | |



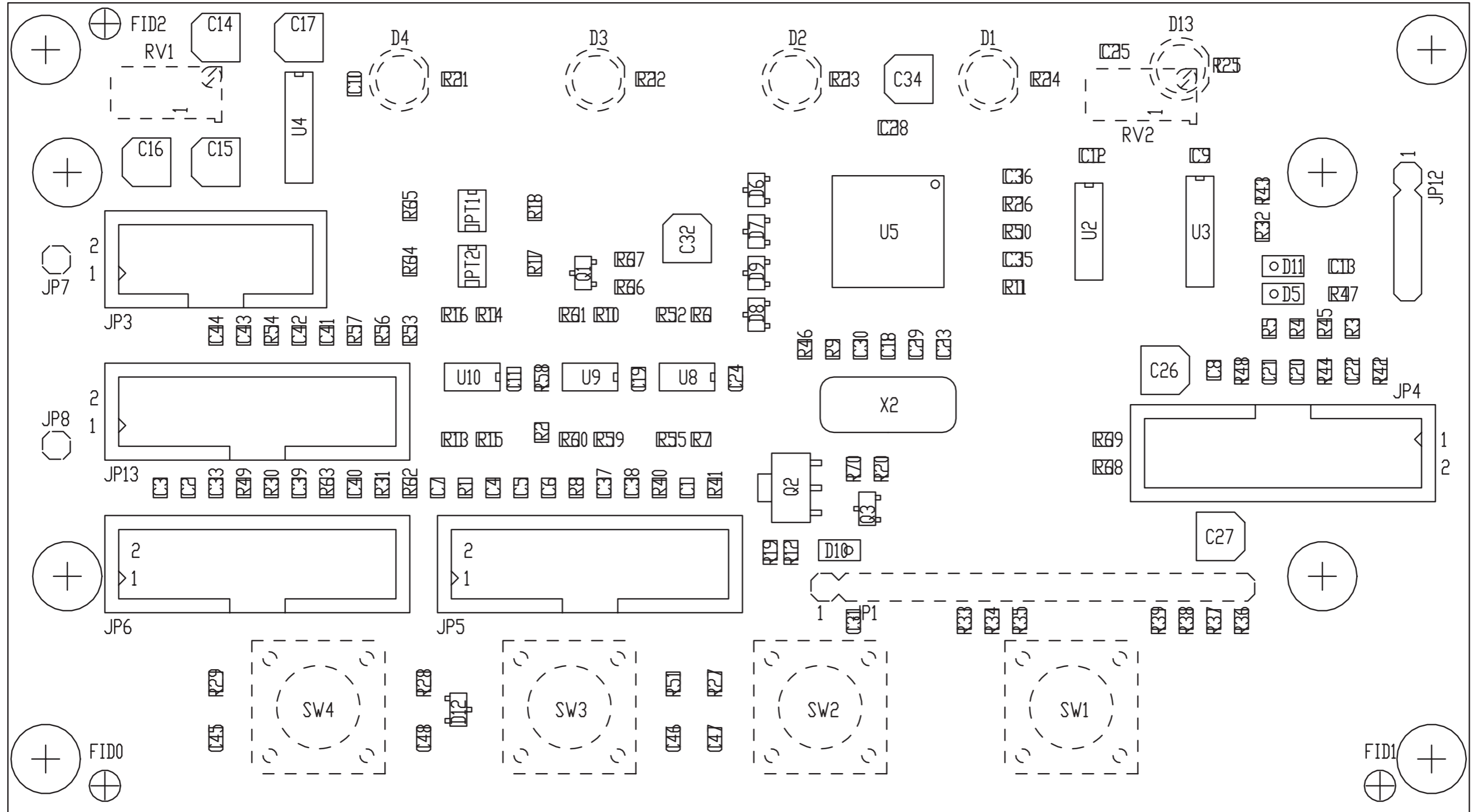
*: Modifies only for PJ1000light, TEX1000light-LCD, TEX500-LCD, TEX300-LCD Models

| | | | | | |
|------------------|---------------------------------|------------------------|---------------------------|------|----------|
| | | Nome Progetto: TEX1000 | Pagina: 1 | di 1 | Size: A4 |
| Autore: | rev.: J.Berti - Ufficio Tecnico | Data: 03/02/04 | Codice Progetto: 010 | | |
| Nome PC in Rete: | \\UT_SRV\PROGETTI | Revisione: 1.4 | Nome Parte: Scheda LED PS | | |
| File/Cartella: | CSLEDPSPJ2K1.DSN | Autorizzazione: | Codice: SLLEDPSTEX1K | | |

SLLEDPSTEX1K

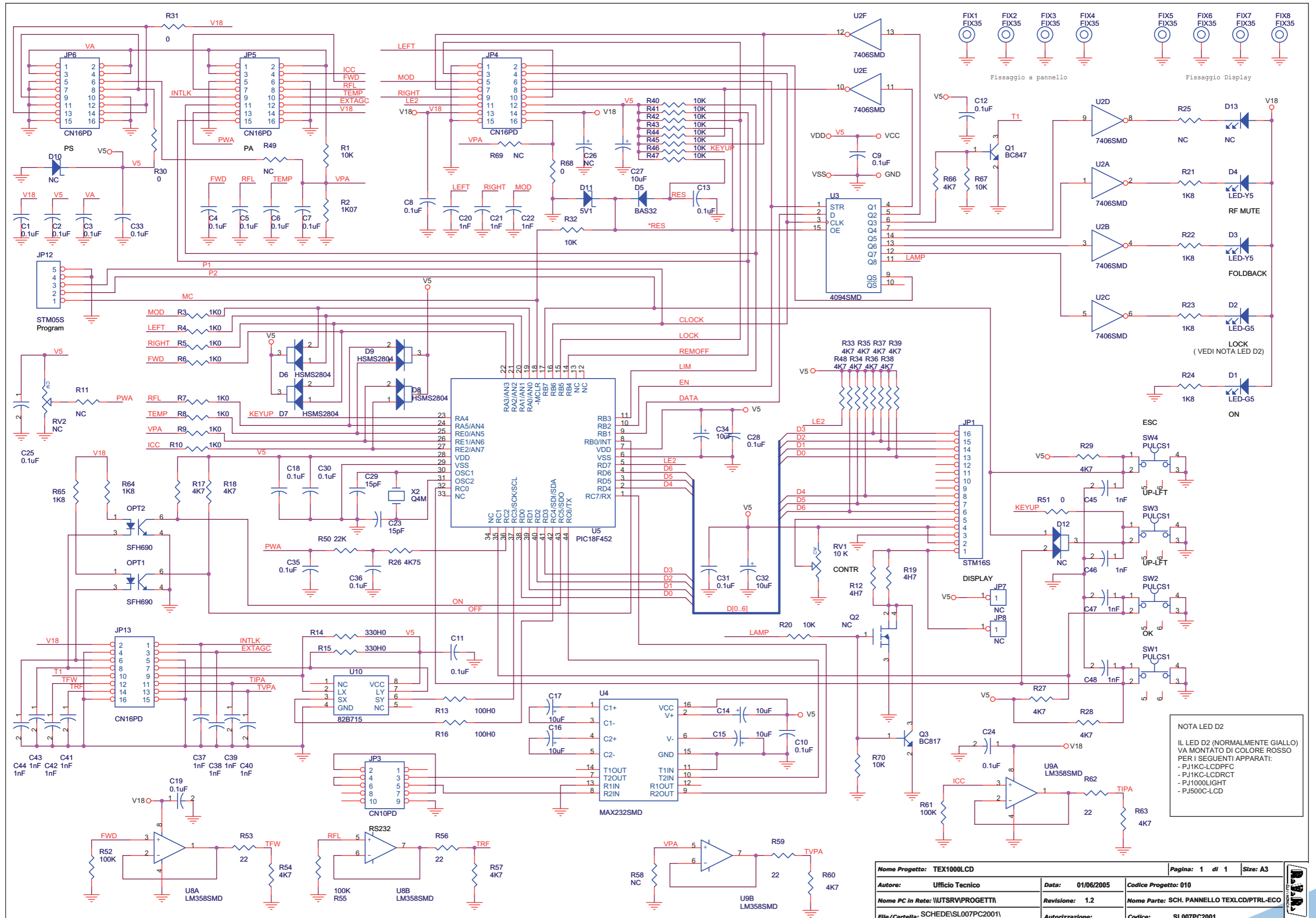
Scheda LED PS Revised: 03/02/2005
 SLLEDPSTEX1K Revision: 1.4
 TEX1000

| 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: TEX1000 | | Pagina: 1 di 1 | | Size: A4 | |
| Autore: Ufficio Tecnico | | Data: 12/05/2005 | | Codice Progetto: 010 | |
| Nome PC in Rete: \\UTSRV\PROGETTI | | Revisione: 1.0 | | Nome Parte: PANEL CARD COMPONENT LAYOUT | |
| File/Cartella: SCHEDE\SL007PC2001\ | | Autorizzazione: | | Codice: SL007PC2001 | |
| Scala: 2:1 | Materiale: / | Trattamento: / | Profilo: / | | |





| | | |
|------------------------------------|------------------|---|
| Nome Progetto: TEX1000LCD | Pagina: 1 di 1 | Size: A3 |
| Autore: Ufficio Tecnico | Data: 01/06/2005 | Codice Progetto: 010 |
| Nome PC in Rete: \UTSRV\PROGETTI | Revisione: 1.2 | Nome Parte: SCH. PANNELLO TEXLCD/PTRL-ECO |
| File/Cartella: SCHEDE\SL007PC2001\ | Autorizzazione: | Codice: SL007PC2001 |

SL123PC2001

SCH. PANNELLO TEXLCD/PTRL-ECO
 SL007PC2001 Revision: 1.2
 DATA: 01/06/2005

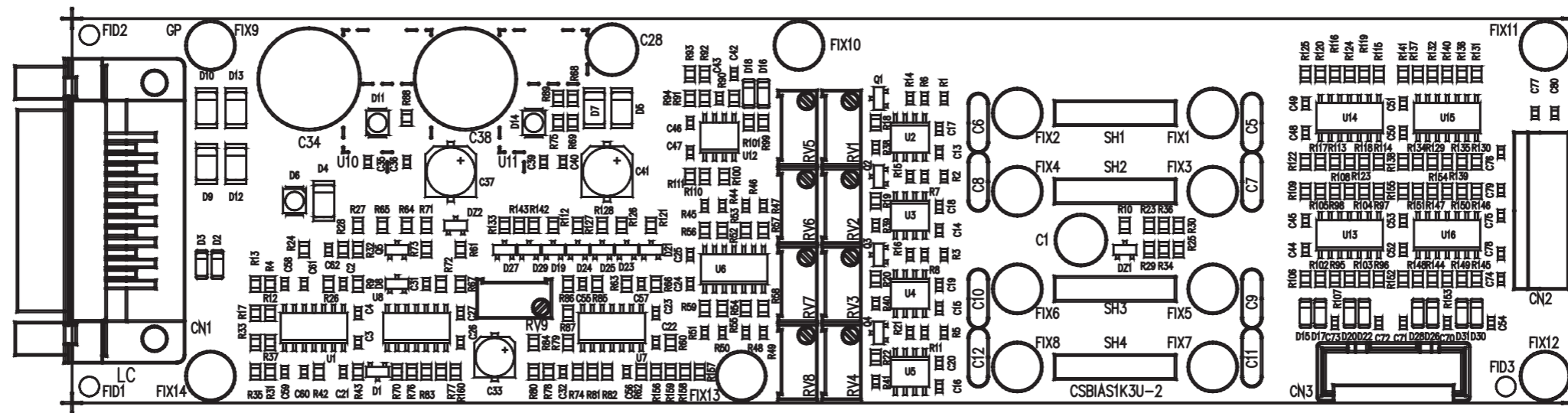
| Item | Q.ty | Reference | Part |
|------|------|--|----------------------|
| 1 | 23 | C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C18, C19, C24, C25, C28, C30, C31, C33, C35, C36 | 0.1uF |
| 2 | 7 | C14, C15, C16, C17, C27, C32, C34 | 10uF |
| 3 | 15 | C20, C21, C22, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48 | 1nF |
| 4 | 2 | C23, C29 | 15pF |
| 5 | 13 | RV2, Q2, JP7, JP8, D10, R11, D12, D13, R25, C26, R38, R49, R69 | NC |
| 6 | 2 | D2, D1 | LED-G5 Nota 1 |
| 7 | 2 | D4, D3 | LED-Y5 Nota 1 |
| 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 Nota 2 |
| 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 Nota 1 |
| 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 | 3 | R52, R55, R61 | 100K |
| 32 | 4 | R53, R56, R59, R62 | 22 |
| 33 | 4 | SW1, SW2, SW3, SW4 | PULCS1 Nota 1 |
| 34 | 1 | U2 | 7406SMD |
| 35 | 1 | U3 | 4094SMD |
| 36 | 1 | U4 | MAX232SMD |
| 37 | 1 | U5 | PIC18F452 |
| 38 | 2 | U9, U8 | LM358SMD |
| 39 | 1 | U10 | 82B715 |
| 40 | 1 | X2 | Q4M |

Nota 1 Montare lato saldature

Nota 2 Montare lato sald. Per collegare il display

NOTA IL LED D2 (NORMALMENTE GIALLO)
LED D2 VA MONTATO DI COLORE ROSSO
 PER I SEGUENTI APPARATI:
 - PJ1KC-LCDPFC
 - PJ1KC-LCDRCT
 - PJ1000LIGHT
 - PJ500C-LCD

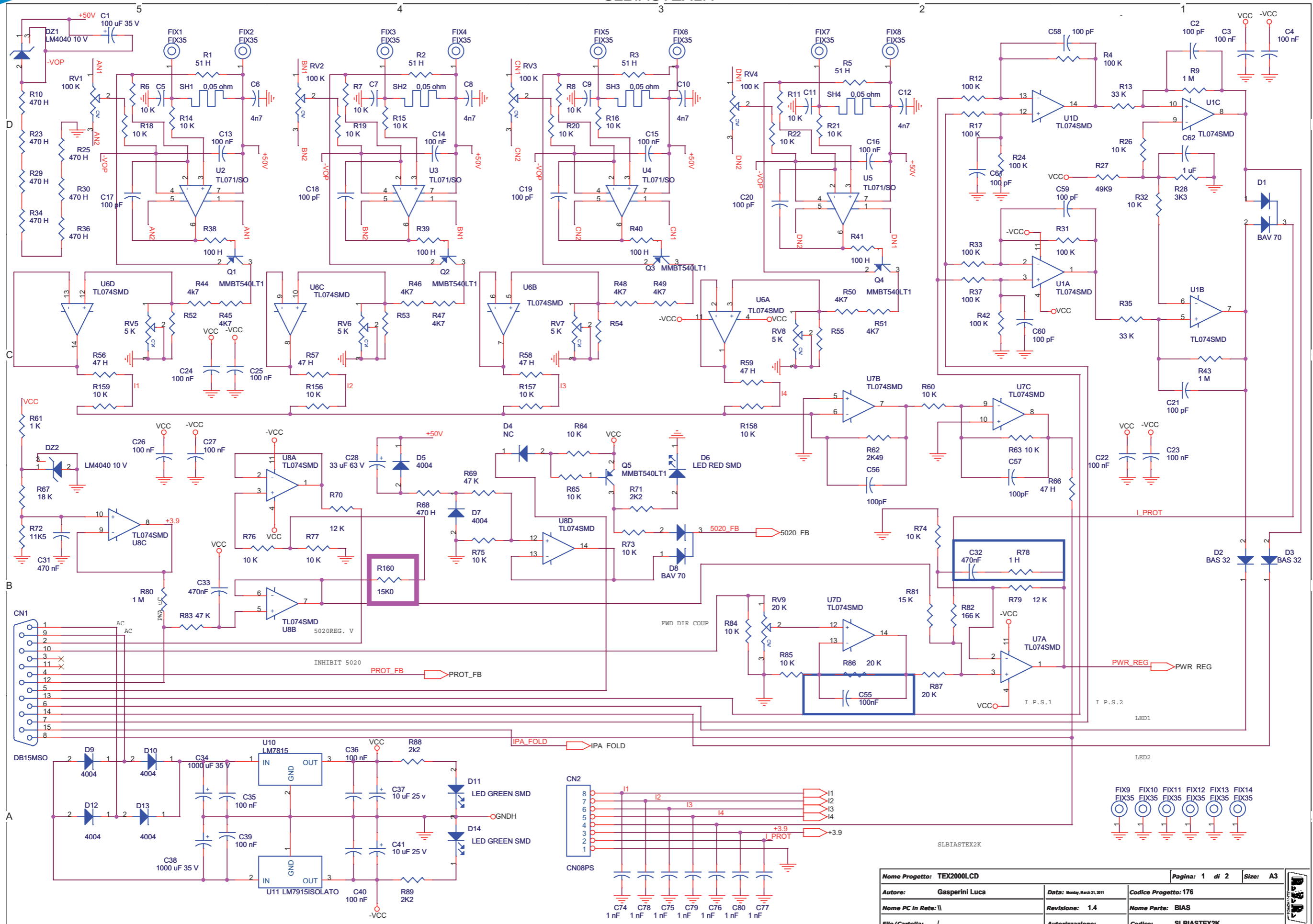
SLBIAS1K3U-2



| | | | | |
|---|-----------------|---|------------|----------|
| Nome Progetto: TEX1000 | | Pagina: 1 di 1 | | Size: A4 |
| Autore: Ufficio Tecnico | Data: 22/01/04 | Codice Progetto: 010 | | |
| Nome PC in Rete: \\UT_SRV\PROGETTI | Revisione: 1.2 | Nome Parte: Scheda Bias TEX1000/PJ1000C | | |
| File/Cartella: \MANUALI\TEX1000\SLBIAS1K3U-2\bias1k3u-2.dwg | Autorizzazione: | Codice: SLBIAS1K3U-2 | | |
| Scala: / | Materiale: / | Trattamento: / | Profilo: / | |

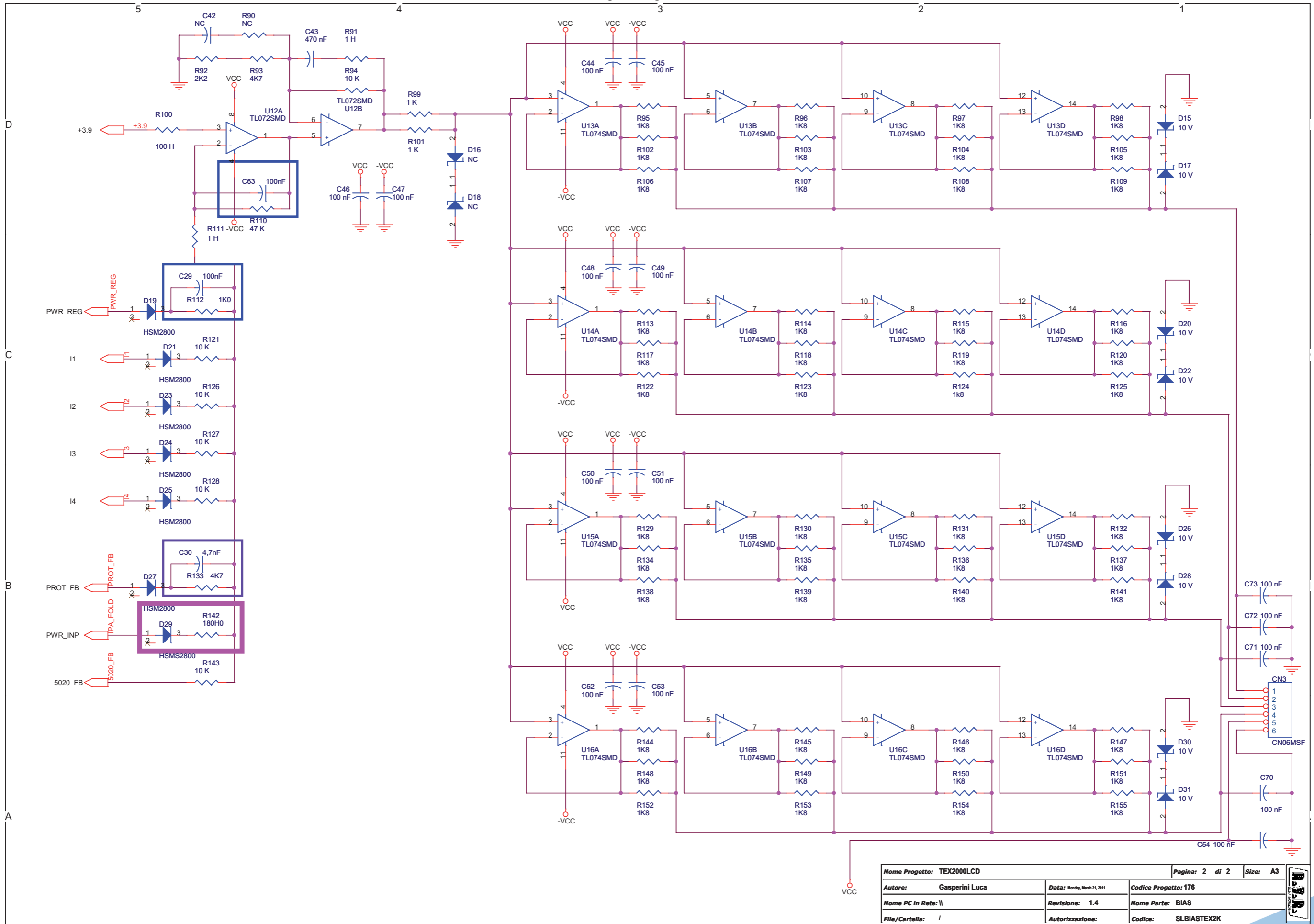


SLBIAS2EX2K



| | | |
|---------------------------|------------------------------|----------------------|
| Nome Progetto: TEX2000LCD | Pagina: 1 di 2 | Size: A3 |
| Autore: Gasperini Luca | Data: Monday, March 21, 2011 | Codice Progetto: 176 |
| Nome PC in Rete: \\ | Revisione: 1.4 | Nome Parte: BIAS |
| File/Cartella: / | Autorizzazione: | Codice: SLBIAS2EX2K |

SLBIASTEX2K



| | | | | |
|---------------------------|------------------------------|----------------------|--|----------|
| Nome Progetto: TEX2000LCD | | Pagina: 2 di 2 | | Size: A3 |
| Autore: Gasperini Luca | Data: Monday, March 21, 2011 | Codice Progetto: 176 | | |
| Nome PC in Rete: \ | Revisione: 1.4 | Nome Parte: BIAS | | |
| File/Cartella: / | Autorizzazione: | Codice: SLBIASTEX2K | | |

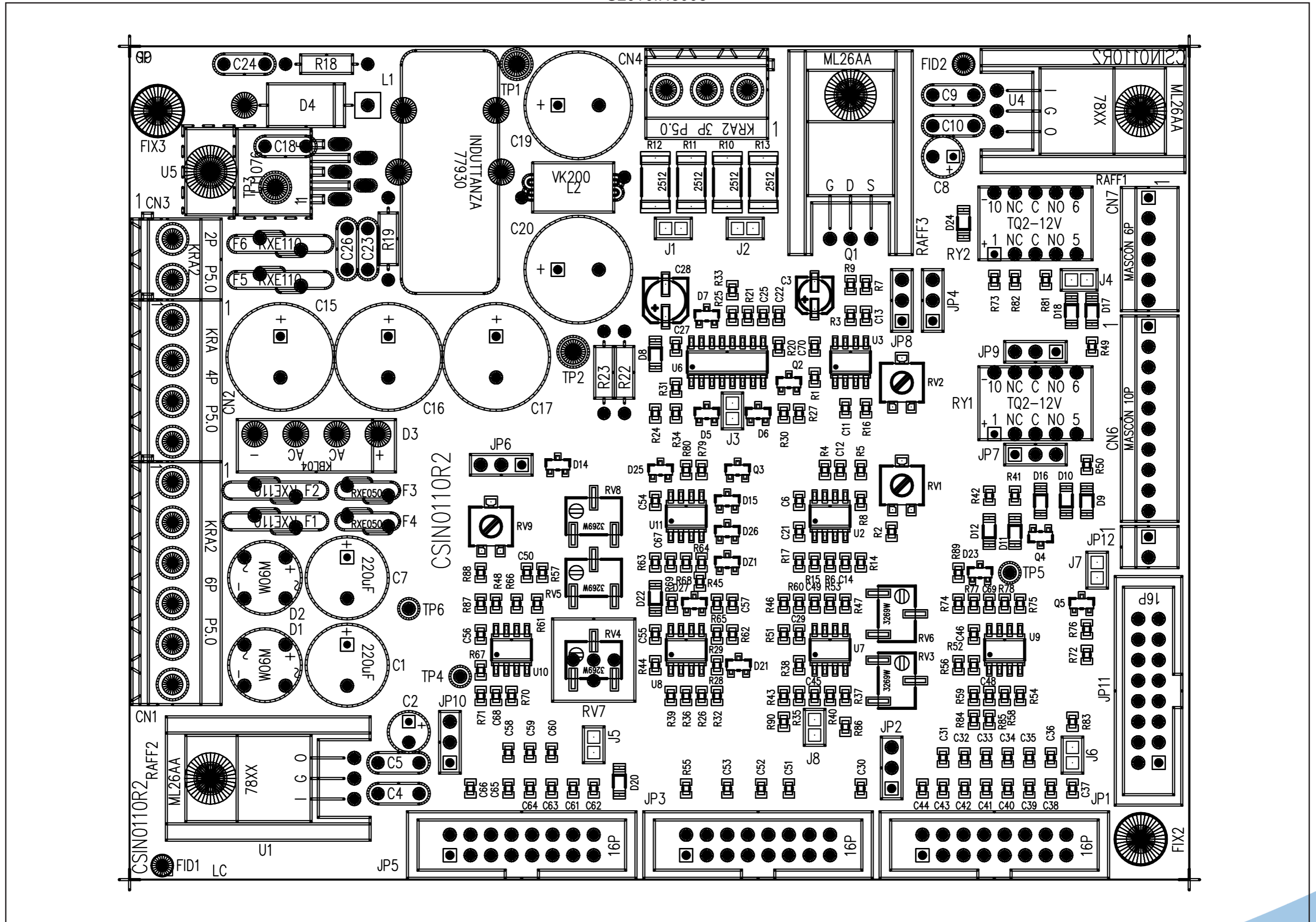
SLBIASTE2K

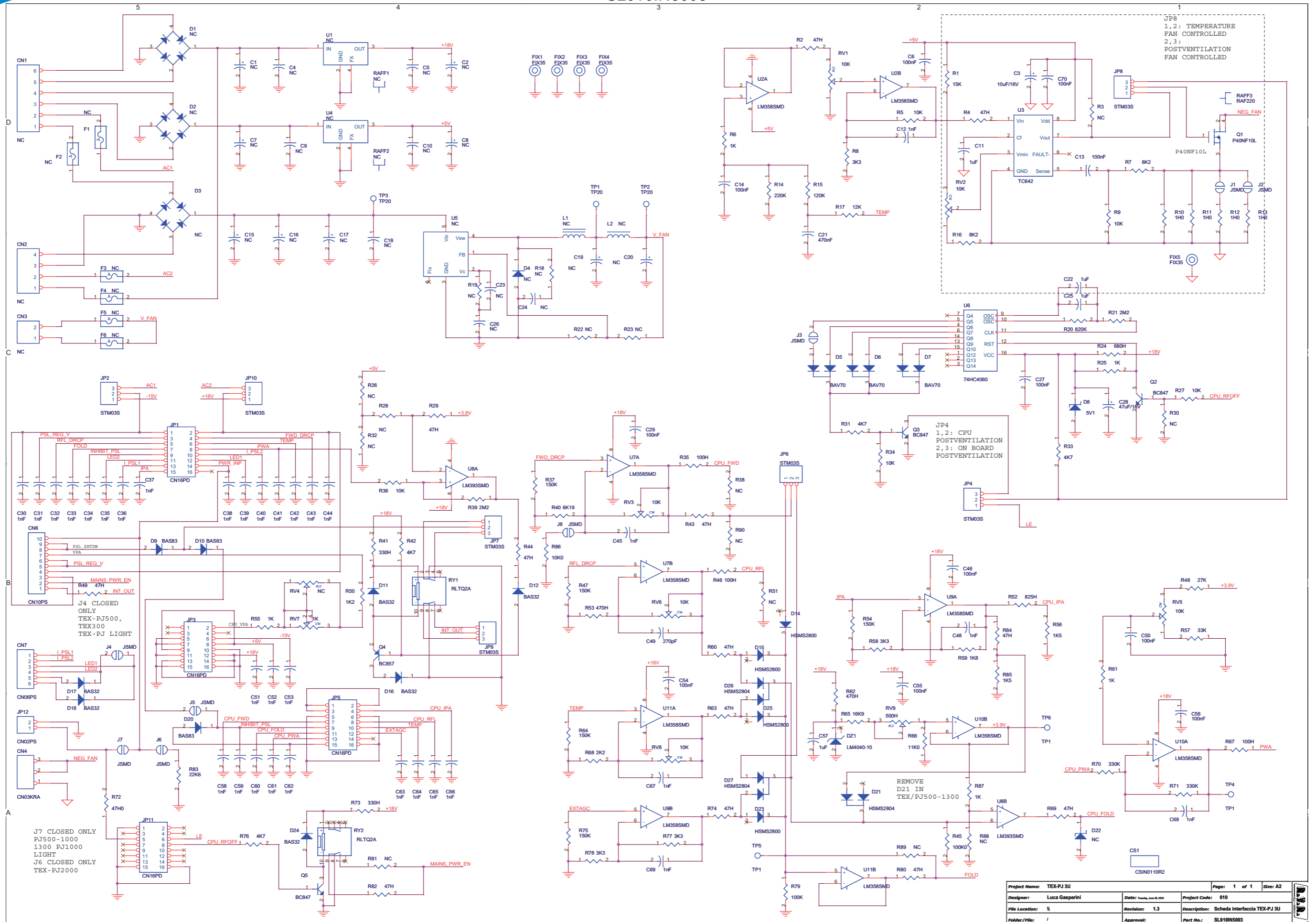
SCHEDA BIAS Revised: 21/03/2011
 SLBIASTE2K Revision: 1.4
 TEX2000LCD

| 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 | 12 | C2, C17, C18, C19, C20, C21, C56, C57, 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, C55, C29 | 100 nF | |
| 7 | 8 | C5, C6, C7, C8, C9, C10, C11, C12, C30 | 4n7 | |
| 8 | 1 | C28 | 33 uF 63 V | |
| 9 | 2 | C31, C43, C32 | 470 nF | |
| 10 | 2 | C37, C41 | 10 uF 25 V | |
| 10A | 1 | C33 | 470nF | |
| 11 | 2 | C34, C38 | 1000 uF 35 V | |
| 12 | 7 | C42, R90, R142, D16, D18, D4 | NC | |
| 13 | 8 | 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 | D5, D7, D9, D10, D12, D13 | 4004 | |
| 19 | 3 | D6 | LED SMD RED 3X2,6 MM | |
| 20 | | D11, D14 | LED SMD GREEN 3X2,6 MM | |
| 21 | 8 | D15, D17, D20, D22, D26, D28, D30, D31 | 10 V | |
| 22 | 6 | D19, D21, D23, D24, D25, D27, D29 | HSM2800 | |
| 23 | 14 | FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, FIX9, FIX10, FIX11, FIX12, FIX13, FIX14 | FIX35 | |
| 24 | 5 | Q1, Q2, Q3, Q4, Q5 | MMBT540LT1 | |
| 25 | 4 | RV1, RV2, RV3, RV4 | 100K | |
| 26 | 4 | RV5, RV6, RV7, RV8 | 5K | |
| 27 | 1 | RV9 | 20K | |
| 28 | 4 | R1, R2, R3, R5 | 51 H | |
| 29 | 8 | R4, R12, R17, R24, R31, R33, R37, R42 | 100 K | |
| 30 | 35 | 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, R143, R156, R157, R158, R159 | 10 K | |
| 31 | 3 | R9, R43, R80 | 1 M | |
| 32 | 8 | R10, R23, R25, R29, R30, R34, R36, R68 | 470 H | |
| 33 | 2 | R35, R13 | 33 K | |
| 34 | 1 | R27 | 49K9 | |
| 35 | 1 | R28 | 3K3 | |
| 36 | 5 | R38, R39, R40, R41, R100 | 100 H | |
| 37 | 14 | R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R93, R133 | 4K7 | |
| 38 | 5 | R56, R57, R58, R59, R66 | 47 H | |
| 39 | 3 | R61, R99, R101, R112 | 1 K | |
| 40 | 1 | R62 | 2K49 | |
| 41 | 1 | R67 | 18 K | |
| 42 | 3 | R69, R83, R110 | 47 K | |
| 43 | 2 | R70, R79 | 12 K | |
| 44 | 5 | R71, R88, R89, R92 | 2K2 | |
| 45 | 1 | R72 | 11K5 | |
| 46 | 3 | R78, R91, R111 | 1 H | |
| 47 | 1 | R81, R160 | 15 K | |
| 48 | 1 | R82 | 165 K | |
| 49 | 2 | R86, R87 | 20 K | |

| Item | Q.ty | Reference | Part | Note |
|------|------|--|---------------|------|
| 50 | 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 | |
| 51 | 1 | R142 | 180 H | |
| 52 | 4 | SH1, SH2, SH3, SH4 | 0,05 ohm | |
| 53 | 8 | U1, U6, U7, U8, U13, U14, U15, U16 | TL074SMD | |
| 54 | 4 | U2, U3, U4, U5 | TL071/SO | |
| 55 | 1 | U10 | LM7815 | |
| 56 | 1 | U11 | LM7912ISOLATO | |
| 57 | 1 | U12 | TL072SMD | |

SL010IN5003





| | | | | | | | |
|----------------|----------------|--------------|------------------------------|---------------|-------------|-------|----|
| Project Name: | TEX-PJ 3U | Date: | 19/10/12 | Page: | 1 of 1 | Size: | A2 |
| Designer: | LUCA Gasparini | Revision: | 1.3 | Project Code: | 010 | | |
| File Location: | \\ | Description: | Scheda Interfaccia TEX-PJ 3U | | | | |
| Folder/File: | / | Approval: | | Part No.: | SL010IN5003 | | |

SL010IN5003

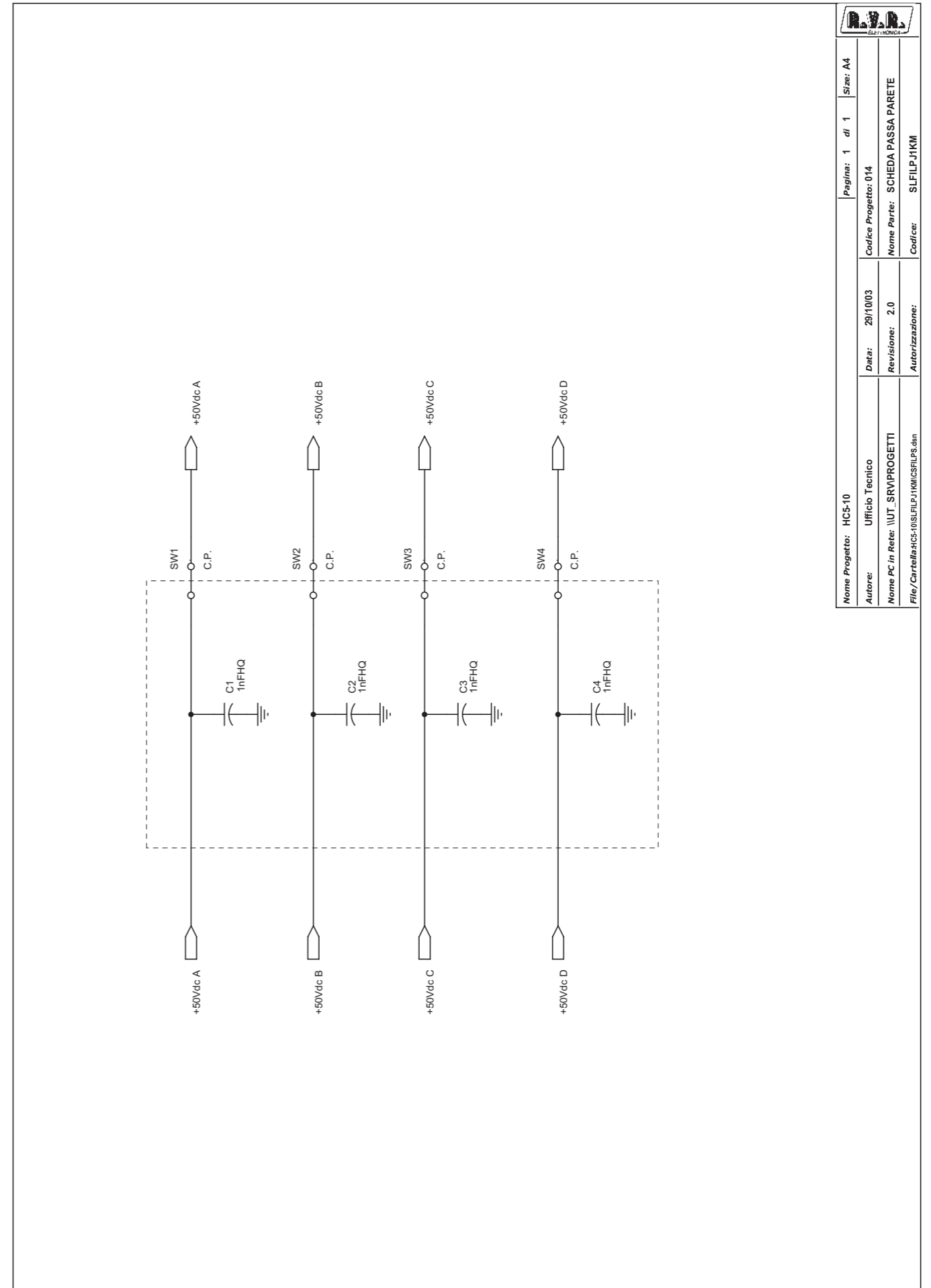
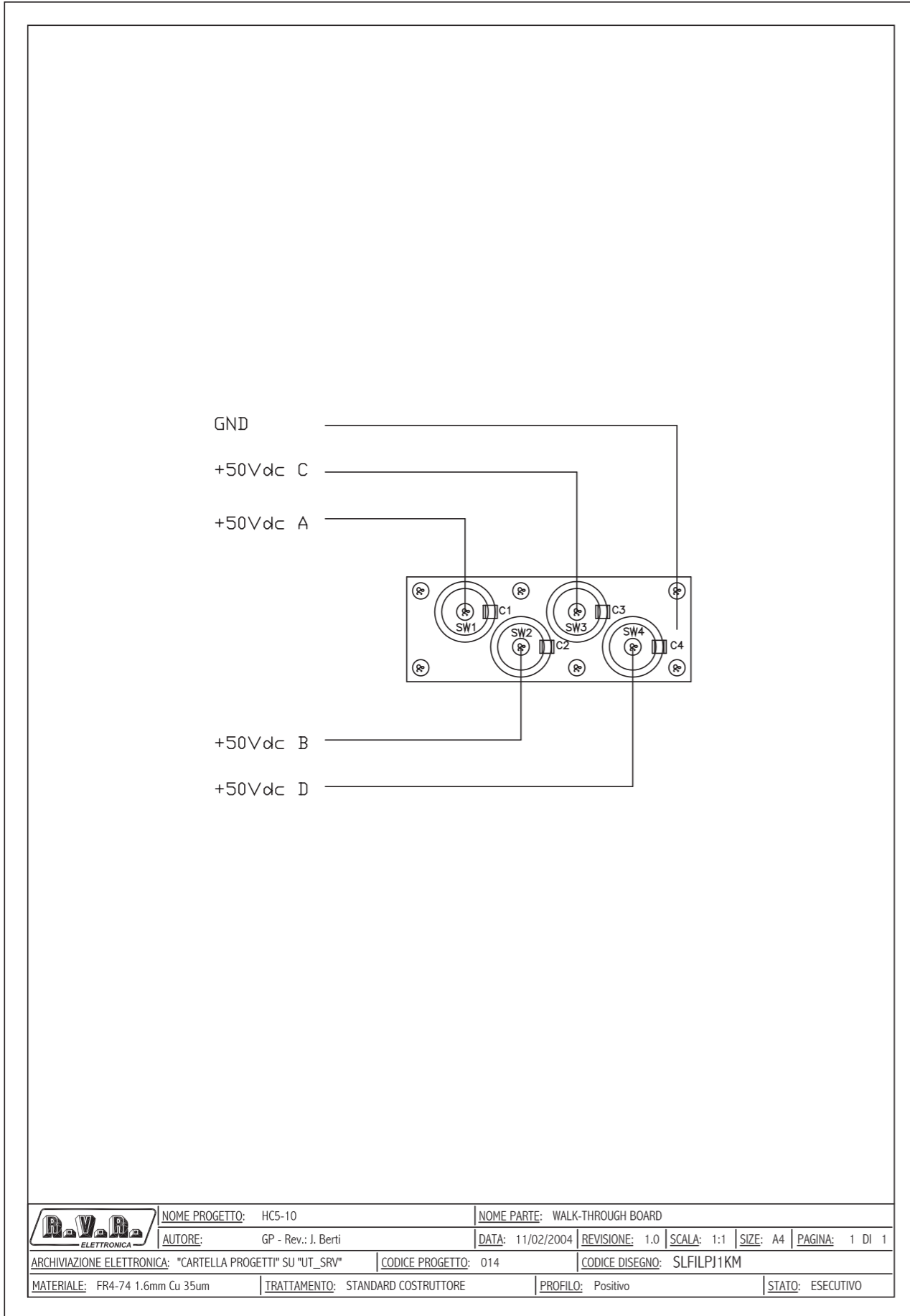
Scheda interfaccia TEX-PJ 3U - SL010IN5003
29/06/2010 Revision: 1.3
TEX2000

Luca Gasperini

| Item | Quantity | Reference | Part | (description) |
|------|----------|---|------------|----------------------------------|
| 1 | 1 | CN1 | NC | Conn. tipo KRA a 6 poli |
| 2 | 1 | CN2 | NC | Conn. tipo KRA a 4 poli |
| 3 | 1 | CN3 | NC | Conn. tipo KRA a 2 poli |
| 4 | 1 | CN4 | CN03KRA | Conn. tipo KRA a 3 poli |
| 5 | 1 | CN6 | CN10PS | Connettore 10 poli Mascon |
| 6 | 1 | CN7 | CN06PS | Connettore 6 poli Mascon |
| 7 | 1 | CS1 | CSIN0110R2 | Circuito stampato |
| 8 | 2 | C1, C7 | NC | Cond. Elettr. Dia 10 P5.08 |
| 9 | 2 | C2, C8 | NC | Cond. Elettr. Dia 5 P2.54 |
| 10 | 1 | C3 | 10uF/16V | Cond. Elett. SMD d. 4mm |
| 11 | 8 | C4, C5, C9, C10, C18, C23, C24, C26 | NC | Cond. ceramico multistrato p 5mm |
| 12 | 11 | C6, C13, C14, C27, C29, C46, C50, C54, C55, C56, C70 | 100nF | Cond. SMD 0805 |
| 13 | 4 | C11, C22, C25, C57 | 1uF | Cond. SMD 0805 |
| 14 | 33 | C12, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C48, C51, C52, C53, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69 | 1nF | Cond. SMD 0805 |
| 15 | 5 | C15, C16, C17, C19, C20 | NC | Cond. Elettr. Dia 13 P5.08 |
| 16 | 1 | C21 | 470nF | Cond. SMD 0805 |
| 17 | 1 | C28 | 47uF/16V | Cond. Elett. SMD d. 5mm |
| 18 | 1 | C49 | 270pF | Cond. SMD 0805 |
| 19 | 1 | DZ1 | LM4040-10 | Diodi Zener SMD SOT23 |
| 20 | 2 | D1, D2 | NC | Ponte diodi tondi W |
| 21 | 1 | D3 | NC | Ponte diodi KBL/KBU |
| 22 | 1 | D4 | NC | Diode plastico P600 |
| 23 | 3 | D5, D6, D7 | BAV70 | Doppio Diode SMD SOT23 |
| 24 | 1 | D8 | 5V1 | MINIMELF SMD Zener Diode |
| 25 | 3 | D9, D10, D20 | BAS83 | MINIMELF SMD Diode |
| 26 | 6 | D11, D12, D16, D17, D18, D24 | BAS32 | MINIMELF SMD Diode |
| 27 | 4 | D14, D15, D23, D25 | HSMS2800 | Diode SMD SOT23 |
| 28 | 3 | D21, D26, D27 | HSMS2804 | Doppio Diode SMD SOT23 |
| 29 | 1 | D22 | NC | MINIMELF SMD Zener Diode |
| 30 | 5 | FIX1, FIX2, FIX3, FIX4, FIX5 | FIX35 | Foro fissaggio 3.5mm |
| 31 | 1 | F1 | NC | Fusibile autorip. 13mm |
| 32 | 5 | F2, F3, F4, F5, F6 | NC | Fusibile autorip. 7mm |
| 33 | 4 | JP1, JP3, JP5, JP11 | CN16PD | Conn.M.C.S.Dritto 16P alette |
| 34 | 7 | JP2, JP4, JP6, JP7, JP8, JP9, JP10 | STM03S | Strip maschio 3 pin |
| 35 | 1 | JP12 | CN02PS | Connettore 2 poli Mascon |
| 36 | 8 | J1, J2, J3, J4, J5, J6, J7, J8 | J5MD | Pad SMD a saldare |
| 37 | 1 | L1 | NC | Induttanza toroidale |
| 38 | 1 | L2 | NC | Induttanza cilindrica VK200 |
| 39 | 1 | Q1 | P40NF10L | Trans. FET N TO220 |
| 40 | 3 | Q2, Q3, Q5 | BC847 | Trans. NPN SOT23 |
| 41 | 1 | Q4 | BC857 | Trans. PNP SOT23 |
| 42 | 2 | RAFF1, RAFF2 | NC | Dissipatore TO220 |
| 43 | 1 | RAFF3 | RAF220 | Dissipatore TO220 |
| 44 | 2 | RV1, RV2 | 10K | Trimmer SMD |
| 45 | 4 | RV3, RV5, RV6, RV8 | 10K | Trimm. multi SMD 3269 |
| 46 | 1 | RV4 | NC | Trimm. multi SMD 3269 |
| 47 | 1 | RV7 | 1K | Trimmer Rg V 3386P |
| 48 | 1 | RV9 | 500H | Trimmer SMD |
| 49 | 2 | RY1, RY2 | RLTQ2A | Relè' TQ2 |
| 50 | 1 | R1 | 15K | Res. SMD 0805 |
| 51 | 13 | R2, R4, R29, R43, R44, R49, R60, R63, R69, R74, R80, R82, R84 | 47H | Res. SMD 0805 |
| 52 | 11 | R3, R26, R28, R30, R32, R38, R51, R81, R88, R89, R90 | NC | Res. SMD 0805 |
| 53 | 6 | R5, R9, R27, R34, R36, R86 | 10K | Res. SMD 0805 |
| 54 | 5 | R6, R25, R55, R61, R87 | 1K | Res. SMD 0805 |
| 55 | 2 | R16, R7 | 8K2 | Res. SMD 0805 |
| 56 | 4 | R8, R58, R77, R78 | 3K3 | Res. SMD 0805 |
| 57 | 4 | R10, R11, R12, R13 | 1H0 | Res. SMD 2512 1% |
| 58 | 1 | R14 | 220K | Res. SMD 0805 |
| 59 | 1 | R15 | 120K | Res. SMD 0805 |
| 60 | 1 | R17 | 12K | Res. SMD 0805 |
| 61 | 4 | R18, R19, R22, R23 | NC | Res. 1/4W |
| 62 | 1 | R20 | 820K | Res. SMD 0805 |
| 63 | 2 | R39, R21 | 2M2 | Res. SMD 0805 |
| 64 | 1 | R24 | 680H | Res. SMD 0805 |
| 65 | 4 | R31, R33, R42, R76 | 4K7 | Res. SMD 0805 |
| 66 | 3 | R35, R46, R67 | 100H | Res. SMD 0805 |
| 67 | 5 | R37, R47, R54, R64, R75 | 150K | Res. SMD 0805 |

| Item | Quantity | Reference | Part | (description) |
|------|----------|---------------------------------------|----------|-------------------------------|
| 68 | 1 | R40 | 6K19 | Res. SMD 0805 |
| 69 | 2 | R73, R41 | 330H | Res. SMD 0805 |
| 70 | 1 | R48 | 27K | Res. SMD 0805 |
| 71 | 1 | R50 | 1K2 | Res. SMD 0805 |
| 72 | 1 | R52 | 825H | Res. SMD 0805 |
| 73 | 2 | R53, R62 | 470H | Res. SMD 0805 |
| 74 | 2 | R56, R85 | 1K5 | Res. SMD 0805 |
| 75 | 1 | R57 | 33K | Res. SMD 0805 |
| 76 | 1 | R59 | 1K8 | Res. SMD 0805 |
| 77 | 1 | R65 | 16K9 | Res. SMD 0805 |
| 78 | 1 | R66 | 11K0 | Res. SMD 0805 |
| 79 | 1 | R68 | 2K2 | Res. SMD 0805 |
| 80 | 2 | R70, R71 | 330K | Res. SMD 0805 |
| 81 | 1 | R72 | 47H0 | Res. SMD 0805 |
| 82 | 2 | R79, R45 | 100K | Res. SMD 0805 |
| 83 | 1 | R83 | 22K6 | Res. SMD 0805 |
| 84 | 3 | TP1, TP2, TP3 | TP20 | Foro dia. 2mm |
| 85 | 3 | TP4, TP5, TP6 | TP1 | Test point |
| 86 | 2 | U1, U4 | NC | Stabilizzatore TO220F Isolato |
| 87 | 5 | U2, U7, U9, U10, U11 | LM358SMD | Dual Op. SMD SO8 |
| 88 | 1 | U3 | NC | Fan controller SO8 |
| 89 | 1 | U5 | NC | Regolatore switching |
| 90 | 1 | U6 | 74HC4060 | Divider SMD SO16 |
| 91 | 1 | U8 | LM393SMD | Dual Op. SMD SO8 |
| 92 | 7 | Ponticello per connettore strip da CS | JUMPER | JUMPER |

SLFILPJ1KM



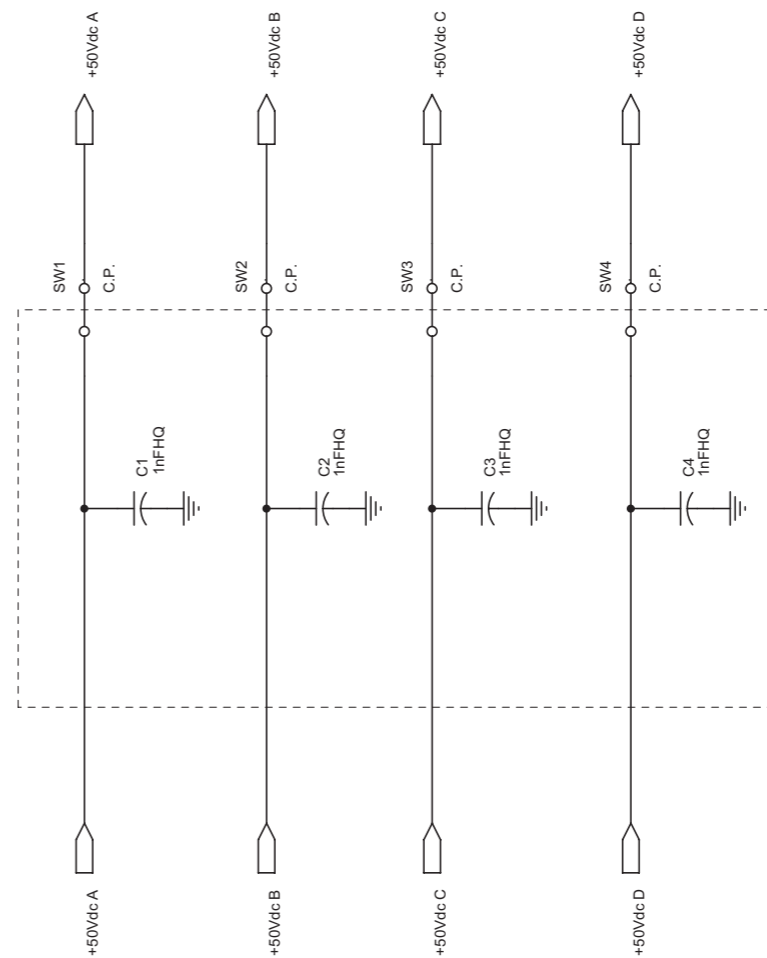
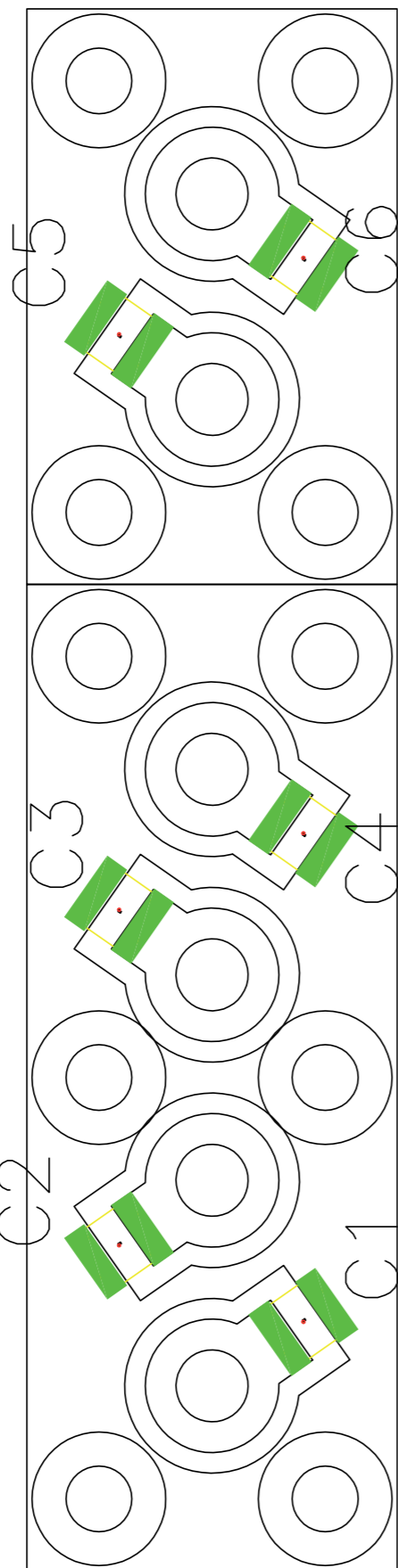
SLFILPJ1KM

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. |

SL176FI1001

SL176FI1001



| | | | |
|--|-----------------|---------------------------------|----------|
| Nome Progetto: HC5-10 | Pagina: 1 | di 1 | Size: A4 |
| Autore: Ufficio Tecnico | Data: 29/10/03 | Codice Progetto: 014 | |
| Nome PC in Rete: \UT_SRVPROGETTI | Revisione: 2.0 | Nome Parte: SCHEDA PASSA PARETE | |
| File/Cartella/HC5-10/SL176FI1001/KKCSFILP5.dsn | Autorizzazioni: | Codice: SL176FI1001 | |

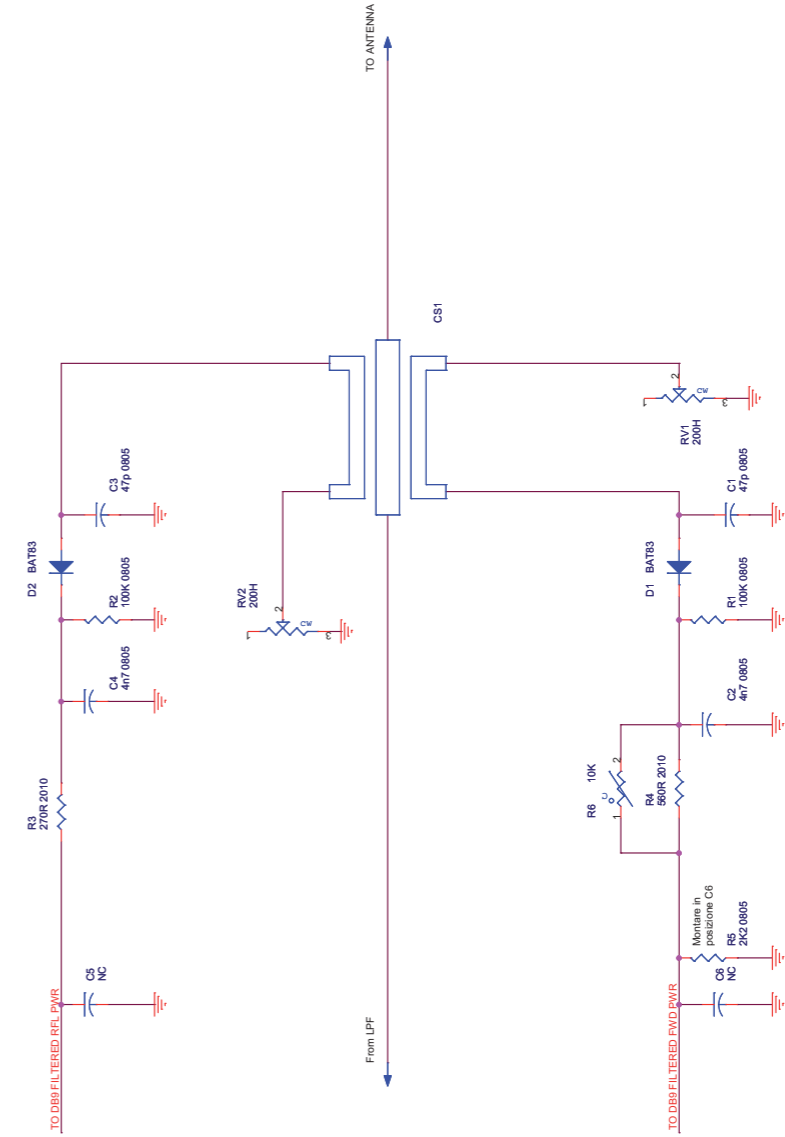
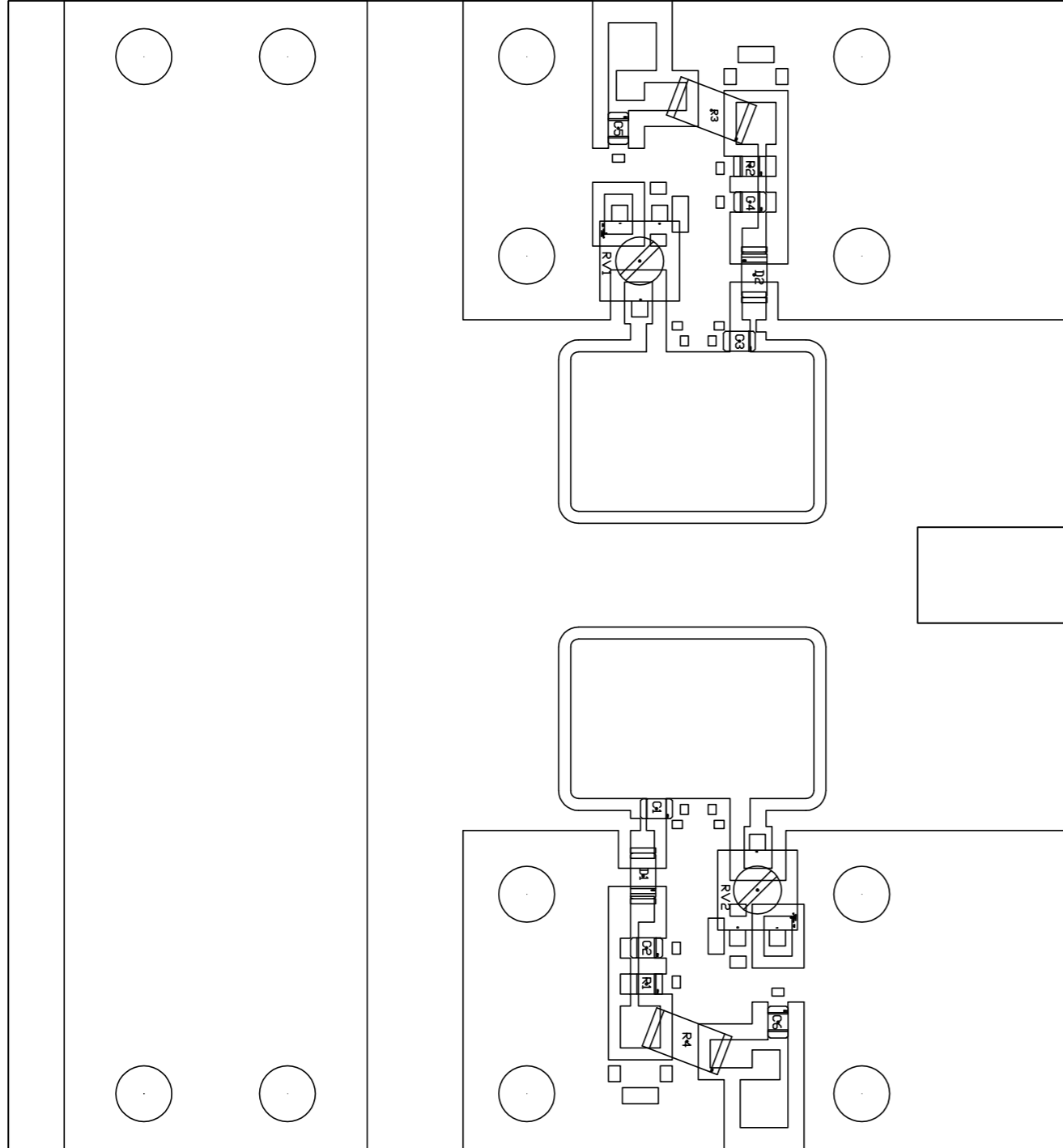
SL176FI1001

Passaparete Revised: Tuesday, June 10, 2008
 SL176FI1001 Revision:
 TEX2000
 176

Luca Gasperini

| Item | Quantity | Reference | Part | CODICE AS400 |
|------|----------|---|----------------------------|--------------|
| 1 | 1 | CS1 | CSPAS Circuito stampato | CSPAS1 |
| 2 | 6 | C1, C2, C3, C4, C5, C6 | 470pF Cond. SMD 1212 HQ | CHQ471JA501 |
| 3 | 16 | FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, FIX9, FIX10, FIX11, FIX12, FIX13, FIX14, FIX15, FIX16 | FIX35 Foro fissaggio 3.5mm | |

SLDCLPFPJ2K5



CSDCLPFPJ1KM

| | | | | | | | |
|------------------|-----------------|------------|------------|------------------|--------------------------------|------------|--------------------------------|
| Nome Progettista | GREEN LINE | Page: | 1 | di | 1 | Scale: | A3 |
| Autore: | Uffizio Tecnico | Data: | 07/11/2012 | Colore Progetto: | 237 | Nome File: | Directional Coupler GREEN LINE |
| Nome PC in Area: | UNRUT/Blaschi | Revisione: | 1.2 | Nome File: | Directional Coupler GREEN LINE | Conf: | SLDCLPFPJ2K5 |
| Rev/Controll: | | Autore: | | Conf: | | | |

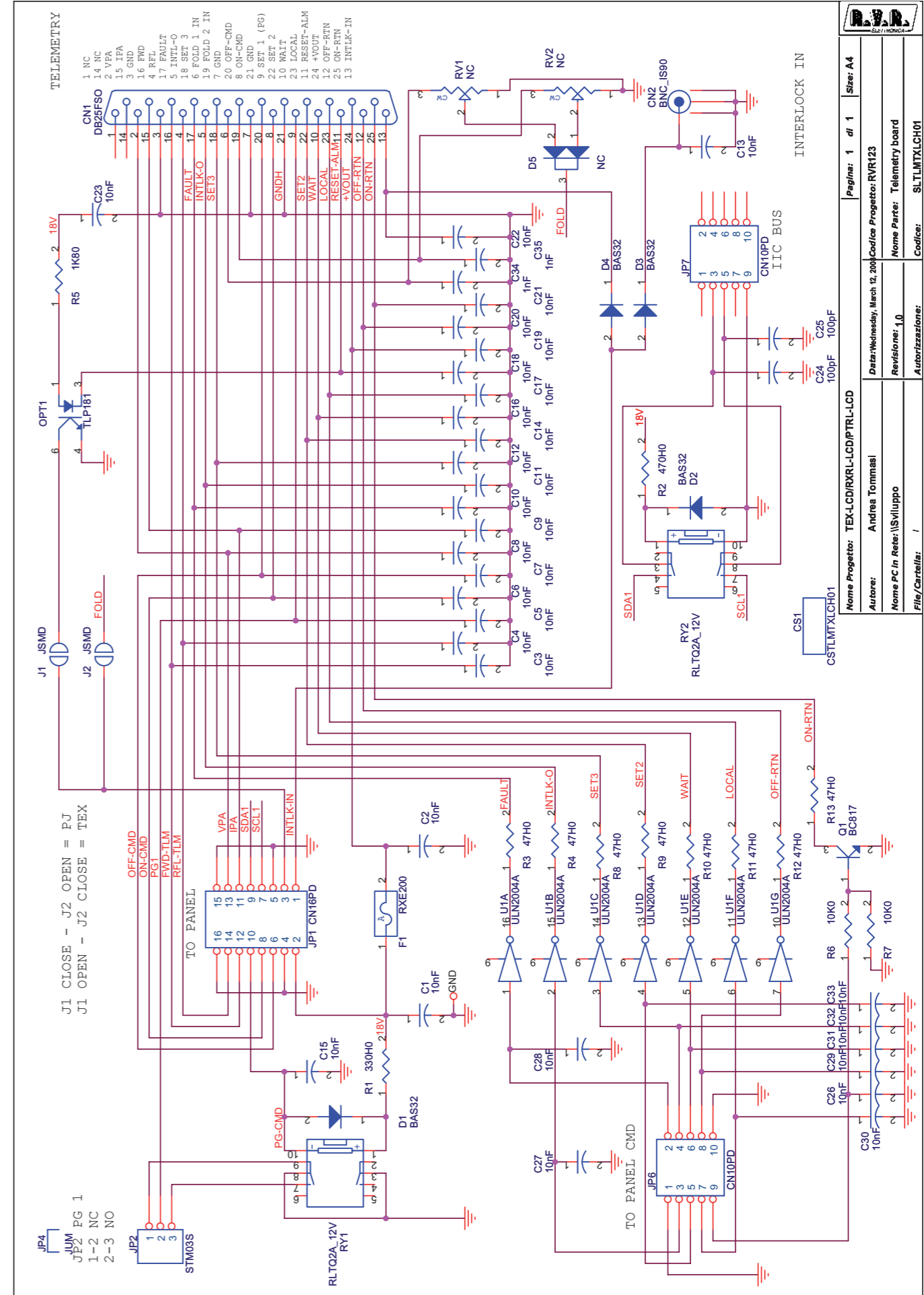
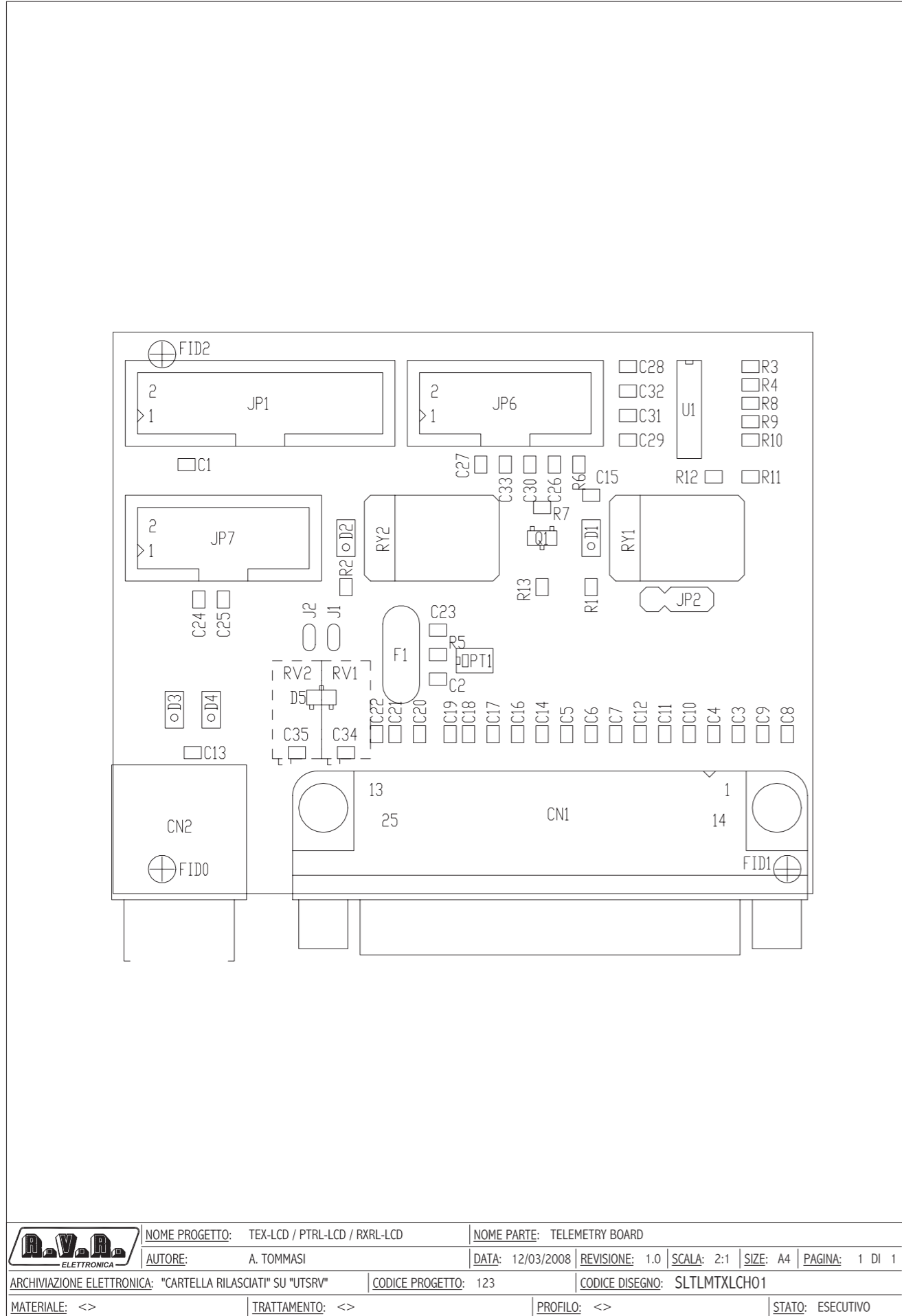
SLDCLPFPJ2K5

DIRECTIONAL COUPLER
SLDCLPFPJ2K5
Revision: 1.2 07/11/2012

| Item | Q.ty | Reference | Part | Note |
|------|------|-----------|--------------|--|
| 1 | 1 | CS1 | CSDCLPFPJ1KM | |
| 2 | 1 | C3,C1 | 47p 0805 | |
| 3 | 2 | C4,C2 | 4n7 0805 | |
| 4 | 2 | C5,C6 | NC | |
| 5 | 2 | D2,D1 | BAT83 | TRADIZIONALE MONTATO ALTO 3 mm |
| 6 | 2 | RV2,RV1 | 200R SMD | |
| 7 | 1 | R2,R1 | 100K 0805 | |
| 8 | 1 | R3 | 270R 2010 | |
| 9 | 1 | R5 | 2K2 0805 | MONTARE IN POSIZIONE C6 |
| 10 | 1 | R4 | 560R 2010 | Montiamo case 2512 per problemi acquisti |
| 11 | 1 | R6 | 10K NTC 0805 | MONTARE SOPRA R4 |

NOTE1

NOTE1 Vedi "Istruzioni di Montaggio Rev.1.2.doc"



| | | |
|--|---------------------------------|-----------------------------|
| Nome Progetto: TEX-LCD/RXRL-LCD/PTRL-LCD | Pagina: 1 di 1 | Size: A4 |
| Autore: Andrea Tommasi | Data: Wednesday, March 12, 2008 | Codice Progetto: RVR123 |
| Nome PC In Rete: \Sivilluppo | Revisione: 1.0 | Nome Parte: Telemetry board |
| File/Cartella: / | Autore: / | Codice: SLTLMTXLCH01 |

SLTLMTXLCH01

Telemetry board Revised: March, June 12, 2008
 SLTLMTXLCH01 Revision: 1.0
 TEX-LCD/RXRL-LCD/PTRL-LCD
 RVR123
 Andrea Tommasi

| Item | Quantity | Reference | Part | Description |
|------|----------|--|--------------|------------------------------|
| 1 | 1 | CN1 | DB25FSO | Connettore DB25 femm. cs 90° |
| 2 | 1 | CN2 | BNC_IS90 | Connettore BNC metallico 90° |
| 3 | 1 | CS1 | CSTLMTXLCH01 | Circuito stampato |
| 4 | 31 | C1,C2,C3,C4,C5,C6,C7,C8, C9,C10,C11,C12,C13,C14, C15,C16,C17,C18,C19,C20, C21,C22,C23,C26,C27,C28, C29,C30,C31,C32,C33 | 10nF | Cond. SMD 0805 |
| 5 | 2 | C24,C25 | 100pF | Cond. SMD 0805 |
| 6 | 2 | C34,C35 | 1nF | Cond. SMD 0805 |
| 7 | 4 | D1,D2,D3,D4 | BAS32 | MINIMELF SMD Diode |
| 8 | 1 | D5 | NC | Doppio Diodo SMD SOT23 |
| 9 | 1 | F1 | RXE200 | Fusibile autorip. 7mm |
| 10 | 1 | JP1 | CN16PD | Connettore 16 poli Flat cs |
| 11 | 1 | JP2 | STM03S | Strip maschio 3 pin |
| 12 | 1 | JP4 | JUM | Ponticello Jumper |
| 13 | 2 | JP6,JP7 | CN10PD | Connettore 10 poli Flat cs |
| 14 | 2 | J1,J2 | JSMD | Pad SMD a saldare |
| 15 | 1 | OPT1 | TLP181 | Optoisolatore SMD SO6 |
| 16 | 1 | Q1 | BC817 | Trans. NPN SOT23 |
| 17 | 2 | RV1,RV2 | NC | Trimmer Rg H 3296X |
| 18 | 2 | RY1,RY2 | RLTQ2A_12V | Rele' TQ2 |
| 19 | 1 | R1 | 330H0 | Res. SMD 0805 1% |
| 20 | 1 | R2 | 470H0 | Res. SMD 0805 1% |
| 21 | 8 | R3,R4,R8,R9,R10,R11,R12, R13 | 47H0 | Res. SMD 0805 1% |
| 22 | 1 | R5 | 1K80 | Res. SMD 0805 1% |
| 23 | 2 | R6,R7 | 10K0 | Res. SMD 0805 1% |
| 24 | 1 | U1 | ULN2004A | Seven Inv. Buffer OC |