



# PJ3500LCD

## TECHNICAL ANNEX VOLUME 2



R.V.R. Elettronica S.r.l.  
Via del Fonditore 2 / 2c  
40138 · Bologna · Italy  
Phone: +39 051 6010506 · Fax: +39 051 6011104  
e-mail: info@rvr.it · web: http://www.rvr.it

Member of CISQ Federation



CERTIFIED MANAGEMENT SYSTEM  
ISO 9001



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Manufactured by R.V.R. ELETTRONICA Italy



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

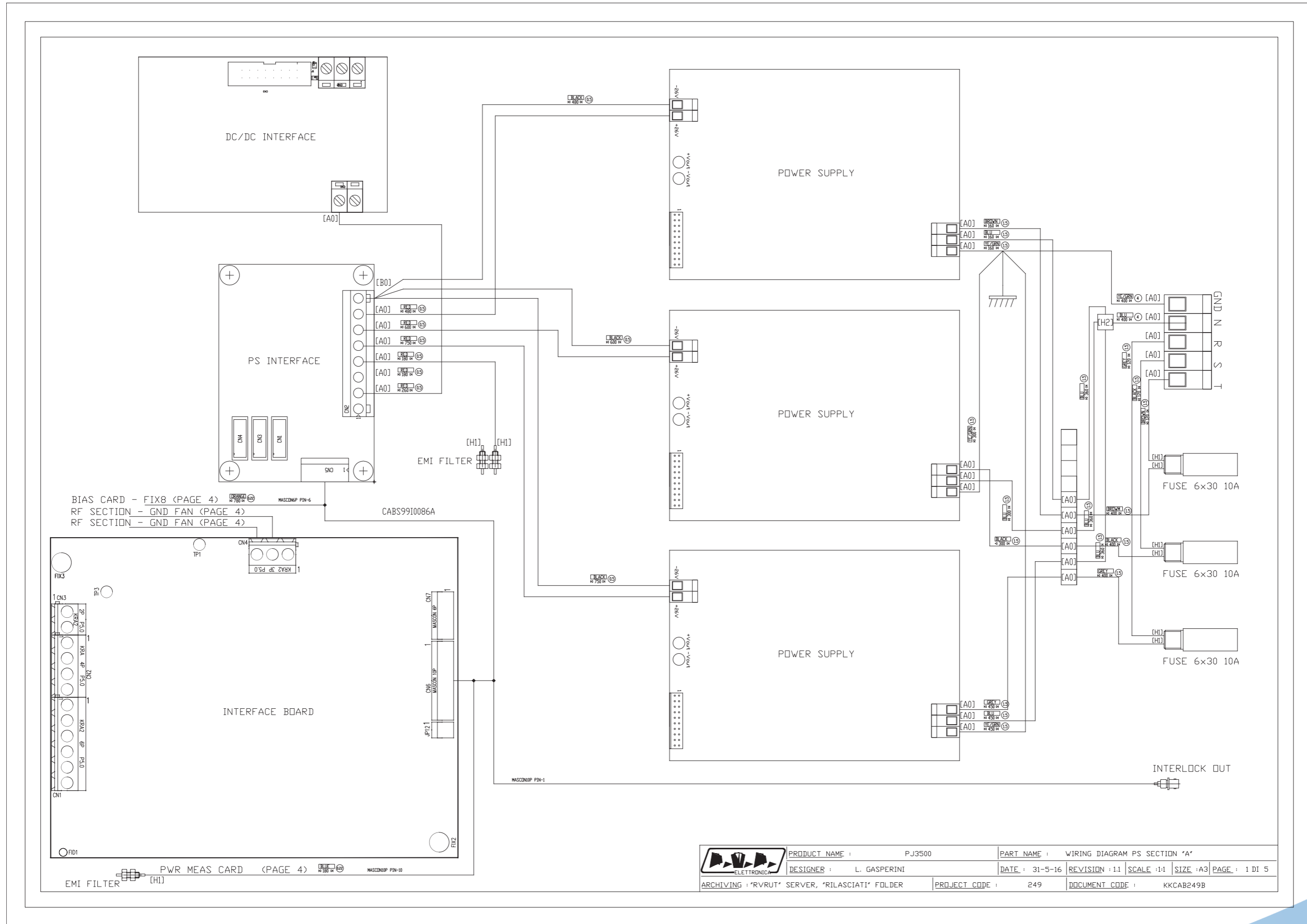
Questa parte del manuale contiene i dettagli tecnici riguardanti la costruzione delle singole schede componenti il PJ3500LCD. L'appendice è composta dalle seguenti sezioni:

*This part of the manual contains the technical details about the different Cards of the PJ3500LCD. This appendix is composed of the following sections:*

Description	RVR Code	Vers.	Page
Wiring Diagram	PJ3500LCD Version	1.1	1
PWR Input Measure Card	SLMPIPPJ1KC	1.7	6
Interface Card	SL010IN5003	1.8	8
Splitter Card	SL176SP1001	1.0	11
R.F. Card	SL245RF1001	1.1	13
Combiner Card	SLCM0466R01V01	1.0	16
LPF Card	SL249LP1001	1.1	18
Power Supply Interface Card	SLIN0440R01V01	1.1	21
Power Supply	PSL4248	1.0	23
Fuse Card	SL176FU1001	1.1	24
Panel Card	SLPC0436R01V04	1.1	26
BIAS Card	SLBI0439R01V01	1.1	29
PS Interface Card	SLIN0363R02V02	1.0	32
Pass Through Card	SLFIPAS4R01V01	1.0	35
DB15 Flat Filter Card	SLDB15FFILF2A	1.0	37
Directional Coupler Card	SLDC0375R01V01	1.2	39
Telemetry Card	SLTLMTXLCH01	1.0	41
COM-BUS Interface Card	SLIN0380R01V01	1.0	43
Shunt Card	SLBI0481R01V01	1.0	45

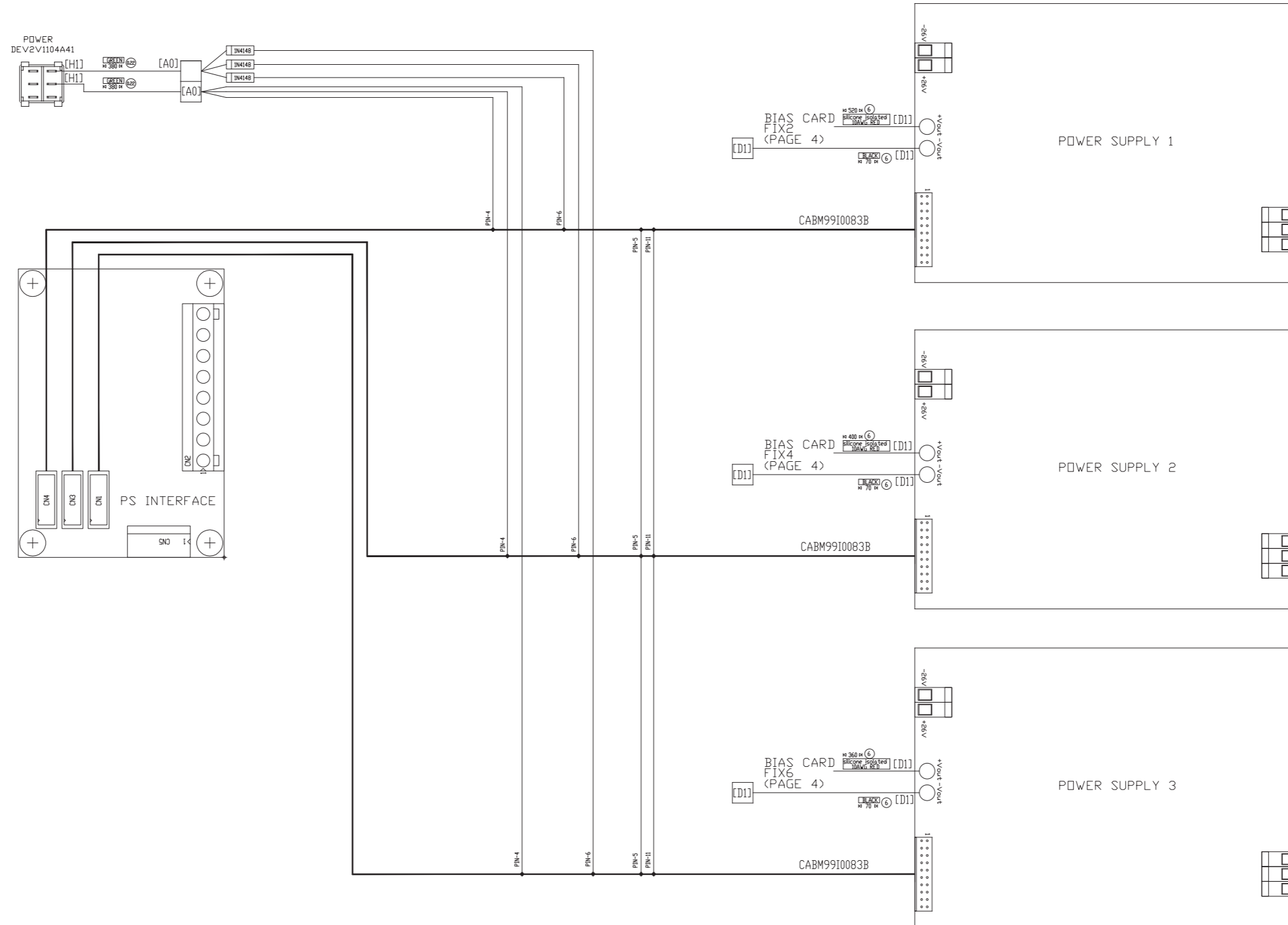
### Document History

Date	Version	Reason	Code	Editor
04/11/2016	1.0	First Release	/	J.H. Berti
08/04/2021	1.1	Major Updates	/	J.H. Berti

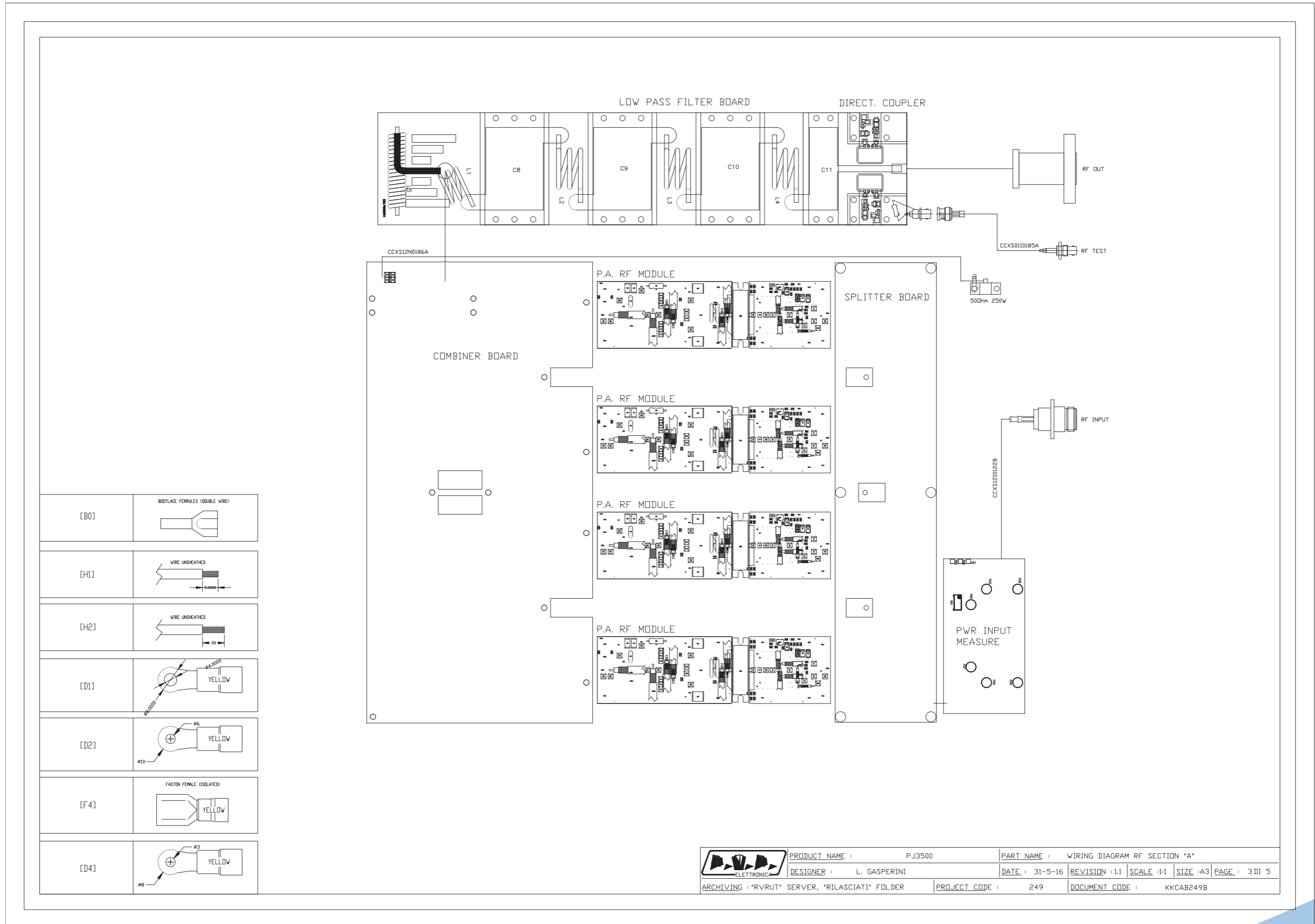


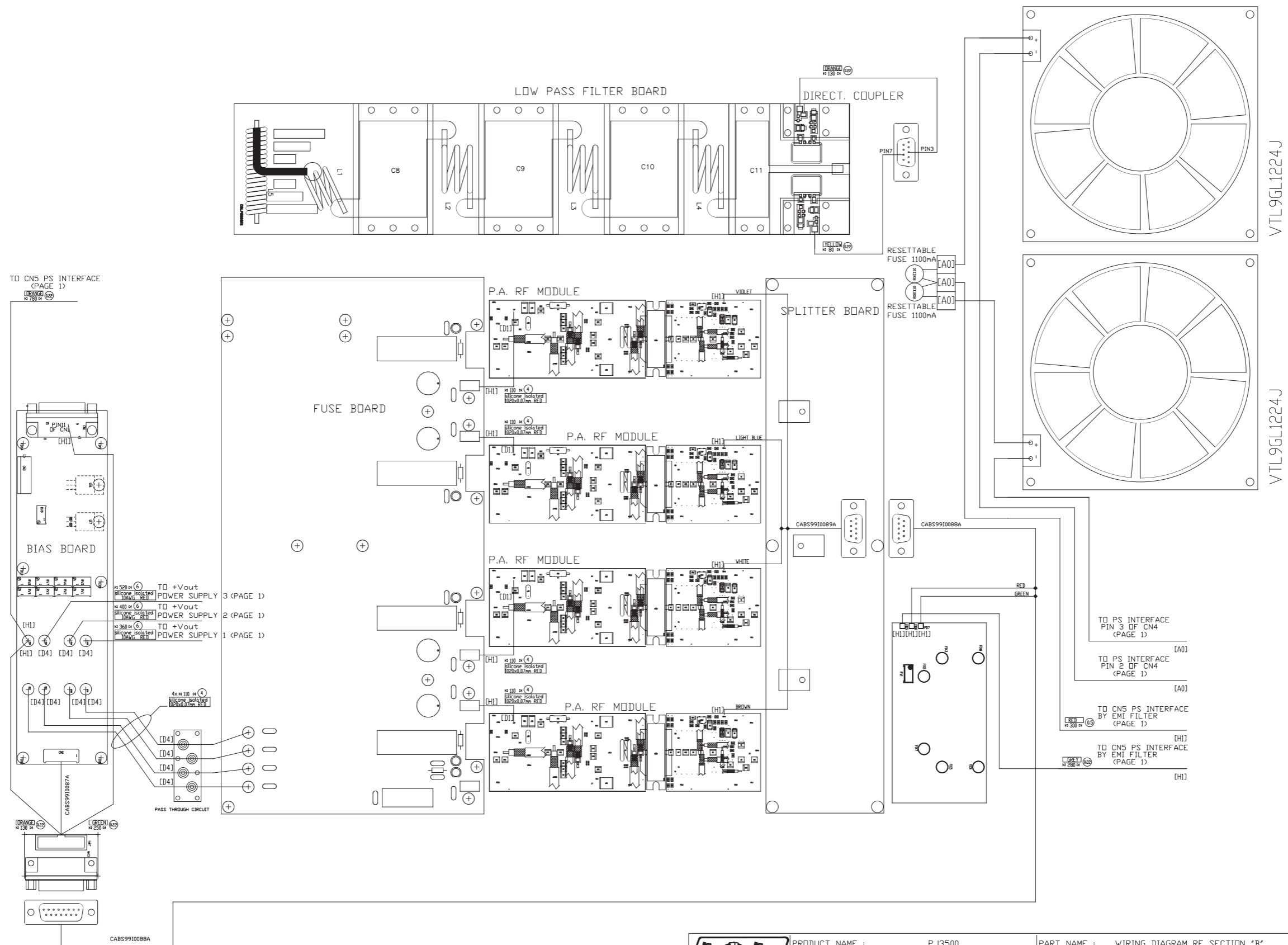
BIAS CARD - FIX8 (PAGE 4)  
RF SECTION - GND FAN (PAGE 4)  
RF SECTION - GND FAN (PAGE 4)

	PRODUCT NAME :	PJ3500	PART NAME :	WIRING DIAGRAM PS SECTION "A"							
	DESIGNER :	L. GASPERINI	DATE :	31-5-16	REVISION :	1.1	SCALE :	1:1	SIZE :	A3	PAGE :
ARCHIVING :	"RVRUT" SERVER, "RILASCIATI" FOLDER		PROJECT CODE :	249	DOCUMENT CODE :	KKCAB249B					

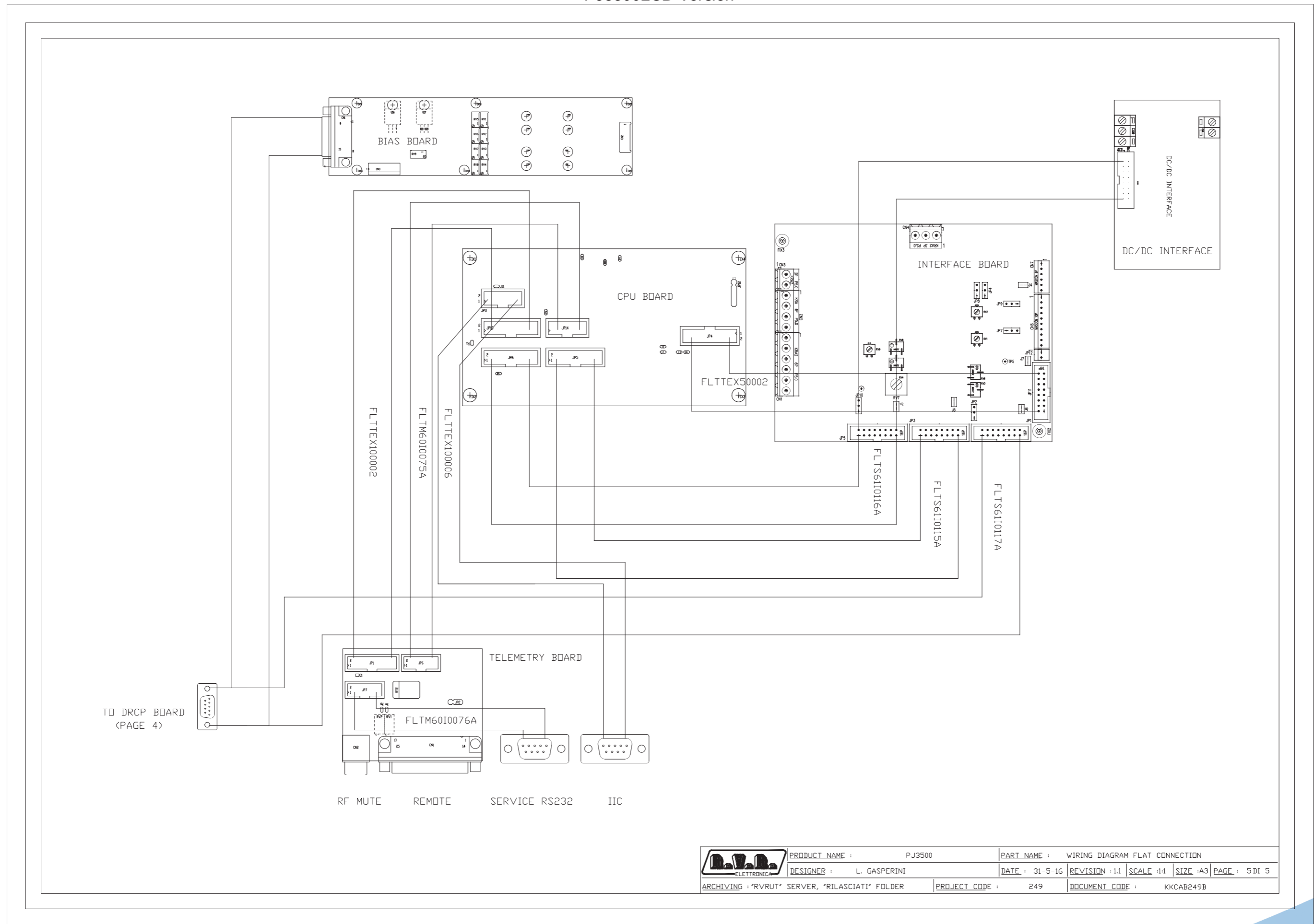


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ARCHIVING :	"RVRUT" SERVER, "RILASCIATI" FOLDER		PROJECT CODE :	249	DOCUMENT CODE :	KKCAB249B					





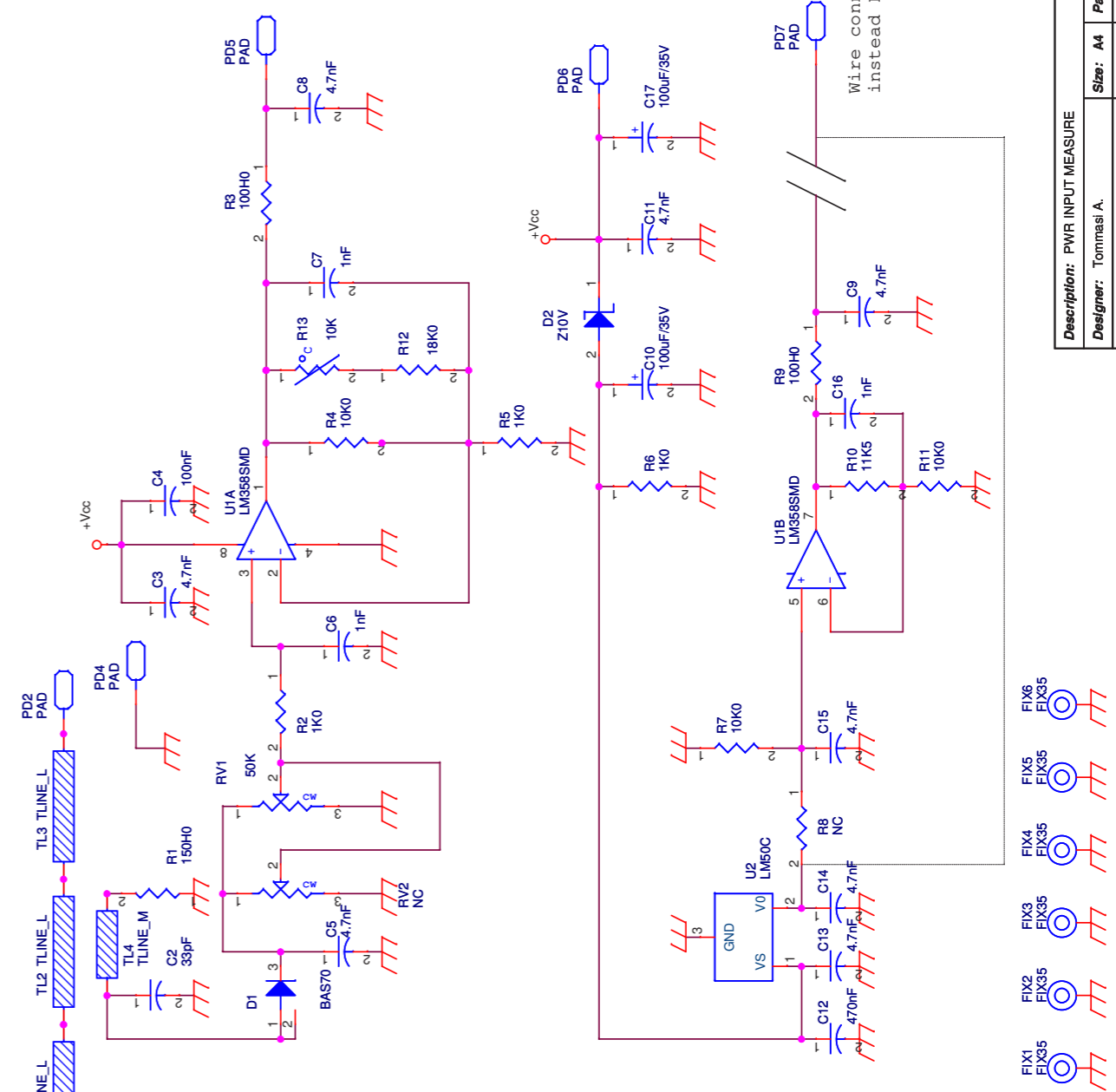
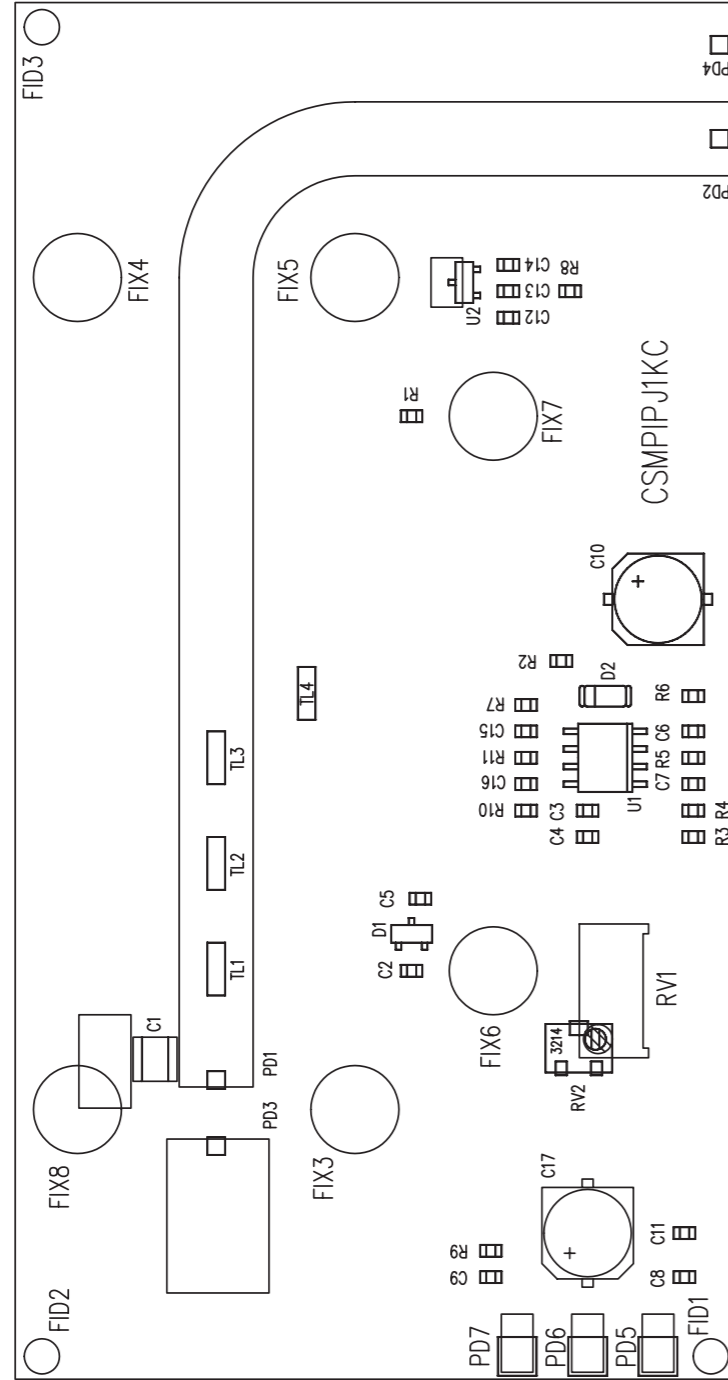
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	DESIGNER :	L. GASPERINI	DATE :	31-5-16	REVISION :	1.1	SCALE :	1:1	SIZE :	A3	PAGE :
ARCHIVING : "RVRT" SERVER, "RILASCIATI" FOLDER			PROJECT CODE :	249	DOCUMENT CODE :	KKCAB249B					



PRODUCT NAME :	PJ3500	PART NAME :	WIRING DIAGRAM FLAT CONNECTION
DESIGNER :	L. GASPERINI	DATE :	31-5-16
ARCHIVING :	'RVRUT' SERVER, 'RILASCIATI' FOLDER	REVISION :	1.1
PROJECT CODE :	249	SCALE :	1:1
DOCUMENT CODE :	KKCAB249B	SIZE :	A3
		PAGE :	5 DI 5

SLMIPPJ1KC

		Pagina: 1 di 1 Size: A4
Nome Progetto: PJ1000C-LCD	Data: 29/10/03	Codice Progetto: 010
Autore: Ufficio Tecnico	Revisione: 1.1	Nome Parte: PWR INPUT MEASURE
Nome PC in Rete: \\UT_SRV\PROGETTI	Autorizzazione:	Codice: SLMIPPJ1KC
File/Cartella: PJ1000C-LCD\SLMIPPJ1KC\SLMIPPJ1KC.DWG	Trattamento: /	Profilo: /
Scale: 2:1	Materiale: /	/



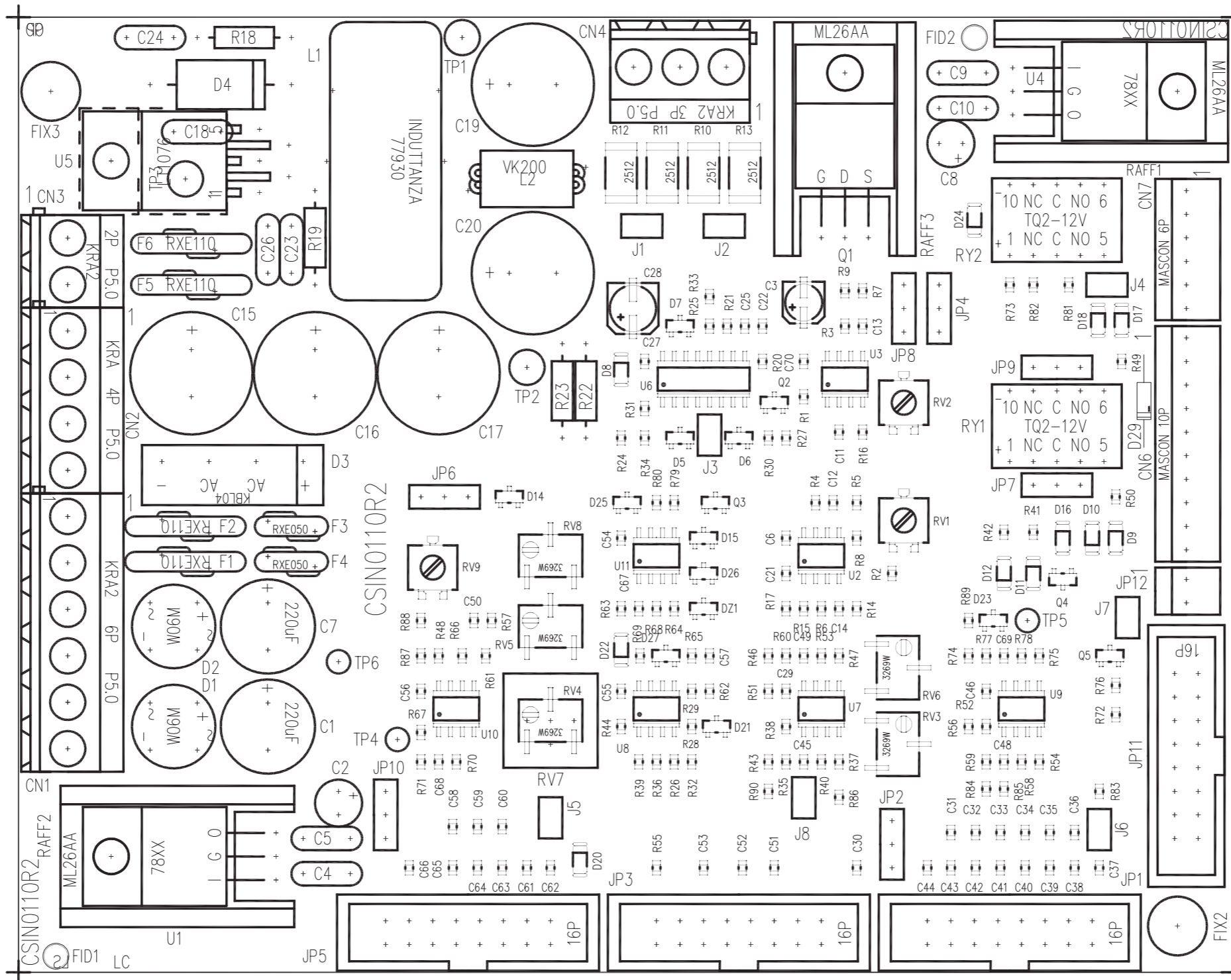
Description: PWR INPUT MEASURE	Size: A4
Designer: Tommasi A.	Page: 1 of 1
Part No.: SLMIPPJ1KC	Rev: 1.7
Date: 10/12/2020	/



SLMIPPJ1KC

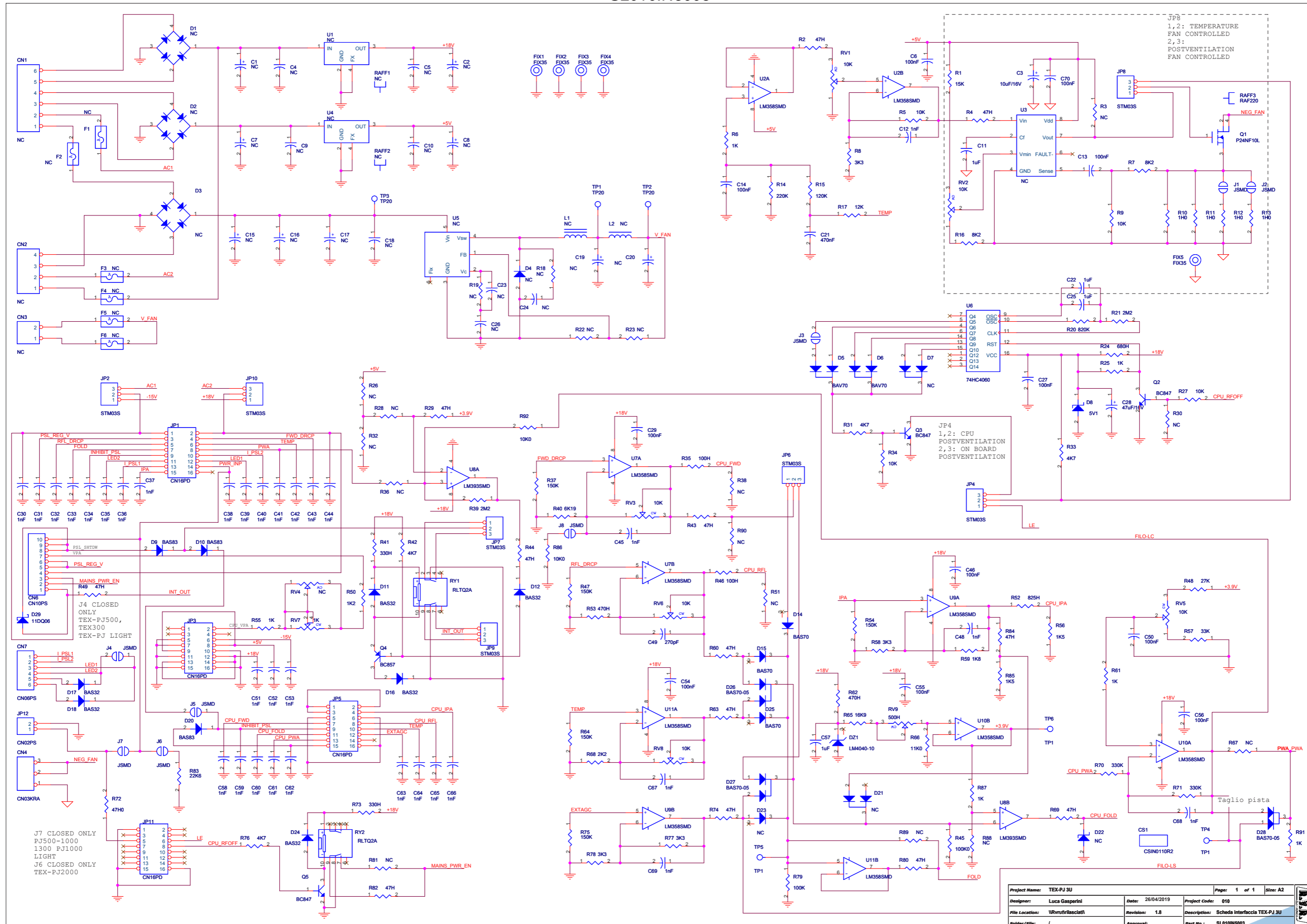
PWR INPUT MEASURE Revised: Thursday, December 10, 2020  
 SLMIPPJ1KC Revision: 1.7  
 Tommasi A.

Item	Quantity	Reference	Part	Description
1	1	C1	NC	1212 HQ SMD capacitor
2	1	C2	33pF	0805 SMD capacitor
3	8	C3, C5, C8, C9, C11, C13, C14, C15	4.7nF	0805 SMD capacitor
4	1	C4	100nF	0805 SMD capacitor
5	3	C6, C7, C16	1nF	0805 SMD capacitor
6	2	C10, C17	100uF/35V	SMD electr. cap. 6.3mm
7	1	C12	470nF	0805 SMD capacitor
8	1	D1	BAS70	SMD diode SOT23
9	1	D2	Z10V	MINIMELF SMD Zener Diode
10	6	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6	FIX35	3.5mm Fixing hole
11	7	PD1, PD2, PD3, PD4, PD5, PD6, PD7	PAD	SMD pad
12	1	RV1	50K	Trimmer Rg V 3296W
13	1	RV2	NC	Trimmer SMD V 3314
14	1	R1	150H0	0805 SMD res.
15	3	R2, R5, R6	1K0	0805 SMD res.
16	2	R3, R9	100H0	0805 SMD res.
17	3	R4, R7, R11	10K0	0805 SMD res.
18	1	R8	NC	0805 SMD res.
19	1	R10	11K5	0805 SMD res.
20	1	R12	18K0	0805 SMD res.
21	1	R13	10K	NTC resistor SMD 0805
22	1	TL1, TL2, TL3	TLINE_L	
23	3	TL4	TLINE_M	
24	1	U1	LM358SMD	Dual Op. SMD SO8
25	1	U2	LM50C	Temperature sensor



	PRODUCT NAME:	TEX-LCD	PART NAME:	INTERFACE CARD					
	DESIGNER:	L. GASPERINI	DATE:	29/07/2015					
ARCHIVING:	"RVRUT" SERVER, "RILASCIATI" FOLDER	REVISION:	1.1	SCALE:	2:1	SIZE:	A3	PAGE:	1 DI 1
PROJECT CODE:	010	DOCUMENT CODE:	SL010IN5003						

**SL010IN5003**



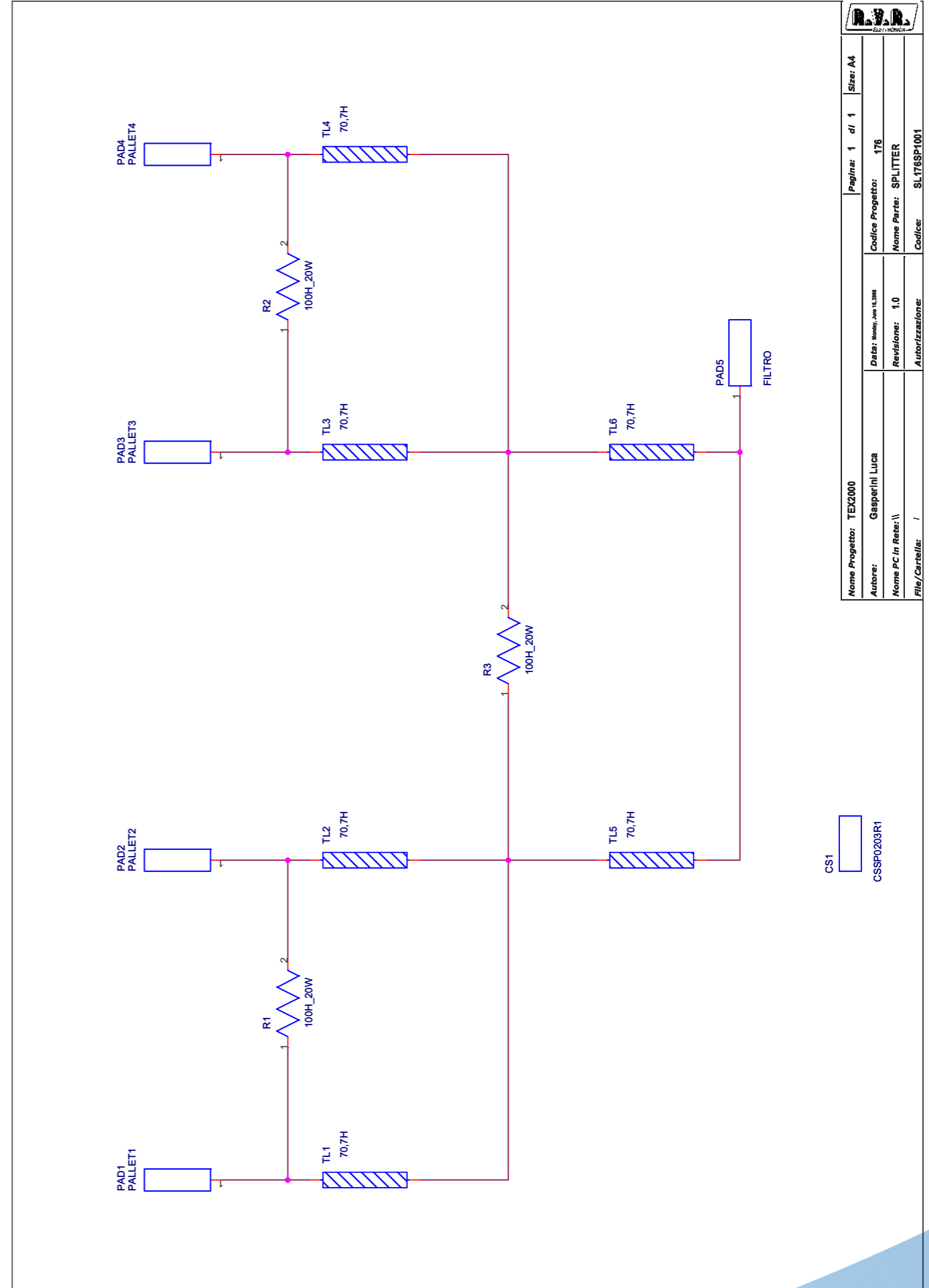
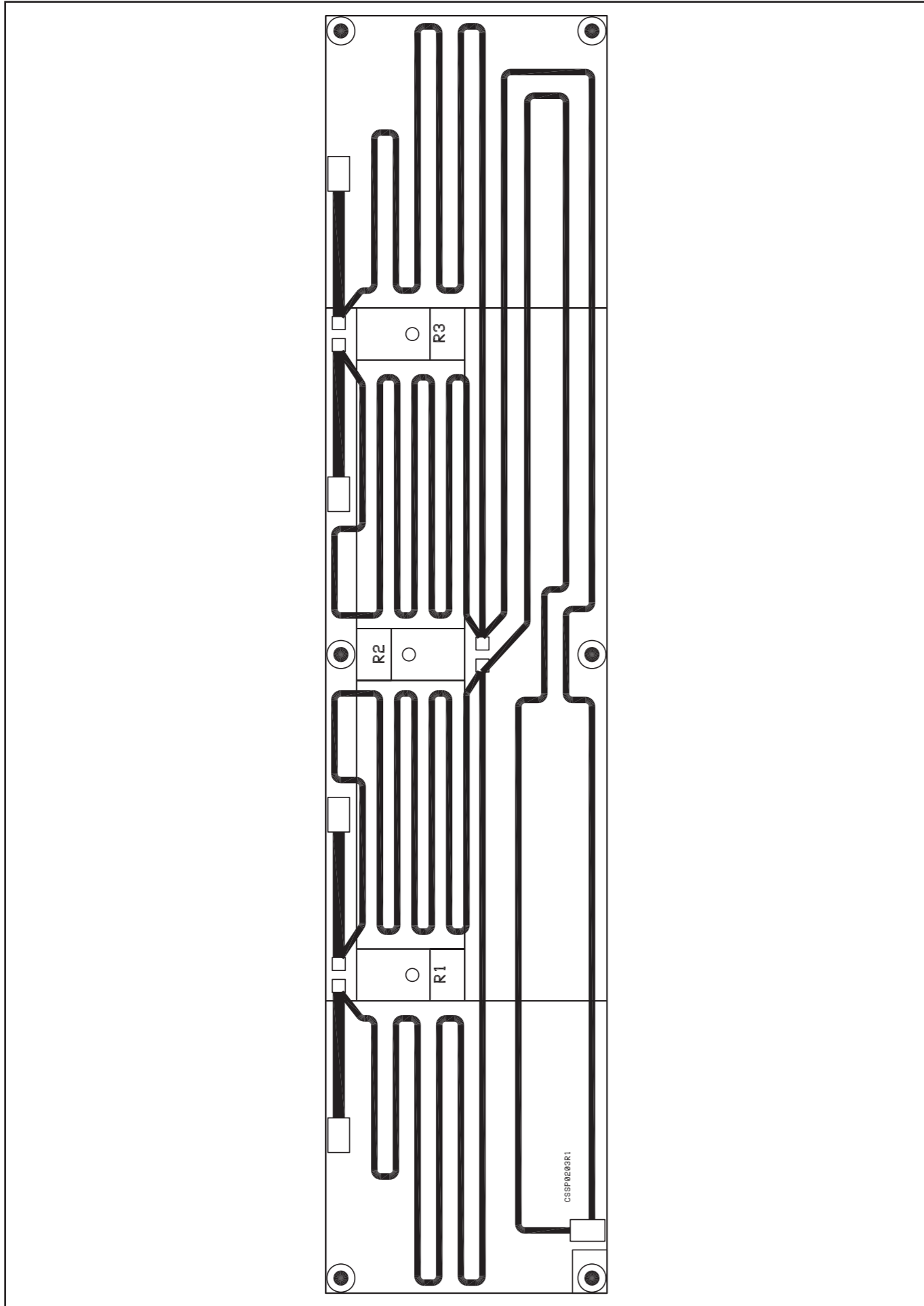
Project Name:	TEX-PJ 3U	Page:	1 of 1	Size:	A2
Designers:	Luca Gasparini	Date:	25/04/2019	Project Code:	010
File Location:	WRVnr\trilasciati	Revision:	1.8	Description:	Scheda interfaccia TEX-PJ 3U
Folder/File:	/	Approved:		Part No.:	SL010IN5003

SL010IN5003

Scheda interfaccia TEX-PJ 3U Revised: 26/04/2019  
 SL010IN5003 Revision: 1.8  
 Luca Gasperini  
 TEX-PJ 3U

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	Diodo plastico P600			
23	2	D5,D6	BAV70	Doppio Diodo 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	3	D14,D15,D25	BAS70	Diodo SMD SOT23			
28	3	D26,D27,D28	BAS70-05	Doppio Diodo SMD SOT23			
29	1	D22	NC	MINIMELF SMD Zener Diode			
30	3	D23, D7, D21	NC	Diodo SMD SOT23			
31	1	D29	11DQ06	Diodo Schottky			
32	5	FIX1, FIX2, FIX3, FIX4, FIX5	FIX35	Foro fissaggio 3.5mm			
33	1	F1	NC	Fusibile autorip. 13mm			
34	5	F2,F3,F4,F5,F6	NC	Fusibile autorip. 7mm			
35	4	JP1,JP3,JP5,JP11	CN16PD	Conn.M.C.S.Dritto 16P alette			
36	7	JP2,JP4,JP6,JP7,JP8,JP9,JP10	STM03S	Strip maschio 3 pin			
37	1	JP12	CN02PS	Connettore 2 poli Mascon			
38	8	J1,J2,J3,J4,J5,J6,J7,J8	JSMD	Pad SMD a saldare			
39	1	L1	NC	Induttanza toroidale			
40	1	L2	NC	Induttanza cilindrica VK200			
41	1	Q1	P24NF10L	Trans. FET N TO220			
42	3	Q2,Q3,Q5	BC847	Trans. NPN SOT23			
43	1	Q4	BC857	Trans. PNP SOT23			
44	2	RAFF1,RAFF2	NC	Dissipatore TO220			
45	1	RAFF3	RAF220	Dissipatore TO220			
46	2	RV1,RV2	10K	Trimmer SMD			
47	4	RV3,RV5,RV6,RV8	10K	Trimm. multi SMD 3269			
48	1	RV4	NC	Trimm. multi SMD 3269			
49	1	RV7	1K	Trimmer Rg V 3386P			
50	1	RV9	500H	Trimmer SMD			
51	2	RY1,RY2	RLTQ2A	Rele' TQ2			
52	1	R1	15K	Res. SMD 0805			
53	14	R2,R4,R29,R43,R44,R49,R60,R63,R69,R72,R74,R80,R82,R84	47H	Res. SMD 0805			
54	13	R3,R26,R28,R30,R32,R36,R38,R51,R67,R81,R88,R89,R90	NC	Res. SMD 0805			
55	6	R5,R9,R27,R34,R86,R92	10K	Res. SMD 0805			
56	6	R6,R25,R55,R61,R87,R91	1K	Res. SMD 0805			
57	2	R7,R16	8K2	Res. SMD 0805			
58	4	R8,R58,R77,R78	3K3	Res. SMD 0805			
59	4	R10,R11,R12,R13	1H0	Res. SMD 2512 1%			
60	1	R14	220K	Res. SMD 0805			
61	1	R15	120K	Res. SMD 0805			
62	1	R17	12K	Res. SMD 0805			
63	4	R18,R19,R22,R23	NC	Res. 1/4W			
64	1	R20	820K	Res. SMD 0805			
65	2	R21,R39	2M2	Res. SMD 0805			
66	1	R24	680H	Res. SMD 0805			
67	4	R31,R33,R42,R76	4K7	Res. SMD 0805			
68	2	R35,R46	100H	Res. SMD 0805			
69	5	R37,R47,R54,R64,R75	150K	Res. SMD 0805			
70	1	R40	6K19	Res. SMD 0805			
71	2	R41,R73	330H	Res. SMD 0805			
72	2	R45,R79	100K	Res. SMD 0805			
73	1	R48	27K	Res. SMD 0805			
74	1	R50	1K2	Res. SMD 0805			
75	1	R52	825H	Res. SMD 0805			
76	2	R53,R62	470H	Res. SMD 0805			
77	2	R56,R85	1K5	Res. SMD 0805			
78	1	R57	33K	Res. SMD 0805			
79	1	R59	1K8	Res. SMD 0805			
80	1	R65	16K9	Res. SMD 0805			
81	1	R66	11K0	Res. SMD 0805			
82	1	R68	2K2	Res. SMD 0805			
83	2	R70,R71	330K	Res. SMD 0805			
84	1	R83	22K6	Res. SMD 0805			
85	3	TP1,TP2,TP3	TP20	Foro dia. 2mm			
86	3	TP4,TP5,TP6	TP1	Test point			
87	2	U1,U4	NC	Stabilizzatore TO220F Isolato			
88	5	U2,U7,U9,U10,U11	LM358SMD	Dual Op. SMD SO8			
89	1	U3	NC	Fan controller SO8			
90	1	U5	NC	Regolatore switching			
91	1	U6	74HC4060	Divider SMD SO16			
92	1	U8	LM393SMD	Dual Op. SMD SO8			
93	7	Ponticello per connettore strip da CS	JUMPER	JUMPER			

SL176SP1001



Nome Progetto: TEX2000		Pagina: 1 di 1		Size: A4
Autore: Gasparini Luca		Codice Progetto: 176		
Nome P.C. in Rete: \		Revisione: 1.0		
File/Cartella: /		Autore/Revisione:		
		Nome Parte: SPLITTER		
		Codice: SL176SP1001		

CS1  
CSSP0203R1

SL176SP1001

SPLITTER Revised: Monday, June 16, 2008

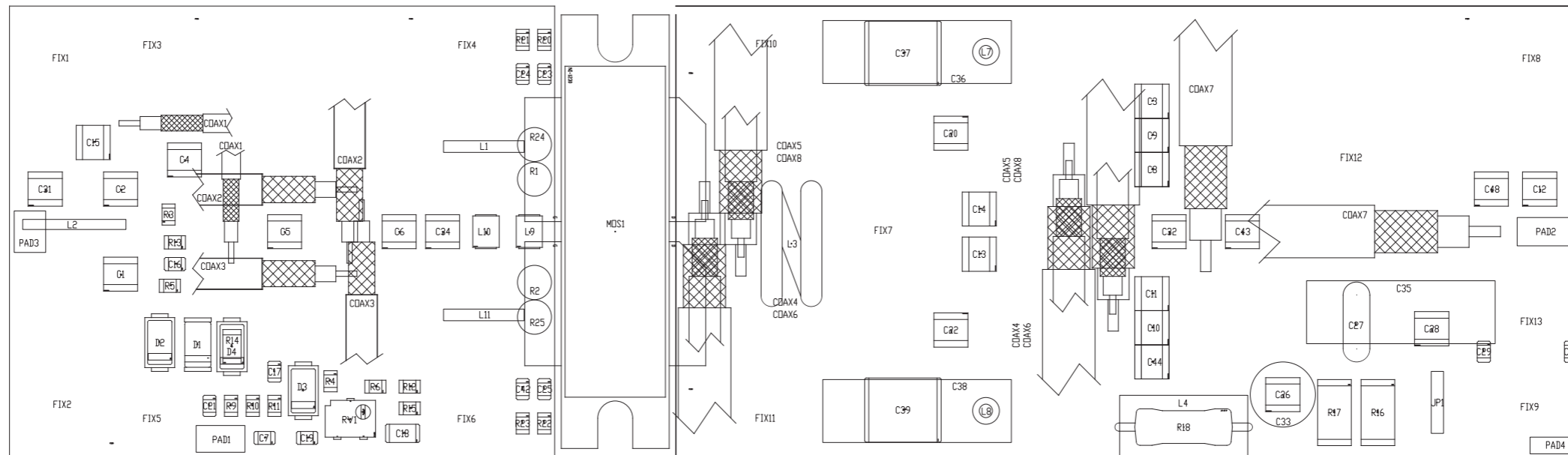
SL176SP1001 Revision: 1.0


TEX2000

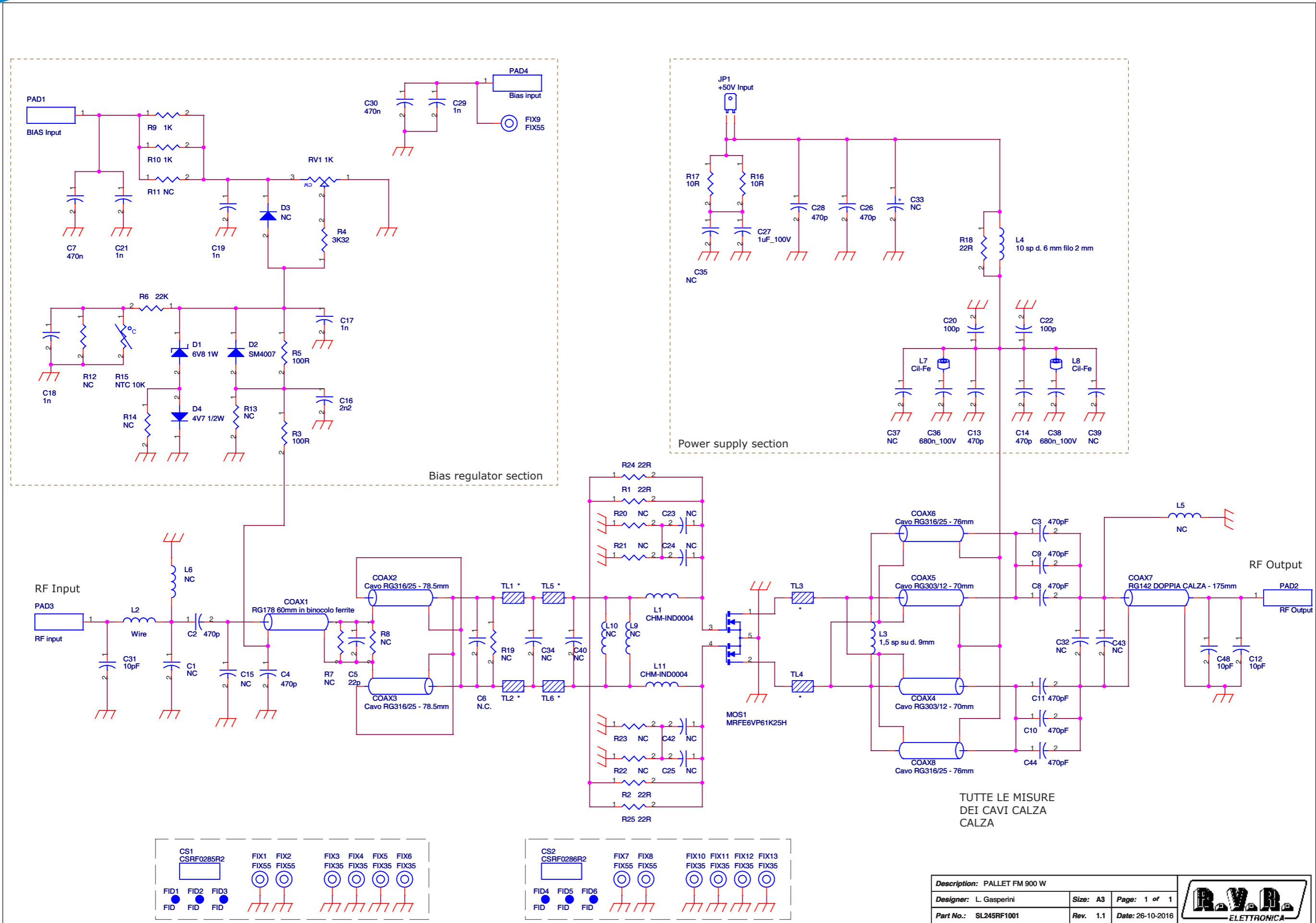
176

Gasperini Luca

Item	Quantity	Reference	Part	{description}
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2	1	PAD1	PALLET1	
3	1	PAD2	PALLET2	
4	1	PAD3	PALLET3	
5	1	PAD4	PALLET4	
6	1	PAD5	INPUT	
7	2	R1, R2, R3	100H_250W	Resistenza Kaddoc



	PRODUCT NAME : TEX3500LCD	PART NAME : PALLET FM 900 W
	DESIGNER : L. GASPERINI	DATE 26/10/16   REVIS. : 1.1   SCALE 1:1   SIZE A3   PAGE : 1 DI 1
	ARCHIVING : 'RVRUT' SERVER, 'RILASCIATI' FOLDER	PROJECT CODE : 245   DOCUMENT CODE : SL245RF1001



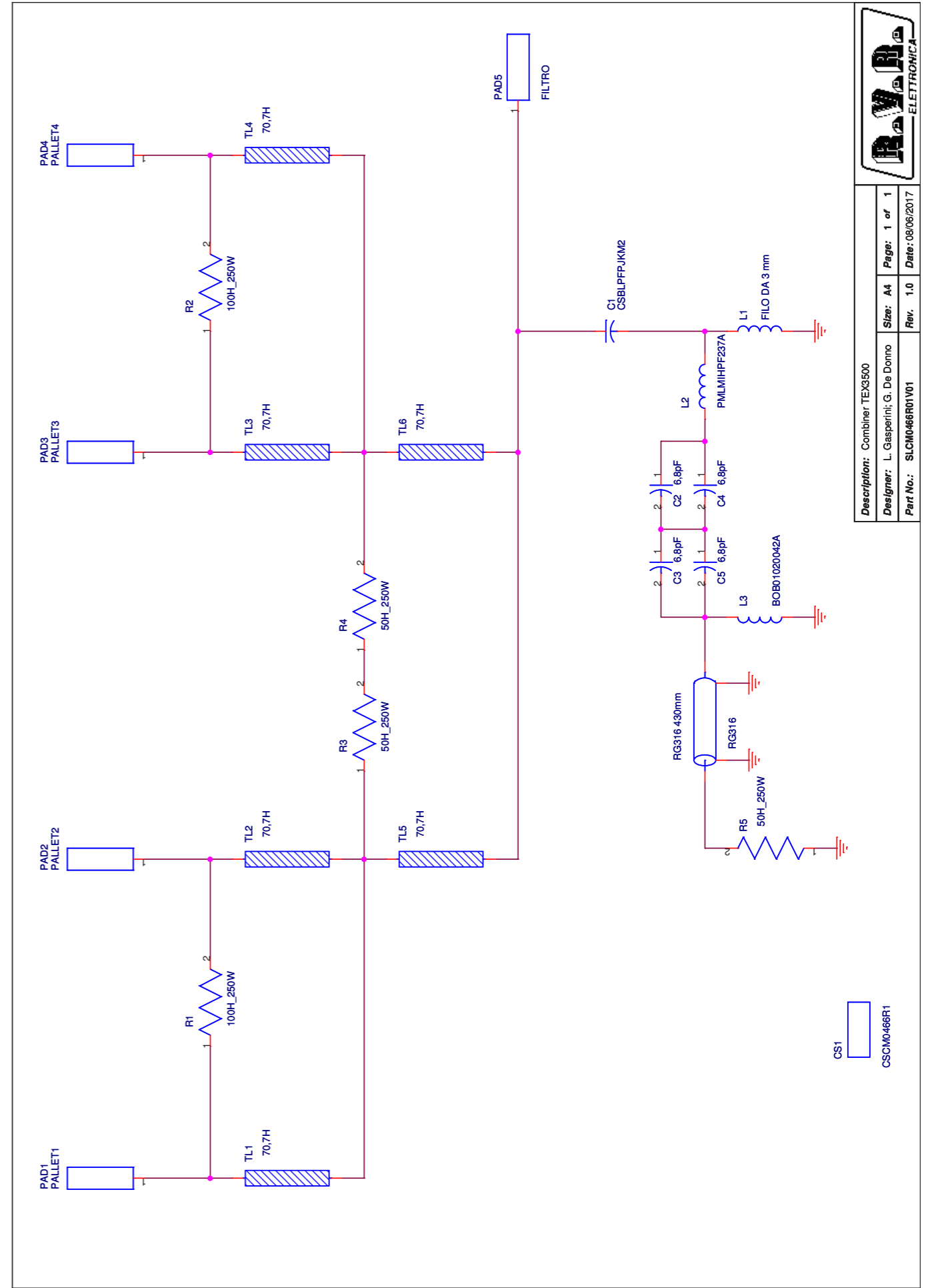
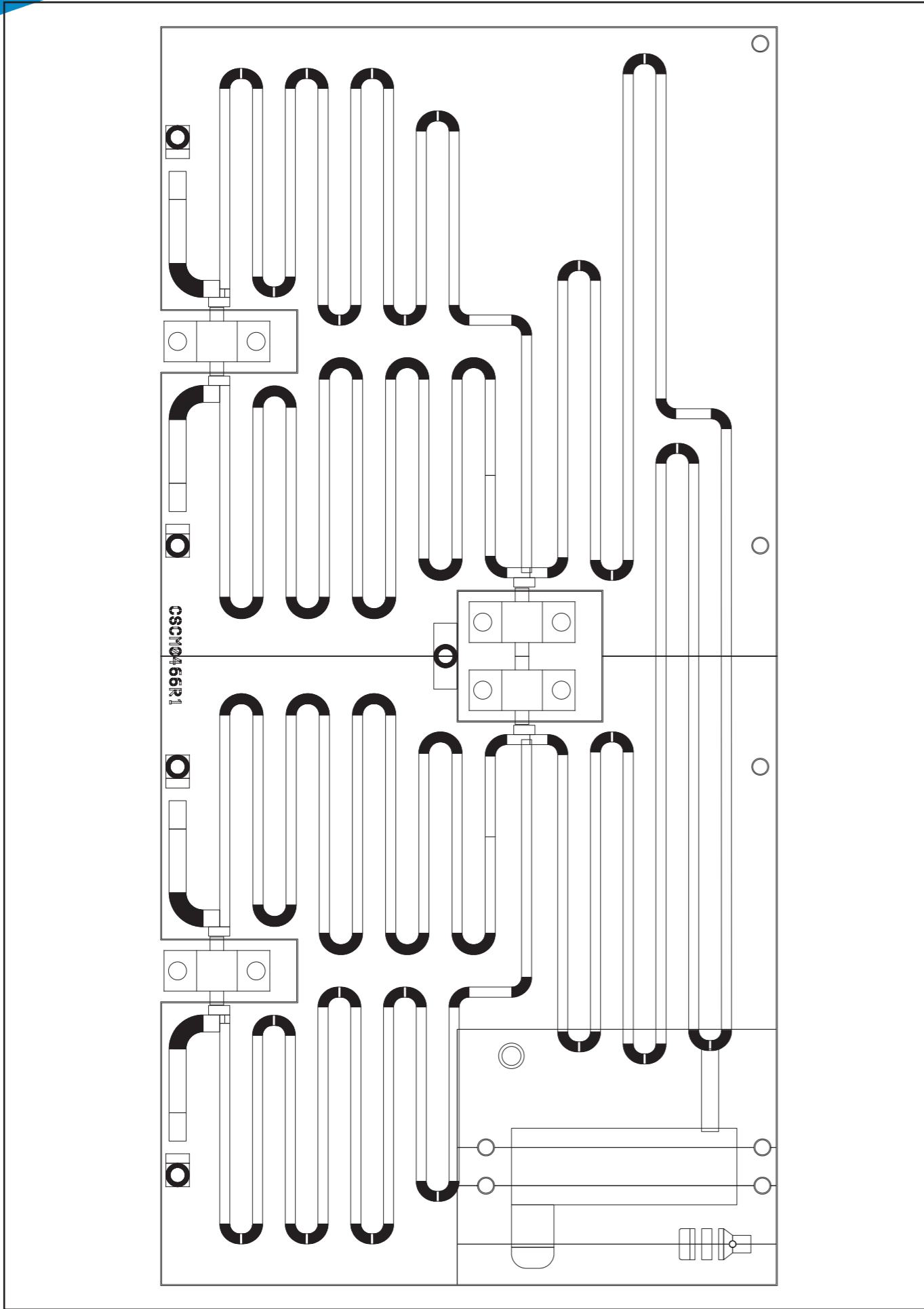
Description: PALLET FM 900 W			
Designer: L. Gasperini	Size: A3	Page: 1 of 1	
Part No.: SL245RF1001	Rev. 1.1	Date: 26-10-2016	



SL245RF1001

PALLET FM 900 W Revised: 26-10-2016  
 SL245RF1001 Revision: 1.1  
 L. Gasperini

Item	Quantity	Reference	Part	(description)
1	1	COAX1	RG178 60mm in binocolo ferrite	Vedi Info SL245RF1001_COAX
2	2	COAX2, COAX3	Cavo RG316/25 - 78,5mm	Vedi Info SL245RF1001_COAX
3	2	COAX5, COAX4	Cavo RG303/12 - 70mm	Vedi Info SL245RF1001_COAX
4	2	COAX6, COAX8	Cavo RG316/25 - 76mm	Vedi Info SL245RF1001_COAX
5	1	COAX7	RG142 DOPPIA CALZA - 175mm	Vedi Info SL245RF1001_COAX
6	1	CS1	CSRF0285R2	Circuito stampato
7	1	CS2	CSRF0286R2	Circuito stampato
8	3	C1, C23, C25	NC	Cond. SMD 0805
9	2	C2, C4	470p	Cond. SMD 1212 HQ
10	4	C3, C44, C8, C9, C10, C11, C13, C14, C26, C28	470p	Cond. SMD 1212 HQ
11	1	C30	470n	Cond. SMD 0805
12	1	C5	22p	Cond. SMD 1212 HQ
13	1	C6	NC	Cond. SMD 1212 HQ
14	2	C7	470n	Cond. SMD 0805
15	2	C12, C48	10p	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	3	C17, C19, C21	1n	Cond. SMD 0805
19	1	C18	1n	Cond. SMD 1206
20	2	C22, C20	100p	Cond. SMD 1212 HQ
21	4	C23, C24, C25, C42	NC	Cond. SMD 0805
22	1	C27	1uF_100V	Cond. multistrato p 5mm
23	1	C31	10pF	Cond. SMD 1212 HQ
24	1	C29	1n	Cond. SMD 0805
25	2	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	CHM-IND0004	Printed link on copper
37	1	L2	Wire	Filo R. Arg. 1mm lung. 10mm
38	1	L3	70n	1.5 Spire Filo R. Arg. 1,5mm Avvolte su 9mmAlt. 5mm da PCB
39	1	L4	10 sp d. 6 mm filo 2 mm	10spire filo R. Smalt. 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	MRFE6VP61K25H	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	4	R1, R2, R24, R25	22R	Res. 2W
50	3	R7, R8, R19	NC	Res. 2W
51	2	R3, R5	100R	Res. SMD 0805 1%
52	1	R4	3K32	Res. SMD 0805 1%
53	1	R6	22K	Res. SMD 0805 1%
54	2	R10, R9	1K	Res. SMD 0805 1%
55	3	R11, R12, R13	NC	Res. SMD 0805 1%
56	1	R14	NC	Res. SMD 1206 1%
57	1	R15	NTC 10K	Res. NTC SMD 0805
58	2	R17, R16	10R	Res. SMD 2512 5%
59	1	R18	22R	Res. 2W
60	4	R20, R21, R22, R23	NC	Res. SMD 0805 1%
61	6	TL1, TL2, TL3, TL4, TL5, TL6	*	Linea strip CS
62	1		Ferrite balun	Ferrite balun



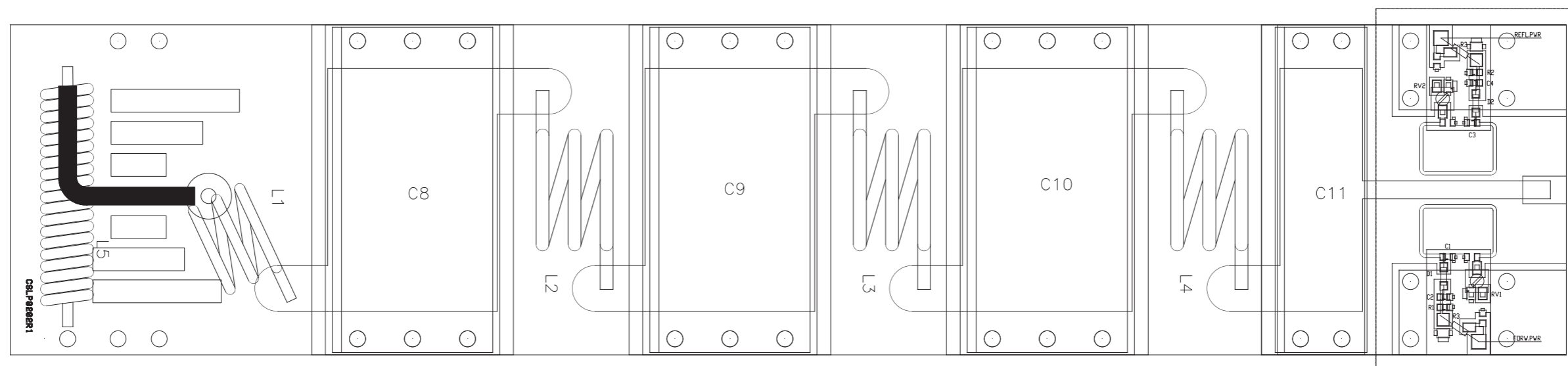
Description:	Combiner TEX3500
Designer:	L. Gasperini; G. De Donno
Part No.:	SLCM0466R01V01
Size:	A4
Page:	1 of 1
Rev.:	1.0
Date:	08/06/2017

CS1  
CSCM0466R1

SLCM0466R01V01

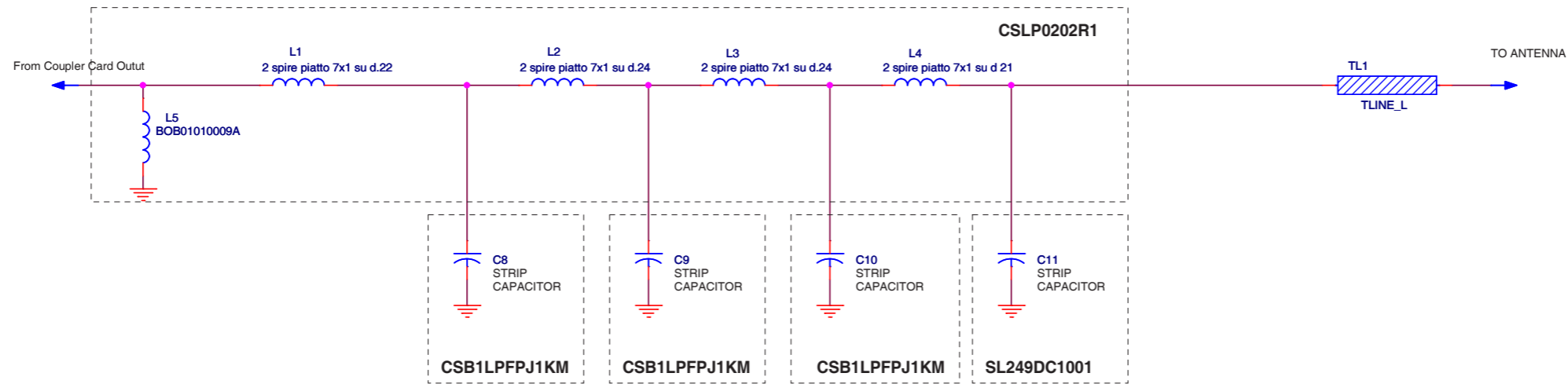
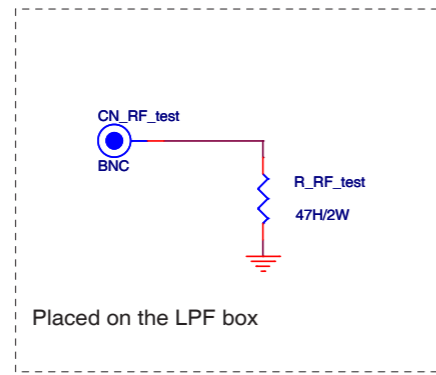
Combiner TEX3500 Revised: 08/06/2017  
 SLCM0466R01V01 Revision: 1.0  
 L. Gasperini; G. De Donno

Item	Quantity	Reference	Part	(description)
1	1	CS1	CSCM0466R1	
2	1	PAD1	PALLET1	
3	1	PAD2	PALLET2	
4	1	PAD3	PALLET3	
5	1	PAD4	PALLET4	
6	1	PAD5	FILTRO	
7	2	R1, R2	100H_250W	Resistenza KDI 2 fix
8	2	R3, R4	50H_250W	Resistenza KDI 2 fix
9	6	TL1, TL2, TL3, TL4, TL5, TL6	70,7H	Linea strip CS
10	1	R5	50H_250W	Terminazione KDI 2 fix
11	1		CAPACITA PER LPF	CAPACITA BASSA
12	1	L3	Ind in aria	BOBINA 2 sp su d. 4,5 mm
13	1	L2	LAMIERINO DI PRELIEVO	LAMIERINO DI PRELIEVO
14	4	C2, C3, C4, C5	6,8pF	Cond. HQ 1212



	PRODUCT NAME : TEX3500LCD	PART NAME : LOW PASS FILTER
	DESIGNER : L. GASPERINI	DATE 27/10/16 REVIS. : 1.0 SCALE 1:1 SIZE A3 PAGE :1 DI 1
ARCHIVING : 'RVRUT' SERVER, 'RILASCIATI' FOLDER PROJECT CODE : 249		DOCUMENT CODE : SL249LP1001

SL249LP1001



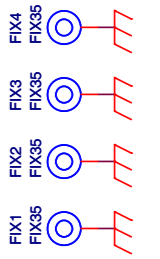
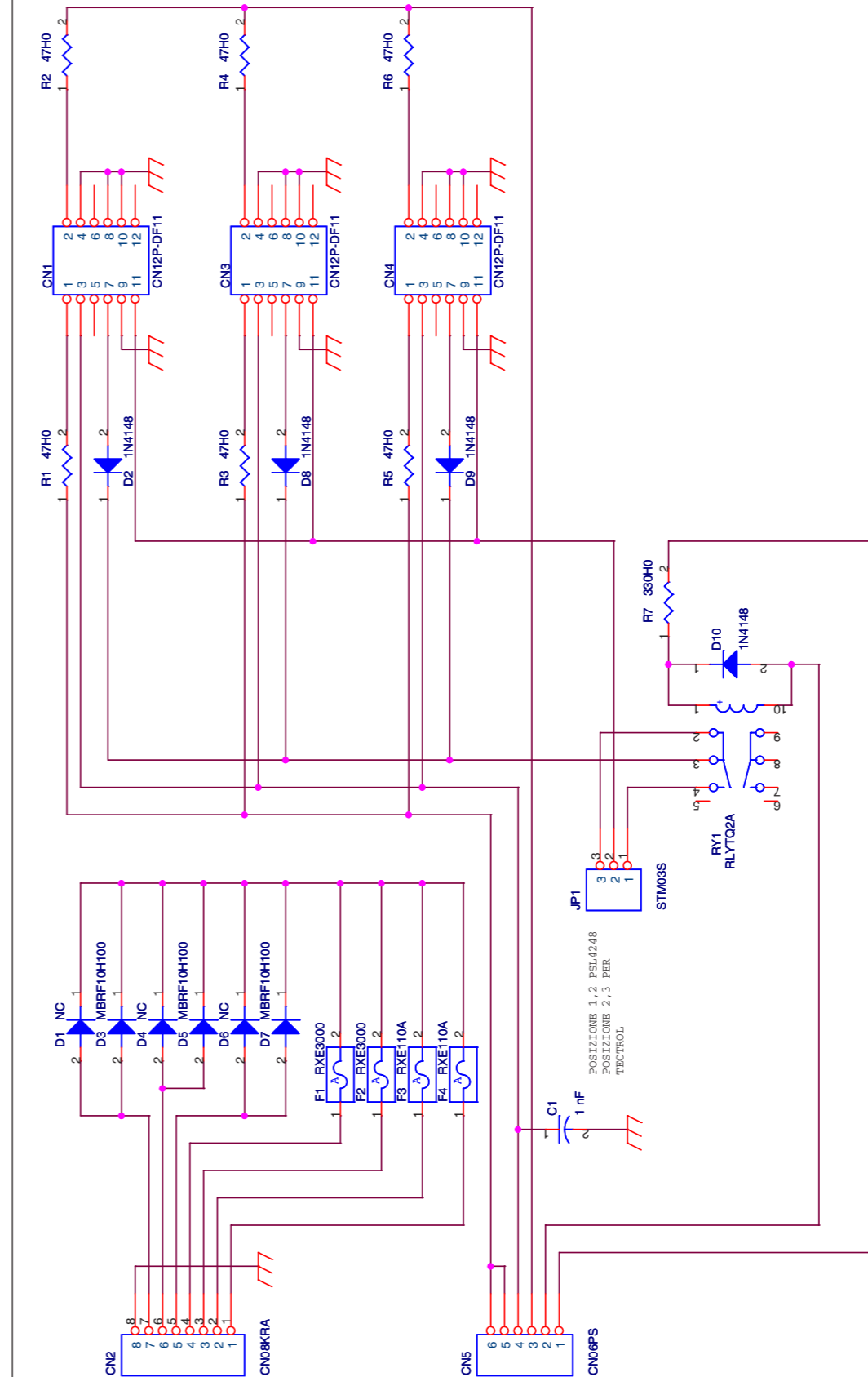
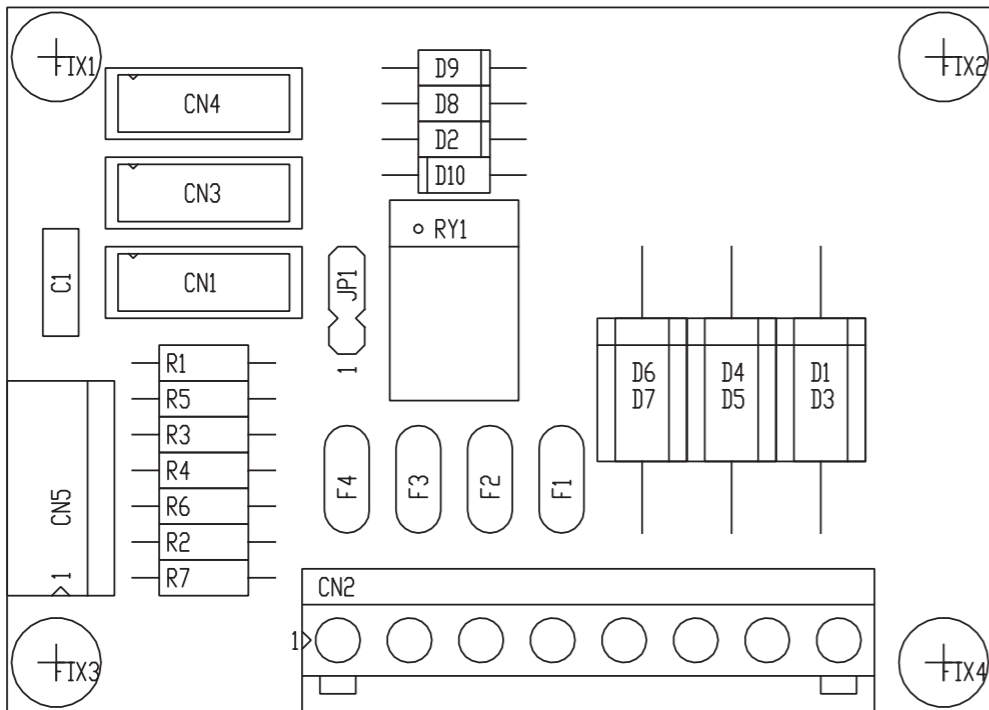
<b>Description:</b> Low Pass Filter TEX3500			
<b>Designer:</b> L. Gasperini	<b>Size:</b> A3	<b>Page:</b> 1 of 1	
<b>Part No.:</b> SL249LP1001	<b>Rev.:</b> 1.1	<b>Date:</b> 27-10-2016	

SL249LP1001

Low Pass Filter TEX3500 Revised: 27-10-2016  
SL249LP1001 Revision: 1.1  
L. Gasperini

Item	Quantity	Reference	Part	{description}
1	1	CS1	CSLP0202R1	
2	1	L1	BOBINA	2 spire piatto 7x1 su d.22
3	1	L2	BOBINA	2 spire piatto 7x1 su d.24
4	1	L3	BOBINA	2 spire piatto 7x1 su d.24
5	1	L4	BOBINA	2 spire piatto 7x1 su d.21
6	1	L5	BOBINA	13 spire filo 1,5 mm su d. 16,5mm
7	1	R_RF_test	RESISTENZA	RESISTENZA 2 W

SLIN0440R01V01



**R.V.R.**  
ELETTRONICA

Description: PS Interface Card  
 Designer: L. Gasparini  
 Part No.: SLIN0440R01V01  
 Size: A4  
 Page: 1 of 1  
 Rev. 1.1  
 Date: 28-10-2016

	PRODUCT NAME : TEX3500	PART NAME : PS INTERFACE CARD			
	DESIGNER : L. GASPERINI	DATE : 24/03/16	REVISION : 1.0	SCALE : 2:1	SIZE : A4
ARCHIVING : 'RVTRUT' SERVER, 'RILASCIATI' FOLDER	PROJECT CODE : <	DOCUMENT CODE : SLIN0440R01V01			

SLIN0440R01V01

Scheda interfaccia PS Revised: 28-10-2016  
 SLIN0440R01V01 Revision: 1.1  
 TEX3500LCD  
 Luca Gasperini

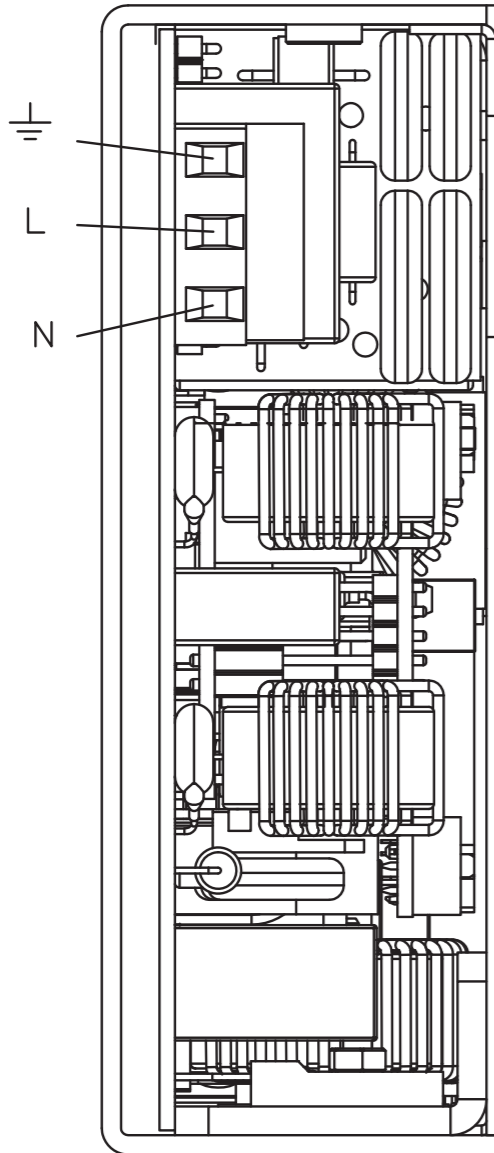
Item	Quantity	Reference	Part	{description}
1	3	CN1, CN3, CN4	CN12P-DF11	Connettore 12 poli DF11 12pin p. 2mm
2	1	CN2	CN08KRA	Conn. tipo KRA a 8 poli
3	1	CN5	CN06PS	Connettore 6 poli Mascon
4	1	CS1	CSIN0440R1	Circuito stampato
5	1	C1	1 nF	Cond. Poliestere p 5mm
6	3	D1, D4, D6	NC	Diodo plastico DO201
7	4	D2, D8, D9, D10	1N4148	
8	3	D3, D5, D7	MBRF10H100	Diodo plastico DO201
9	4	FIX1, FIX2, FIX3, FIX4	FIX35	Foro fissaggio 3.5mm
10	2	F2, F1	RXE3000	Fusibile autorip. RXE p5mm
11	2	F3, F4	RXE110	Fusibile autorip. RXE p5mm
12	1	JP1	STM03S	Connettore 3 poli Mascon
13	1	RY1	RLYTQ2A	Rele' TQ2
14	6	R1, R2, R3, R4, R5, R6	47H0	Res. 1/4W
15	1	R7	330H0	Res. 1/4W
16	1	JUMPER		



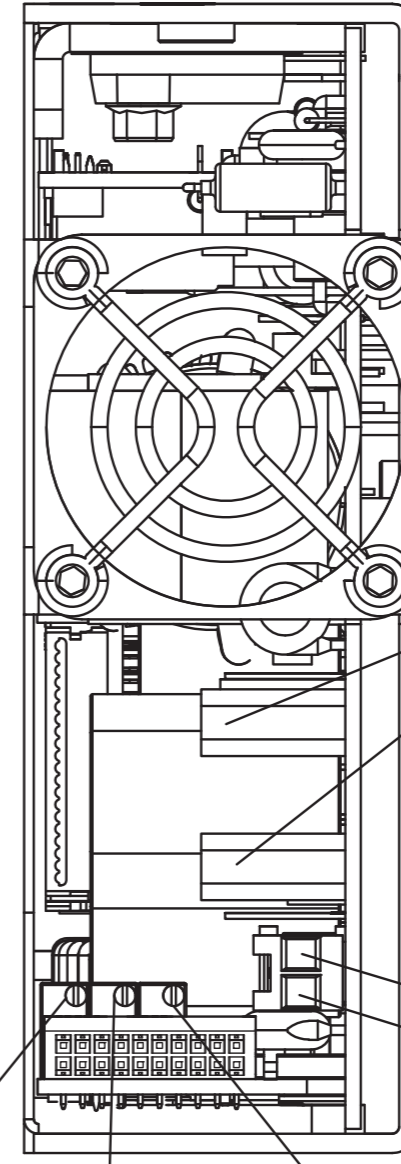
PSL4248

CONNECTION PSL4248

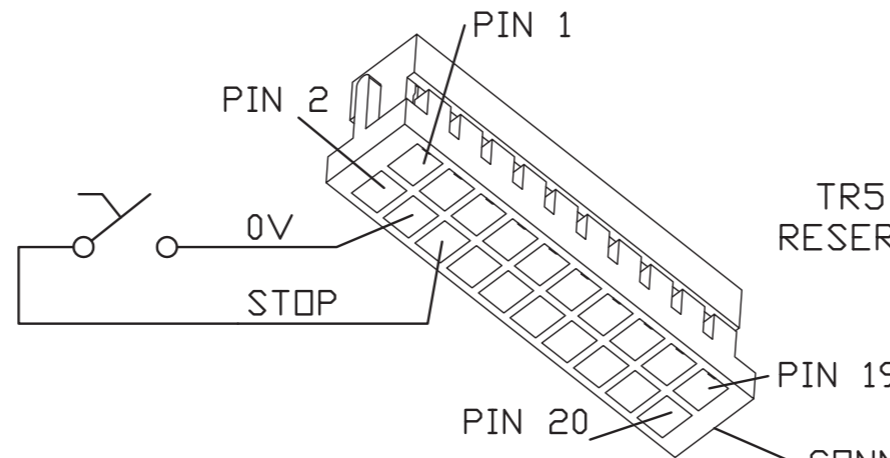
INPUT: 100-240V  
MAX 12A



	PIN		
FOLD_BCK	2	1	INH_IN <INIBIT TO GND>
0V	4	3	I_OUT 10A/1V
STOP_IN <STOP TO GND>	6	5	STBY
LINE_KO_OC	8	7	WARN_OC
TR- <RS-485>	10	9	TR+ <RS-485>
0V	12	11	SHARE-BAS
EXTV_ADJ	14	13	0V
SENS-	16	15	SENS-
NC	18	17	0V
SENS+	20	19	NC

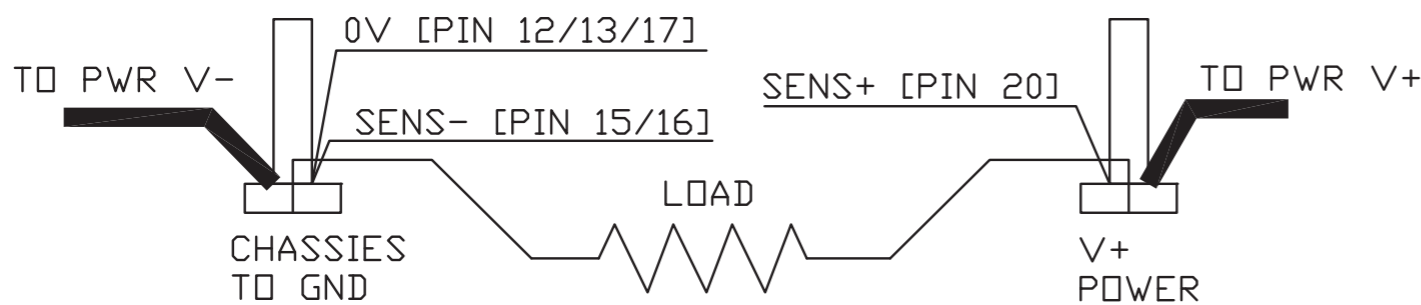


PWR V-  
PWR V+  
OUTPUT:  
42-48V  
MAX  
1900W  
AUX +  
AUX -  
AUX: 24V  
MAX 4A  
ISOLATION MAX  
500VDC



TR5 RESERVED  
TR1 FOLDBACK  
TR3 VOLTAGE ADJ  
CONNECTOR MODEL: HRS DF11-20DS-2C  
CONTACT MODEL: HRS DF11-2428SC

AUX CONNECTOR MODEL: AMP MOD I 280590  
AUX CONTACT MODEL: AMP MODU 181299-1



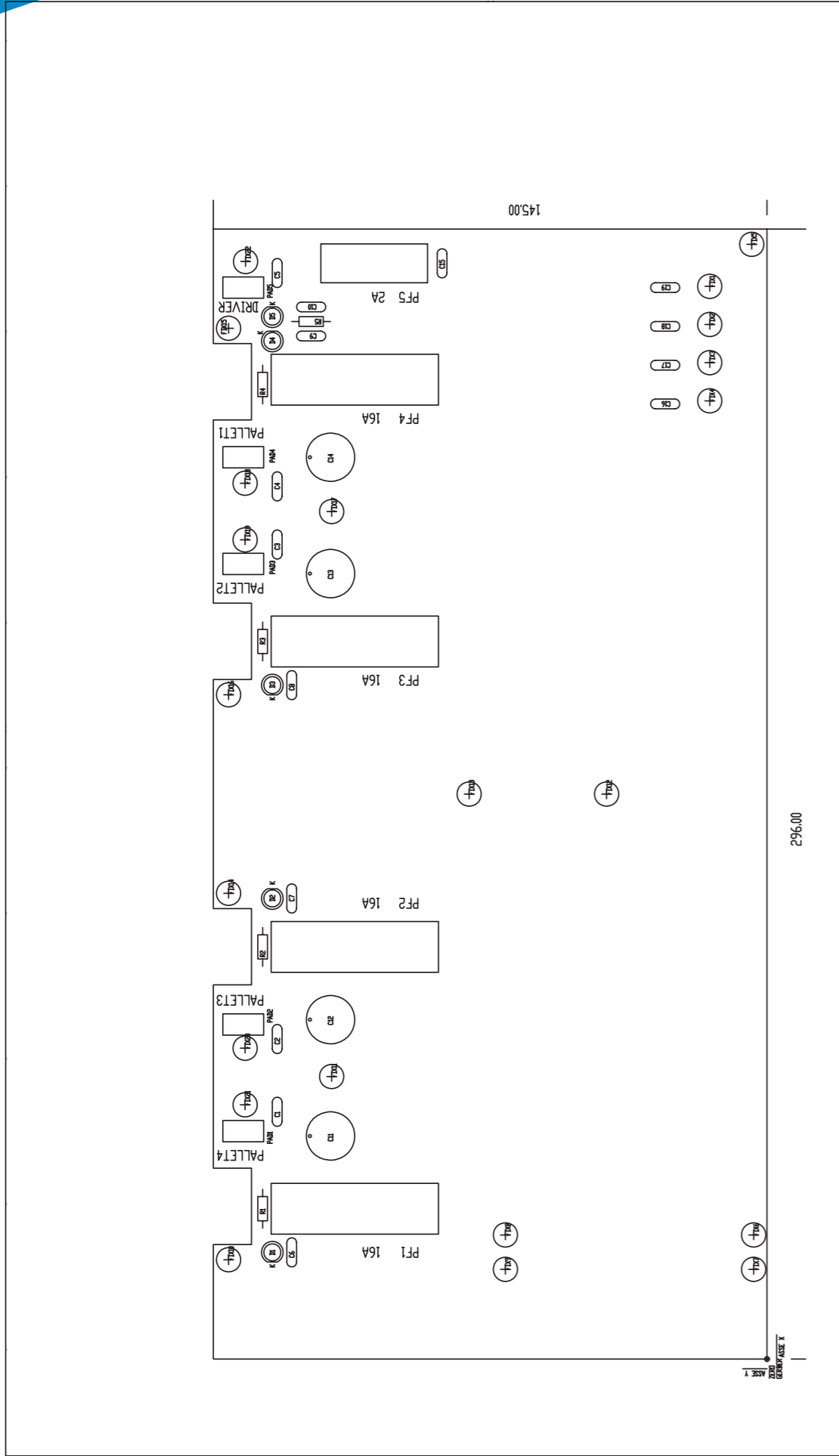
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2

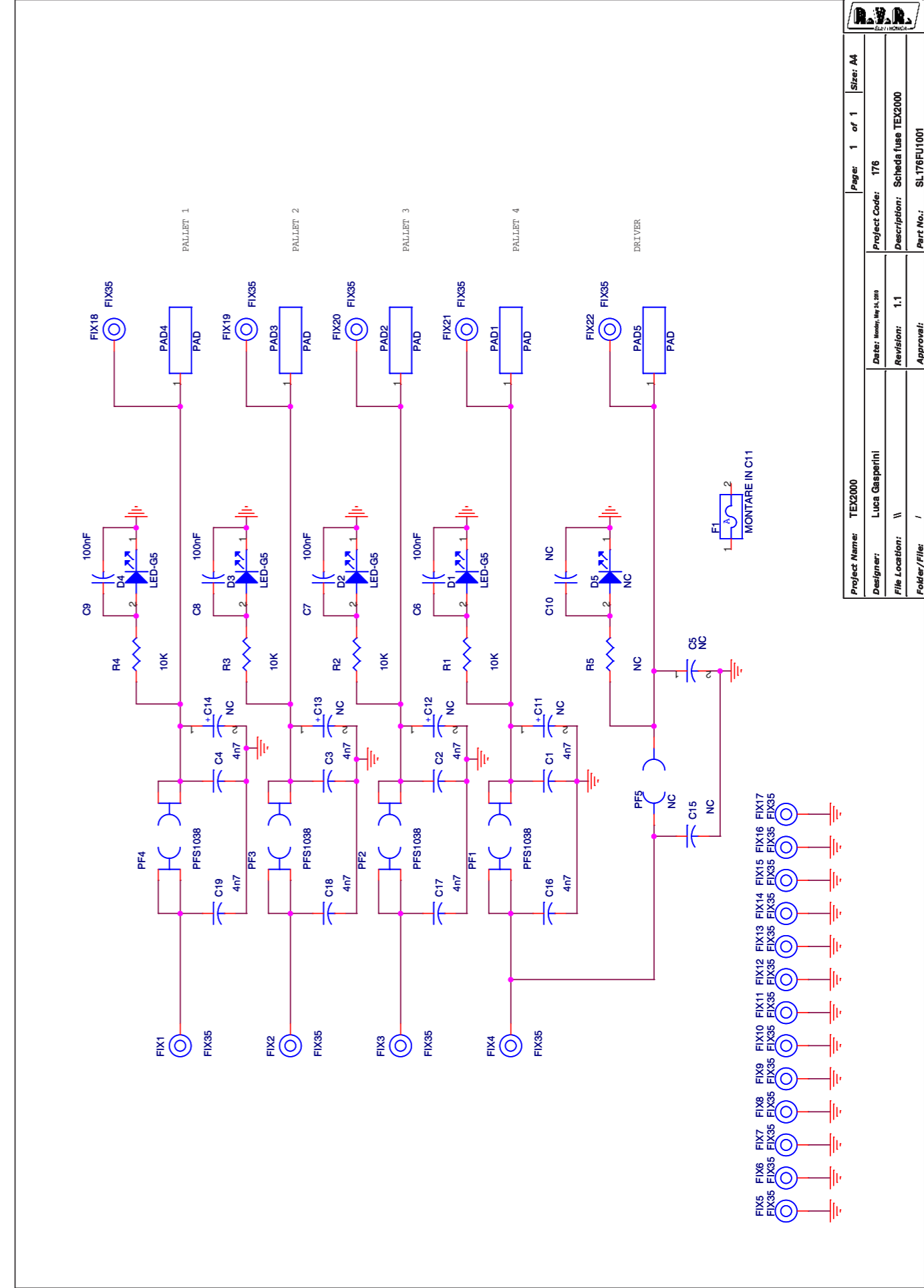
WEIGHT:

SCALE:1:1

SHEET 1 OF 1



RILASCIATO: 28/2/2008	DIS. SPOL. CTR. L.G. LATO PIANO DI MONTAGGIO VISTA LATO COMPONENTI
REV:	
DENOMINAZIONE: SCHEDA FUSE TEX2000	
DIMASCHEDA: VEDI PROFILO	
TRATT.: STANDARD COSTRUTTORE	
MAT.: FR4-74 1.6mm Cu35um	
VISTA POSITIVA	
CODICE: CSFU019IRI	RVR ELETTRONICA S.P.A.
	SCALA 1:1



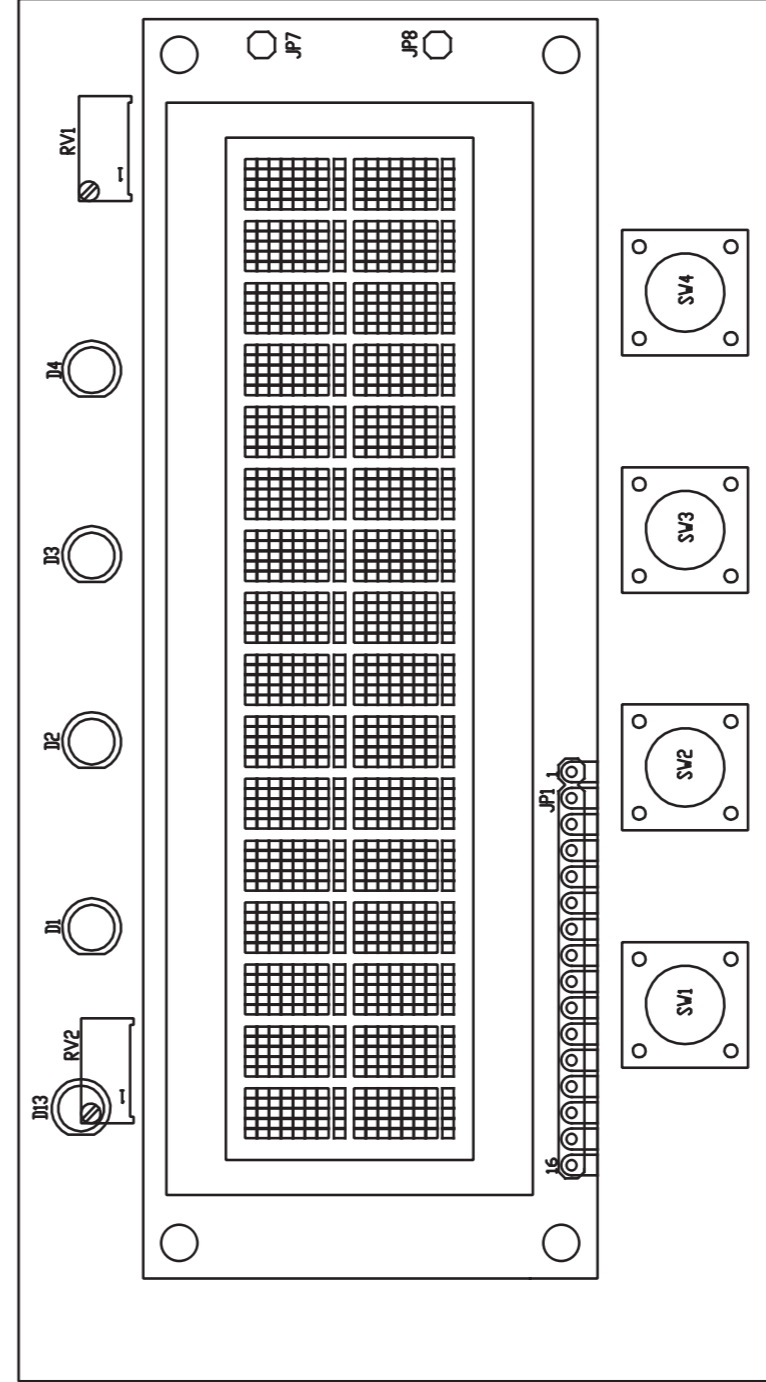
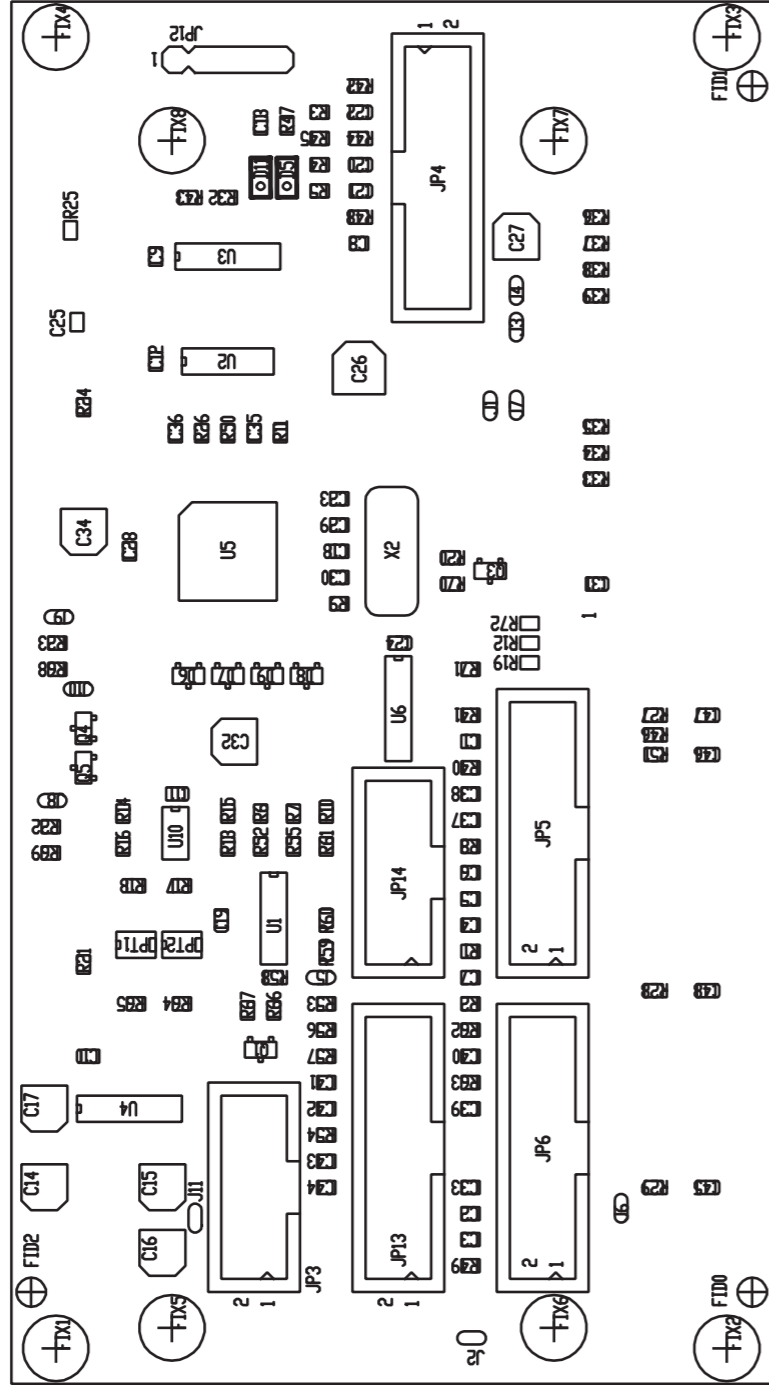
Project Name: TEX2000	Page: 1 of 1	Size: A4
Designer: Luca Gasparini	Date: Monday, May 24, 2010	Project Code: 176
File Location: \	Revision: 1.1	Description: Scheda Fuse TEX2000
Folder/File: /	Approve:	Part No.: SL176FU1001

SL176FU1001

Scheda fuse TEX2000 Revised: 24/05/2010  
 SL176FU1001 Revision: 1.1  
 TEX2000  
 176

Luca Gasperini

Item	Quantity	Reference	Part	(description)
1	8	C1, C2, C3, C4, C16, C17, C18, C19	4n7	Cond. ceramico multistrato p 5mm
2	3	C5, C10, C15	NC	Cond. ceramico p 5mm
3	4	C6, C7, C8, C9	100nF	Cond. ceramico multistrato p 5mm
4	4	C11, C12, C13, C14	NC	Cond. Elettr. Dia 13 P5.08
5	4	D1, D2, D3, D4	LED-G5	LED Verde dia. 5mm
6	22	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, FIX9, FIX10, FIX11, FIX12, FIX13, FIX14, FIX15, FIX16, FIX17, FIX18, FIX19, FIX20, FIX21, FIX22	FIX35	Foro fissaggio 3.5mm
7	5	PAD1, PAD2, PAD3, PAD4, PAD5	PAD	Pad a saldare 5x10 mm
8	4	PF1, PF2, PF3, PF4	PFS1038	Portafusibile 10x38
9	1	PF5	NC	Portafusibile 5x20
10	4	R1, R2, R3, R4	10K	Res. 1/4W
11	4			Fusibili 16 A 10x38
12	1	F1 (montare in C11, alto come le clips dei fusibili)	RXE400	Fusibile autoripristinante 400 mA
13	1	CS1	CSFU0191R1	Circuito stampato
14	1	R5	NC	Res. 1/4W
15	1	D5	NC	LED Verde dia. 5mm



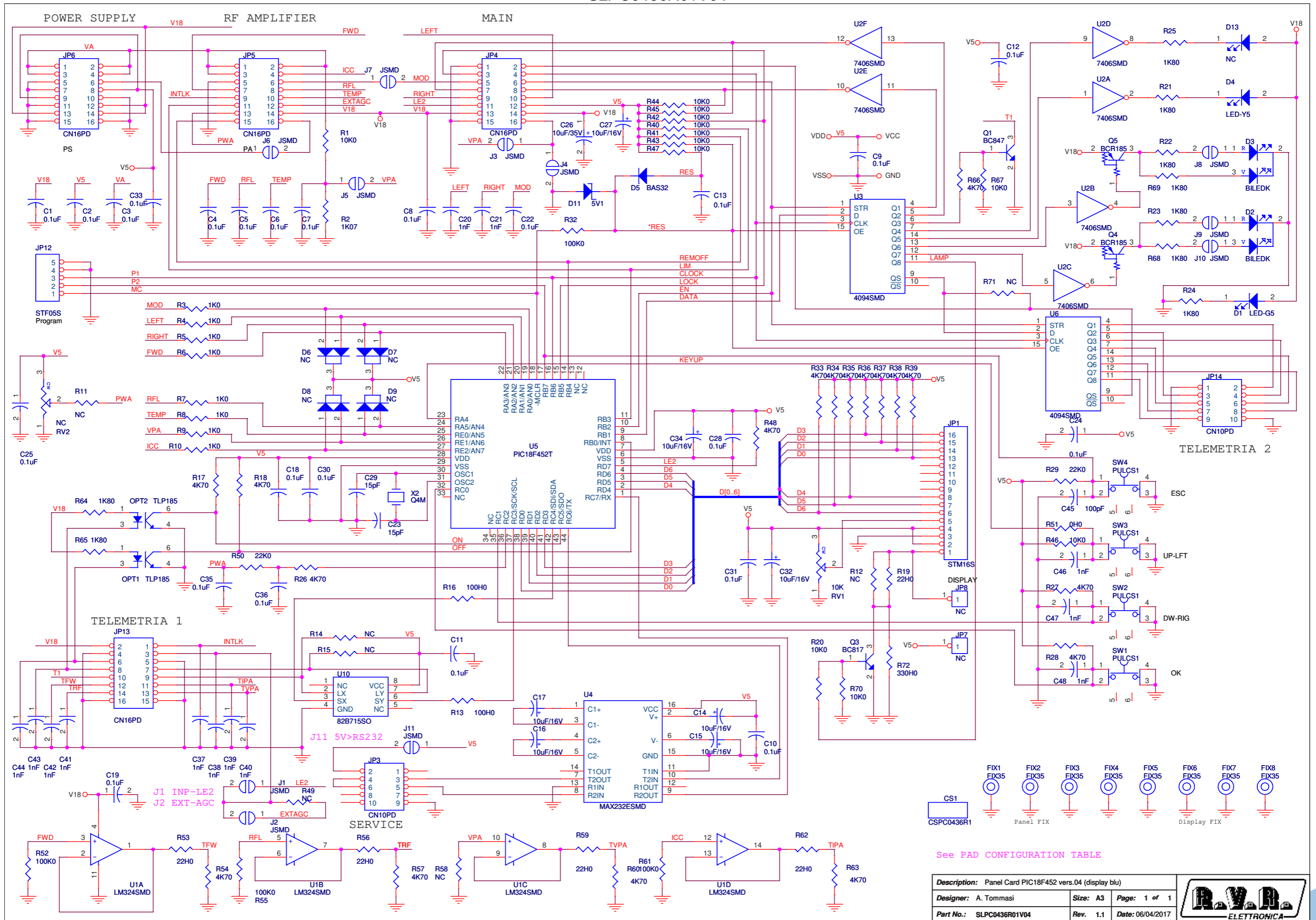
PRODUCT NAME : TEX-LCD, PJ-LCD, LINK, URP | PART NAME : SEM.SCH.PANEL CARD PIC18F452

DESIGNER : A. TOMMASI

DATE : 03/09/15 | REVISION : 1.0 | SCALE : 1:1 | SIZE : A4 | PAGE : 1 DI 1

ARCHIVING : "RVRUT" SERVER, "RILASCIATI" FOLDER | PROJECT CODE : <> | DOCUMENT CODE : SLPC0436R01V01

SLPC0436R01V04



See PAD CONFIGURATION TABLE

<b>Description:</b> Panel Card PIC18F452 vers.04 (display blu)		
<b>Designer:</b> A. Tommasi	<b>Size:</b> A3	<b>Page:</b> 1 of 1
<b>Part No.:</b> SLPC0436R01V04	<b>Rev.:</b> 1.1	<b>Date:</b> 06/04/2017

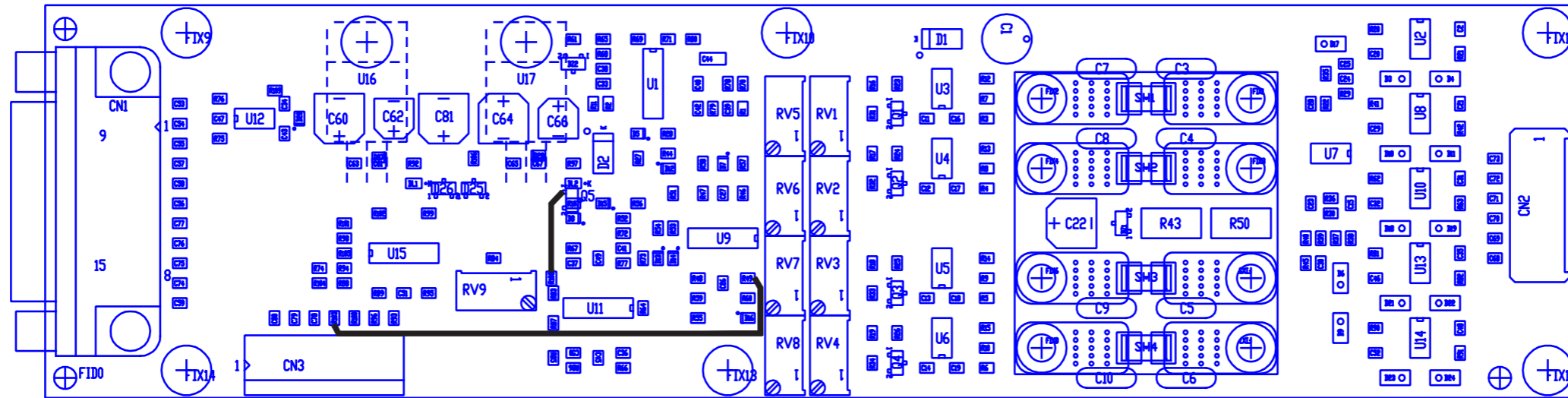


SLPC0436R01V04

Panel Card PIC18F452 vers.04 (display blu)  
 SLPC0436R01V04 Revision: 1.1  
 06/04/2017  
 A. Tommasi

Item	Quantity	Reference	Part	Description
1	1	CS1	CSPC0436R1	Circuito stampato
2	24	C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C18,C19,C22,C24,C25,C28,C30,C31,C33,C35,C36	0.1uF	Cond. SMD 0805
3	7	C14,C15,C16,C17,C27,C32,C34	10uF/16V	Cond. Elett. SMD d. 4mm
4	13	C20,C21,C37,C38,C39,C40,C41,C42,C43,C44,C46,C47,C48	1nF	Cond. SMD 0805
5	2	C23,C29	15pF	Cond. SMD 0805
6	1	C26	10uF/35V	Cond. Elett. SMD d. 5mm
7	1	C45	100pF	Cond. SMD 0805
8	1	D1	LED-G5	LED Verde dia. 5mm
9	2	D2,D3	BILEDK	Doppio led V-R 5mm Catodo com.
10	1	D4	LED-Y5	LED Giallo dia. 5mm
11	1	D5	BAS32	MINIMELF SMD Diode
12	4	D6,D7,D8,D9	NC	Doppio Diodo SMD SOT23
13	1	D11	5V1	MINIMELF SMD Zener Diode
14	1	D13	NC	LED Giallo dia. 5mm
15	8	FIX1,FIX2,FIX3,FIX4,FIX5,FIX6,FIX7,FIX8	FIX35	Foro fissaggio 3.5mm
16	1	JP1	STM16S	Strip femmina 16 pin
17	2	JP3,JP14	CN10PD	Connettore 10 poli Flat cs
18	4	JP4,JP5,JP6,JP13	CN16PD	Connettore 16 poli Flat cs
19	2	JP7,JP8	NC	Strip femmina 1 pin
20	1	JP12	STF05S	Strip femmina 5 pin
21	11	J1,J2,J3,J4,J5,J6,J7,J8,J9,J10,J11	JSMD	Pad SMD a saldare
22	2	OPT1,OPT2	TLP185	Optoisolatore SMD SO6
23	1	Q1	BC847	Trans. NPN SOT23
24	1	Q3	BC817	Trans. NPN SOT23
25	2	Q4,Q5	BCR185	Trans./Res. PNP SOT23
26	1	RV1	10K	Trimmer Rg V 3296W
27	1	RV2	NC	Trimmer Rg V 3296W
28	12	R1,R20,R40,R41,R42,R43,R44,R45,R46,R47,R67,R70	10K0	Res. SMD 0805 1%
29	1	R2	1K07	Res. SMD 0805 1%
30	8	R3,R4,R5,R6,R7,R8,R9,R10	1K0	Res. SMD 0805 1%
31	7	R11,R12,R14,R15,R49,R58,R71	NC	Res. SMD 0805 1%
32	2	R13,R16	100H0	Res. SMD 0805 1%
33	18	R17,R18,R26,R27,R28,R33,	4K70	Res. SMD 0805 1%

34	5	R19,R53,R56,R59,R62	22H0	Res. SMD 0805 1%
35	9	R21,R22,R23,R24,R25,R64,R65,R68,R69	1K80	Res. SMD 0805 1%
36	2	R29,R50	22K0	Res. SMD 0805 1%
37	4	R32,R52,R55,R61	100K0	Res. SMD 0805 1%
38	1	R51	0H0	Res. SMD 0805 1%
39	1	R72	330H0	Res. SMD 0805 1%
40	4	SW1,SW2,SW3,SW4	PULCS1	Pulsante cs
41	1	U1	LM324SMD	Quad Op. SMD SO14
42	1	U2	7406SMD	Hex inv OC SMD SO14
43	2	U3,U6	4094SMD	Shift Reg. SMD SO16
44	1	U4	MAX232ESMD	RS232 Driver SMD SO16
45	1	U5	PIC18F452T	TQFP44 SMD Microprocessor
46	1	U10	82B715SO	IIC Bus driver SMD SO8
47	1	X2	Q4M	Quarzo SMD HC49SMD



PRODUCT NAME : TEX3500

DESIGNER : L. GASPERINI

ARCHIVING : 'RVRUT' SERVER, 'RILASCIATI' FOLDER

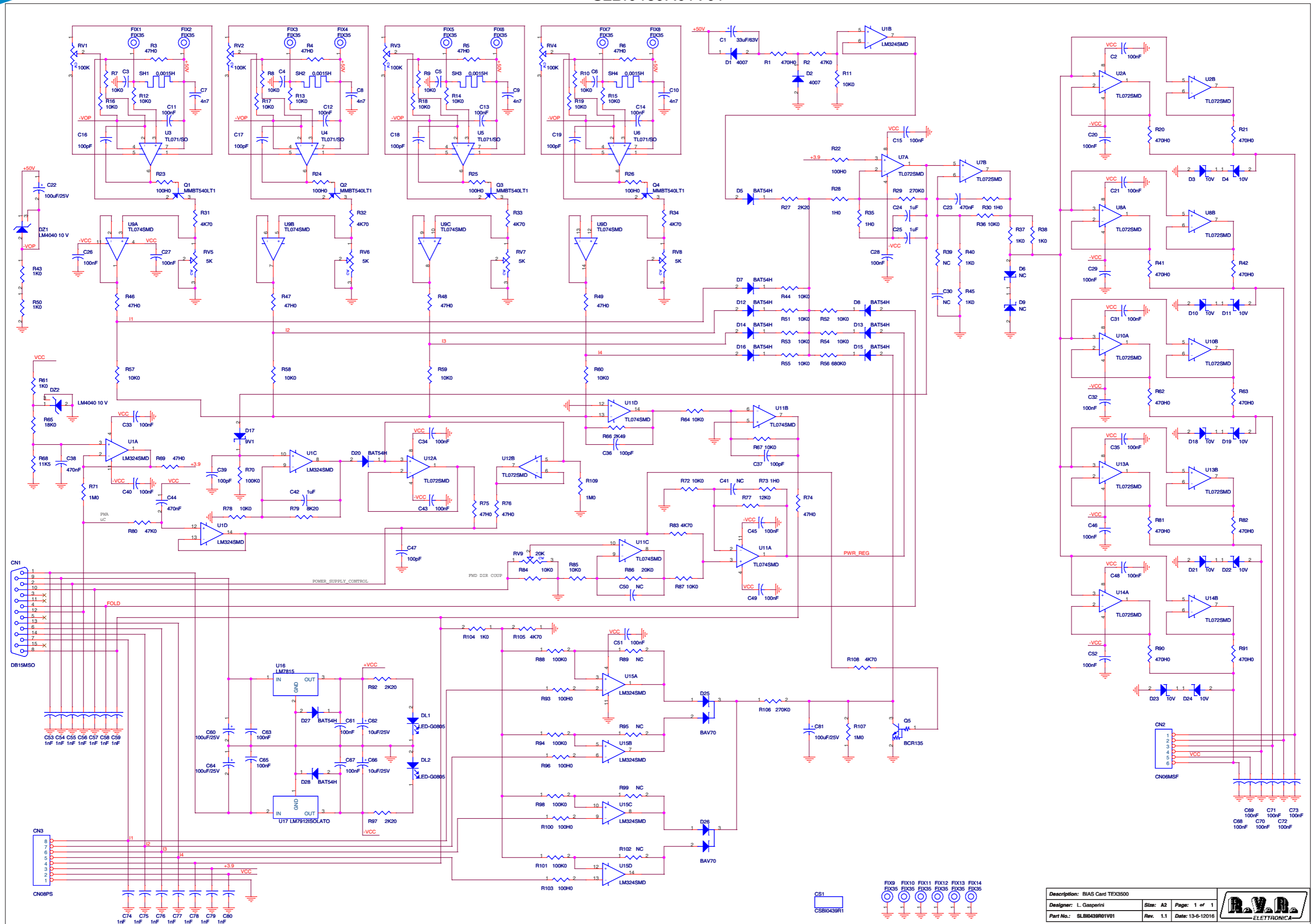
PART NAME : BIAS CARD

DATE : 13-6-2016 REVISION : 1.1 SCALE : 1:1 SIZE : A4 PAGE : 1 DI 1

PROJECT CODE : <> DOCUMENT CODE : SLBI0439R01V01



SLBI0439R01V01



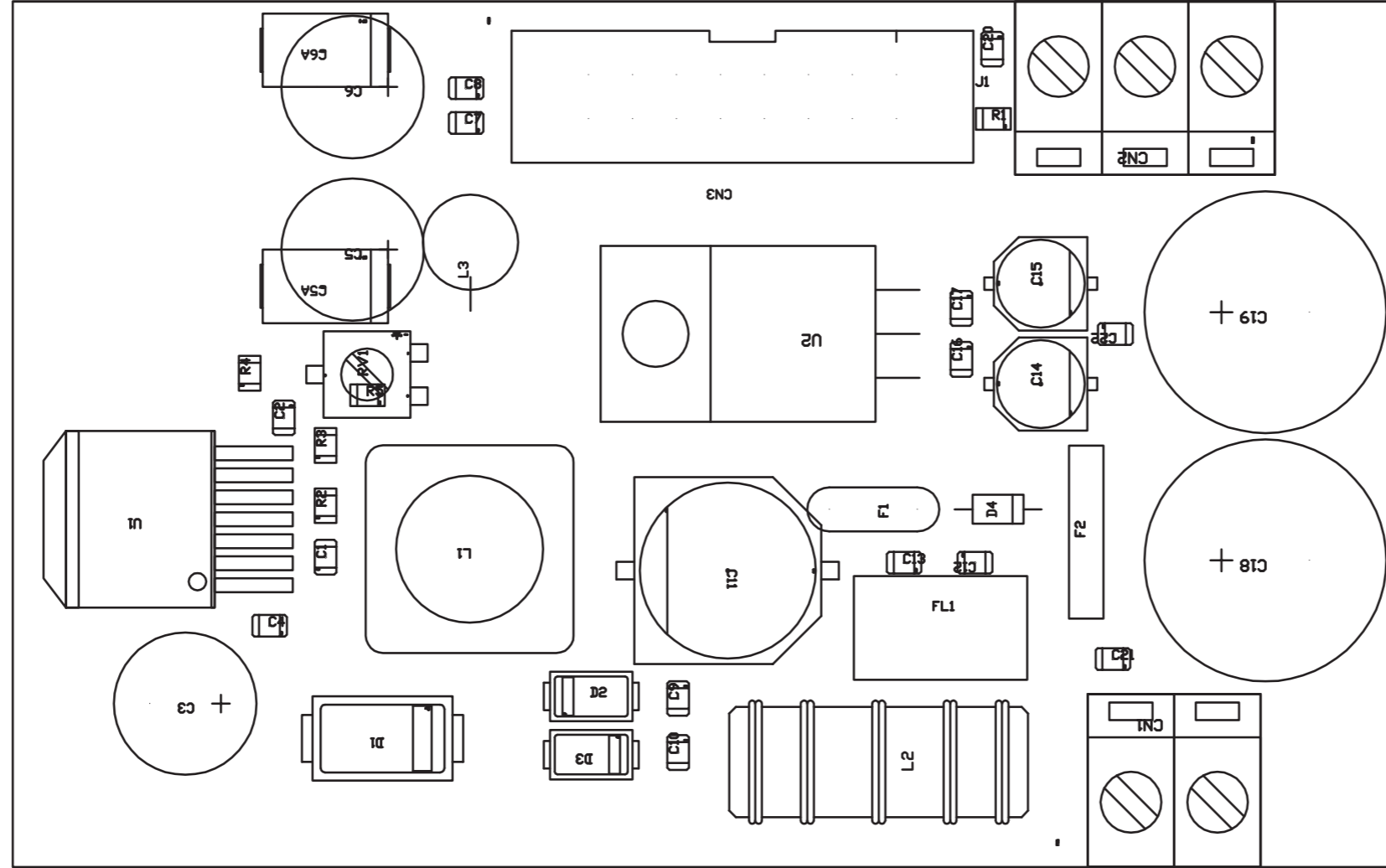
Description: BIAS Card TEX3500			
Designer: L. Gasperini	Size: A2	Page: 1 of 1	
Part No.: SLBI0439R01V01	Rev. 1.1	Date: 13-6-12016	



SLBI0439R01V01

BIAS Card TEX3500 Revised: Monday, June 13, 2016  
 SLBI0439R01V01 Revision: 1.1  
 L. Gasperini

Item	Quantity	Reference	Part	(description)
1	1	CN1	DB15MSO	Connettore DB15 mas. cs 90°
2	1	CN2	CN06MSF	Connettore 6 poli Lumberg p 2.5mm
3	1	CN3	CN08PS	STRIP MASCHIO 8 PIN
4	1	CS1	CSBI0439R1	Circuito stampato
5	1	C1	33uF/63V	Cond. Elettr. Dia 6.5 P2.54
6	35	C2, C11, C12, C13, C14, C15, C20, C21, C26, C27, C28, C29, C31, C32, C33, C34, C35, C40, C43, C45, C46, C48, C49, C51, C52, C61, C63, C65, C67, C68, C69, C70, C71, C72, C73	100nF	Cond. SMD 0805
7	8	C3, C4, C5, C6, C7, C8, C9, C10	4n7	Cond. ceramico multistrato p 5mm
8	8	C16, C17, C18, C19, C36, C37, C39, C47	100pF	Cond. SMD 0805
9	4	C22, C60, C64, C81	100uF/25V	Cond. Elettr. SMD d. 6.3mm
10	2	C38, C23	470nF	Cond. SMD 0805
11	3	C24, C25, C42	1uF	Cond. SMD 0805
12	3	C30, C41, C50	NC	Cond. SMD 0805
13	1	C44	470nF	Cond. SMD 1206
14	14	C53, C54, C55, C56, C57, C58, C59, C74, C75, C76, C77, C78, C79, C80	1nF	Cond. SMD 0805
15	2	C66, C62	10uF/25V	Cond. Elettr. SMD d. 6.3mm
16	2	DL1, DL2	LED-G0805	LED Verde SMD 0805
17	2	DZ1, DZ2	LM4040 10 V	Diodi Zener SMD SOT23
18	2	D2, D1	4007	MELF SMD Diode
19	10	D3, D4, D10, D11, D18, D19, D21, D22, D23, D24	10V	MINIMELF SMD Zener Diode
20	11	D5, D7, D8, D12, D13, D14, D15, D16, D20, D27, D28	BAT54H	SOD323 SMD Diode
21	2	D9, D6	NC	MINIMELF SMD Zener Diode
22	1	D17	9V1	MINIMELF SMD Zener Diode
23	2	D25, D26	BAV70	Doppio Diode SMD SOT23
24	14	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, FIX9, FIX10, FIX11, FIX12, FIX13, FIX14	FIX35	Foro fissaggio 3.5mm
25	4	Q1, Q2, Q3, Q4	MMBT540LT1	Trans. PNP SOT23
26	1	Q5	BCR135	Trans./Res. NPN SOT23
27	4	RV1, RV2, RV3, RV4	100K	Trimmer Rg V 3296W
28	4	RV5, RV6, RV7, RV8	5K	Trimmer Rg V 3296W
29	1	RV9	20K	Trimmer Rg V 3296W
30	11	R1, R20, R21, R41, R42, R62, R63, R81, R82, R90, R91	470H0	Res. SMD 0805
31	2	R80, R2	47K0	Res. SMD 0805
32	12	R3, R4, R5, R6, R46, R47, R48, R49, R69, R74, R75, R76	47H0	Res. SMD 0805
33	31	R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R36, R44, R51, R52, R53, R54, R55, R57, R58, R59, R60, R64, R67, R72, R78, R84, R85, R87, R22, R23, R24, R25, R26, R93, R96, R100, R103	100K0	Res. SMD 0805
34	9	R27, R92, R97	2K20	Res. SMD 0805
35	3	R28, R30, R35, R73	1H0	Res. SMD 0805
36	4	R29, R106	270K0	Res. SMD 0805
37	2	R31, R32, R33, R34, R83, R105, R108	4K70	Res. SMD 0805
38	7	R37, R38, R40, R45, R61, R104	1K0	Res. SMD 0805
39	6	R39, R89, R95, R99, R102	NC	Res. SMD 0805
40	5	R43, R50	1K0	Res. SMD 2512 1%
41	2	R56	680K0	Res. SMD 0805
42	1	R65	18K0	Res. SMD 0805
43	1	R66	2K49	Res. SMD 0805
44	1	R68	11K5	Res. SMD 0805
45	5	R70, R88, R94, R98, R101	100K0	Res. SMD 0805
46	3	R71, R107, R109	1M0	Res. SMD 0805
47	1	R77	12K0	Res. SMD 0805
48	1	R79	8K20	Res. SMD 0805
49	1	R86	20K0	Res. SMD 0805
50	4	SH1, SH2, SH3, SH4	0.0015H	Shunt SMD 2512
51	2	U1, U15	LM324SMD	Quad Op. SMD SO14
52	7	U2, U7, U8, U10, U12, U13, U14	TL072SMD	Dual Op. SMD SO8
53	4	U3, U4, U5, U6	TL071/SO	Dual Op. SMD SO8
54	2	U9, U11	TL074SMD	Quad Op. SMD SO14
55	1	U16	LM7815	Stabilizzatore TO220
56	1	U17	LM7912ISOLATO	Stabilizzatore TO220



NOME PROGETTO: TEX1002LCD

AUTORE: L. GASPERINI

ARCHIVIAZIONE ELETTRONICA: "CARTELLA RILASCIATI" SU "RVRUT"

MATERIALE: <>

NOME PARTE: INTERFACCIA ALIMENTAZIONE

DATA: 04-06-2015

REVISIONE: 1.0

SCALA: 2:1

SIZE: A4

PAGINA: 1 DI 1

CODICE PROGETTO: 241

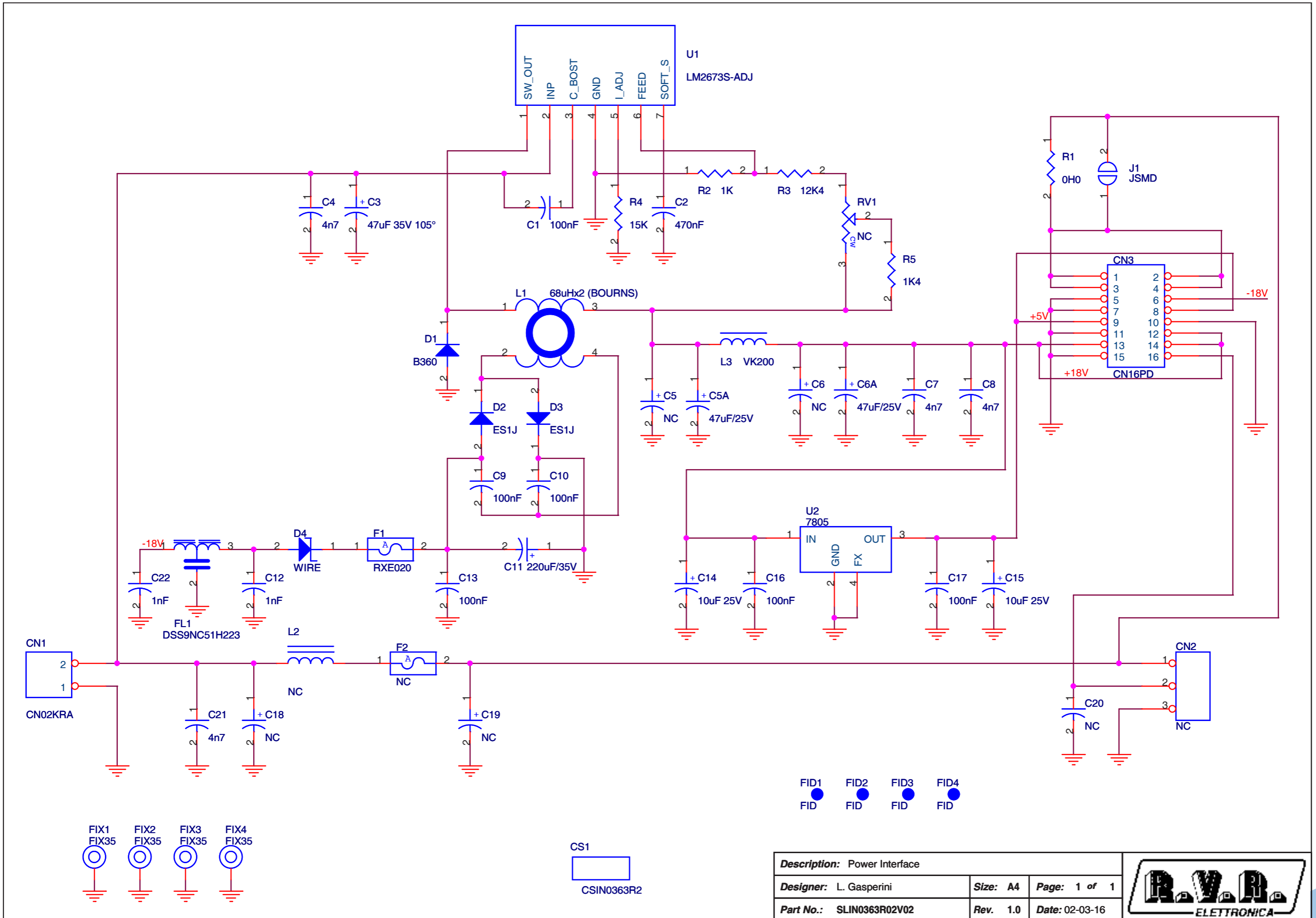
CODICE DISEGNO: SLIN0363R02V01

STATO: ESECUTIVO

TRATTAMENTO: <>

PROFILO: <>

SLIN0363R02V02



<b>Description:</b> Power Interface		
<b>Designer:</b> L. Gasperini	<b>Size:</b> A4	<b>Page:</b> 1 of 1
<b>Part No.:</b> SLIN0363R02V02	<b>Rev.</b> 1.0	<b>Date:</b> 02-03-16

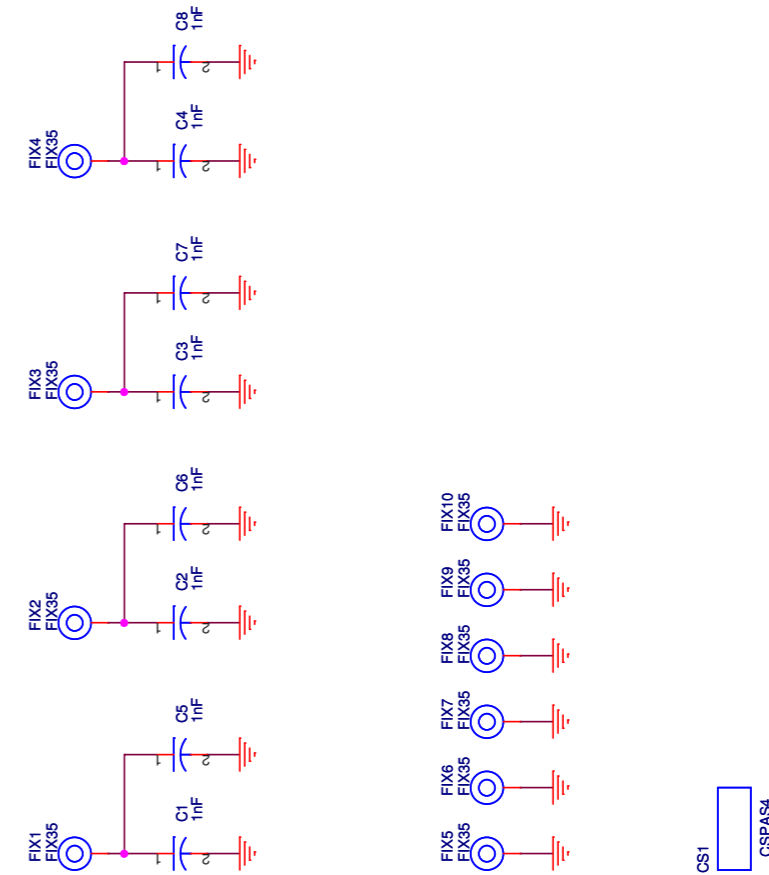
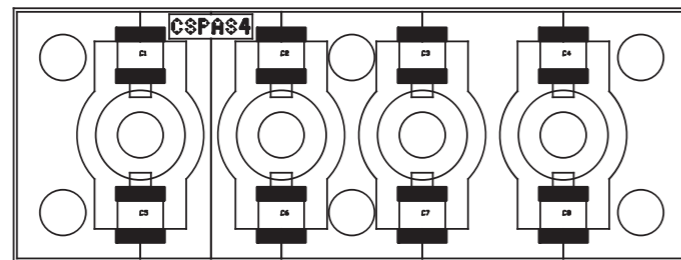


SLIN0363R02V02

Power Interface Revised: 2-03-2016  
 SLIN0363R02V02 Revision: 1.0  
 Luca Gasperini

Item	Quantity	Reference	Part	(DESCRIPTION)
1	1	CN1	CN02KRA	Conn. tipo KRA a 2 poli
2	1	CN2	NC	Conn. tipo KRA a 3 poli
3	1	CS1	CSIN0363R2	Circuito stampato
4	6	C1, C9, C10, C13, C16, C17	100nF	Cond. SMD 0805
5	1	C2	470nF	Cond. SMD 0805
6	1	C3	47uF 35V 105°	Cond. Elettr. Dia 10 P5.08
7	4	C4, C7, C8, C21	4n7	Cond. SMD 0805
8	1	C11	220uF/35V	Cond. Elett. SMD d. 10mm
9	2	C14, C15	10uF 25V	Cond. Elett. SMD d. 5mm
10	2	C19, C18	NC	Cond. Elettr. Dia 13 P5.08
11	1	D1	B360	MELF SMD Diode
12	2	D3, D2	ES1J	MELF SMD Diode
13	1	D4	WIRE	
14	4	FID1, FID2, FID3, FID4	FID	Fiducial CS
15	4	FIX1, FIX2, FIX3, FIX4	FIX35	Foro fissaggio 3.5mm
16	1	F1	RXE020	Fusibile autorip. 4 mm
17	1	F2	NC	Fusibile autorip. 10 mm
18	1	CN3	CN16PD	Conn.M.C.S.Dritto 16P alette.
19	1	L1	68uHx2 (BOURNS)	Ind. toroidale modo comune
20	1	L2	NC	Induttanza toroidale
21	1	RV1	NC	Trimmer SMD
22	1	R1	NC	Res. SMD 0805
23	1	R2	1K	Res. SMD 0805
24	1	R3	12K4	Res. SMD 0805
25	1	R4	15K	Res. SMD 0805
26	1	R5	1K4	Res. SMD 0805
27	1	U1	LM2673S-ADJ	Regolatore switching DDPAK
28	1	U2	7805	Stabilizzatore TO220F Isolato
29	2	C12, C22	1nF	Cond. SMD 0805
30	1	L3	VK200	Ind. VK200
31	2	C5A, C6A	47uF 25V	Cond. Tant. CASE D
32	1	FL1	DSS9	Filt EMI DSS9
33	1	C20	NC	Cond. SMD 0805

SLFIPAS4R01V01



Description: PASS THROUGH FILTER	
Designer: G. DE DONNO	Size: A4
Part No.: SLFIPAS4R01V01	Page: 1 of 1
Rev. 1.0	Date: 02/10/2017

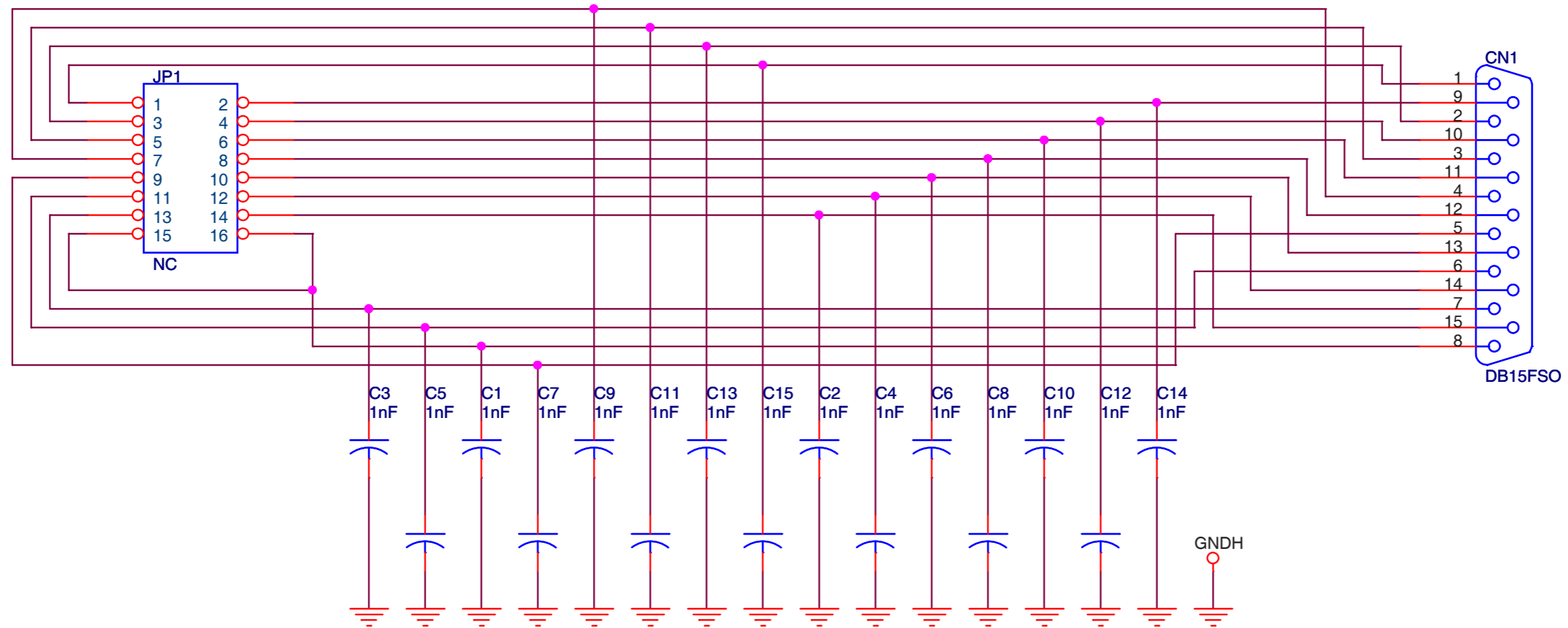
	PRODUCT NAME : TEX-LCD	PART NAME : PASS THROUGH FILTER			
	DESIGNER : G. DE DONNO	DATE : 02/10/17	REVISION : 1.0	SCALE : 2:1	SIZE : A4
ARCHIVING : 'RVTRUT' SERVER, 'RILASCIATI' FOLDER	PROJECT CODE : <	DOCUMENT CODE : SLFIPAS4R01V01			


SLFIPAS4R01V01

PASS THROUGH FILTER Revised: 02/10/2017  
 SLFIPAS4R01V01 Revision: 1.0  
 G. DE DONNO

Item	Quantity	Reference	Part
1	1	CS1	CSPAS4 Circuito stampato
2	8	C1, C2, C3, C4, C5, C6, C7, C8	1nF Cond. SMD 1212 HQ
3	16	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8, FIX9, FIX10	FIX35 Foro fissaggio 3.5mm

SLDB15FFILF2A



<b>Description:</b> Filtered DB15 Connector			
<b>Designer:</b> L. Gasperini	<b>Size:</b> A	<b>Page:</b> 1 of 1	
<b>Part No.:</b> SLDB15FFILF2A	<b>Rev.</b> 1.0	<b>Date:</b> 24/03/2016	

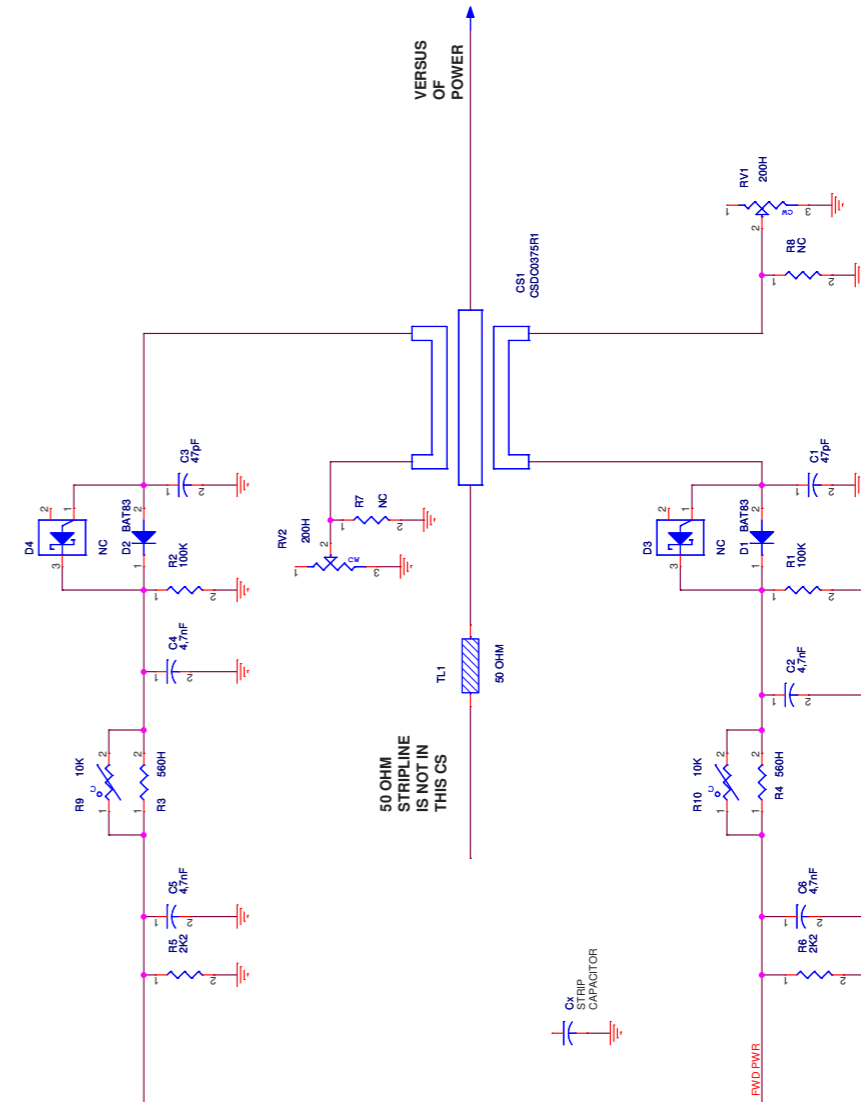
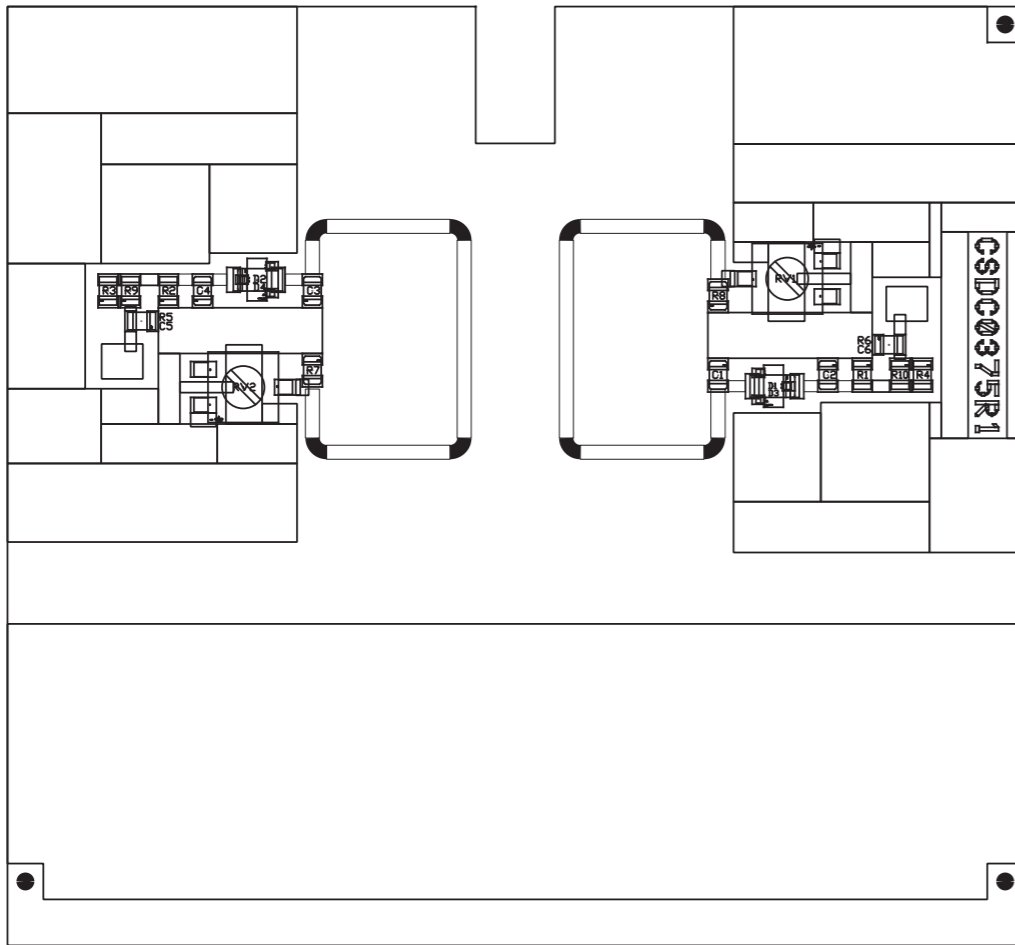
SLDB15FFILF2A

Filtered DB15 Connector Revised: Thursday, March 24, 2016  
SLDB15FFILF2A Revision: 1.0  
L. Gasperini

Item	Quantity	Reference	Part	{description}
1	1	CN1	DB15FSO	Connettore femmina DB15 CS 90° CNTDB15FCSA
2	15	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15	1nF	CCC085102JNC
3	1	JP1	NC	



SLDC0375R01V01



Description: Directional Coupler  
 Designer: Franceschi A.  
 Part No.: SLDC0375R01V01  
 Size: A3 Page: 1 of 1  
 Rev. 1.2 Date: 08/10/2019

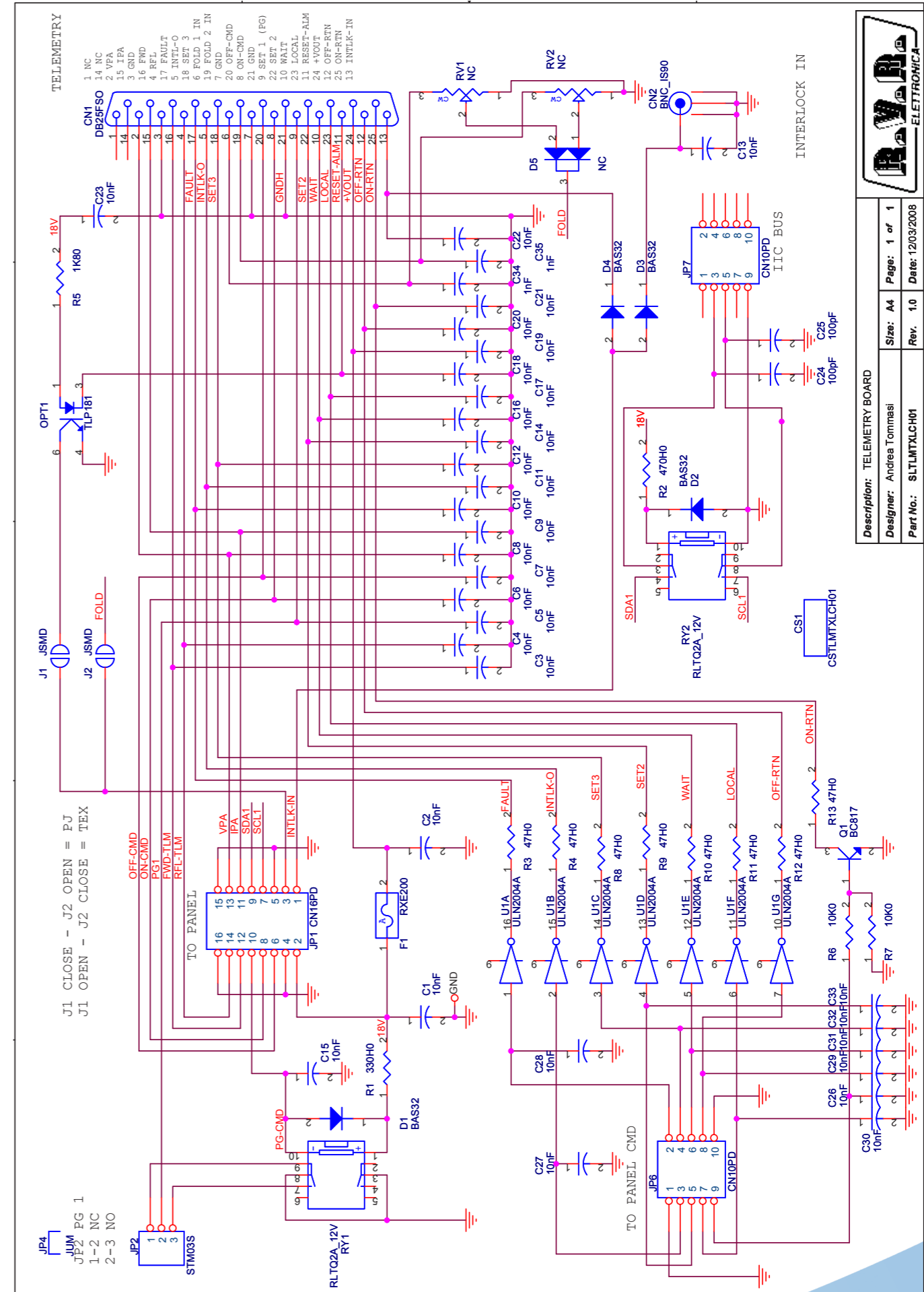
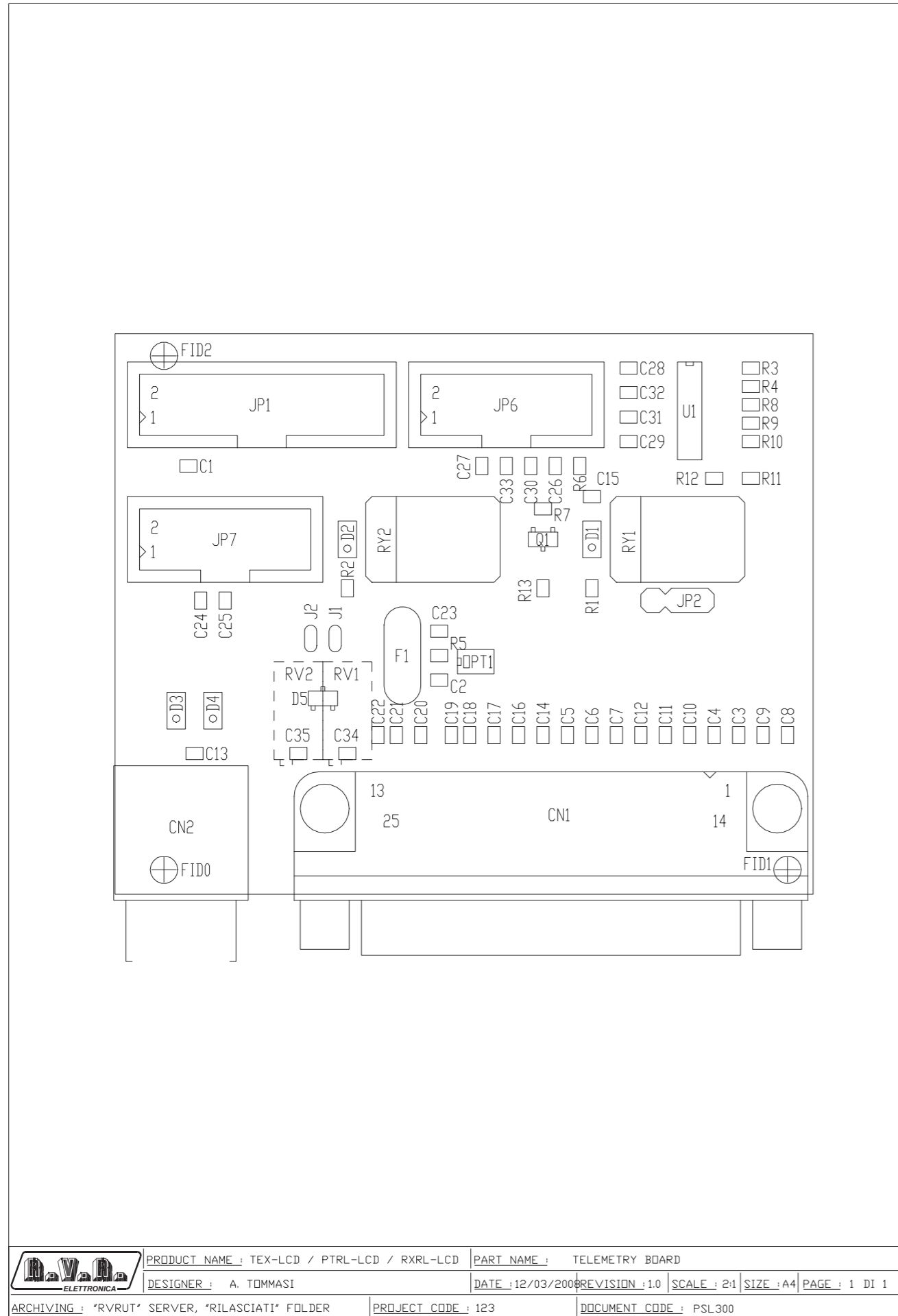
	PRODUCT NAME : TEX-LCD GREEN LINE	PART NAME : DIRECTIONAL COUPLER			
	DESIGNER : FRANCESCHI A.	DATE : 03/10/19	REVISION : 1.2	SCALE : 2:1	SIZE : A4
ARCHIVING : *RVRUT* SERVER, *RILASCIATI* FOLDER	PROJECT CODE : <	DOCUMENT CODE : SLDC0375R01V**			

SLDC0375R01V01

DIRECTIONAL COUPLER Revised: 03/10/2019  
 SLDC0375R01V01 Revision: 1.2  
 Franceschi A.

Item	Quantity	Reference	Part	{description}
1	1	CS1	CSDC0375R1	
2	1	Cx	27pFTFL	
3	2	C3, C1	47pF	Cond. SMD 0805
4	4	C2, C4, C5, C6	4,7nF	Cond. SMD 0805
5	2	D3, D4	NC	
6	2	D1, D2	BAT83	MINIMELF Diode
7	2	RV2, RV1	200H	Trimmer SMD
8	2	R1, R2	100K	Res. SMD 0805
9	2	R3, R4	560H	Res. SMD 0805
10	2	R5, R6	2K2	Res. SMD 0805
11	2	R9, R10	10K	Res. NTC SMD 0805
12	2	R7, R8	NC	Res. SMD 0805
13	1	TL1	50 OHM	Linea strip CS

SLTLMTXLCH01

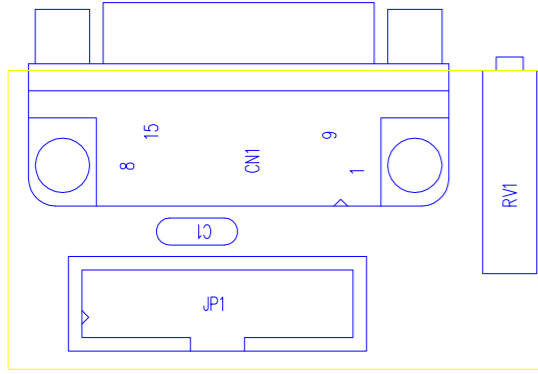


SLTLMTXLCH01

TELEMETRY BOARD Revised: 12/03/2008  
 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

SLIN0380R01V01



DATA RILASCIO:

REV: 03

DIM.SCHEDA: VEDI QUOTE  
TRATT: STANDARD COSTRUTTORE

MAT: FR4-74 1.6mm Cu 35um  
VISTA POSITIVA

DIS. S.POL.  
CTR. A2

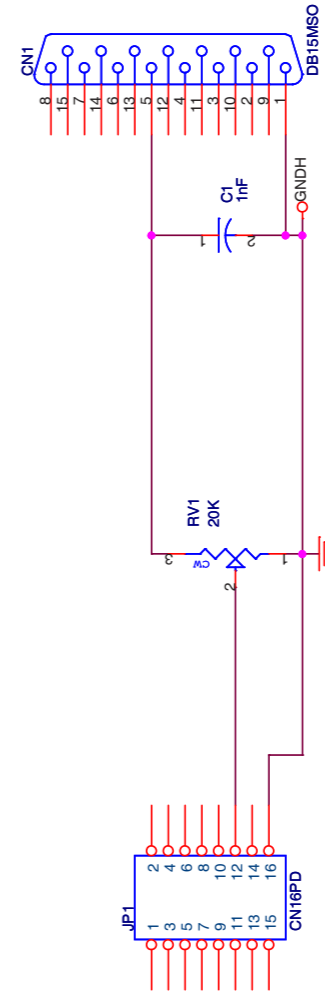
LATO PIANO DI MONTAGGIO  
VISTA LATO COMPONENTI

DENOMINAZIONE

CODICE  
SLIN0380R01V01

RVR ELETTRONICA S.P.A.

SCALA 1:1



Project Name: PJ Green Line		Page: 1 of 1	Size: A4
Designer: Tommasi	Date: 08/04/2021	Project Code: RVR237	
File Location: \\Rvrut\file\slat\	Revision: 1.0	Description: Scheda com-bus	
Folder/File: /	Approval:	Part No.: SLIN0380R01V01	

SLTLMTXLCH01

Schedsa com-bus Revised: Wednesday, November 28, 2012

SLIN0380R01V01 Revision: 1.0

A. Tommasi

PJ Green Line

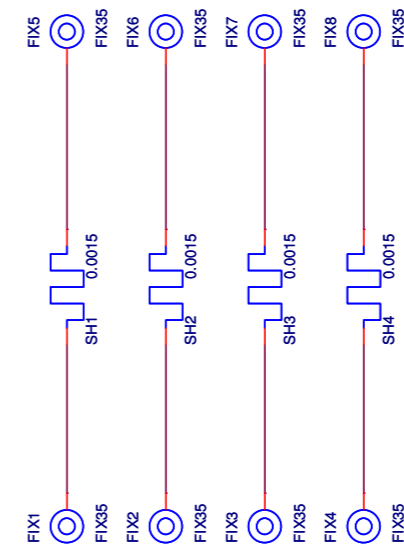
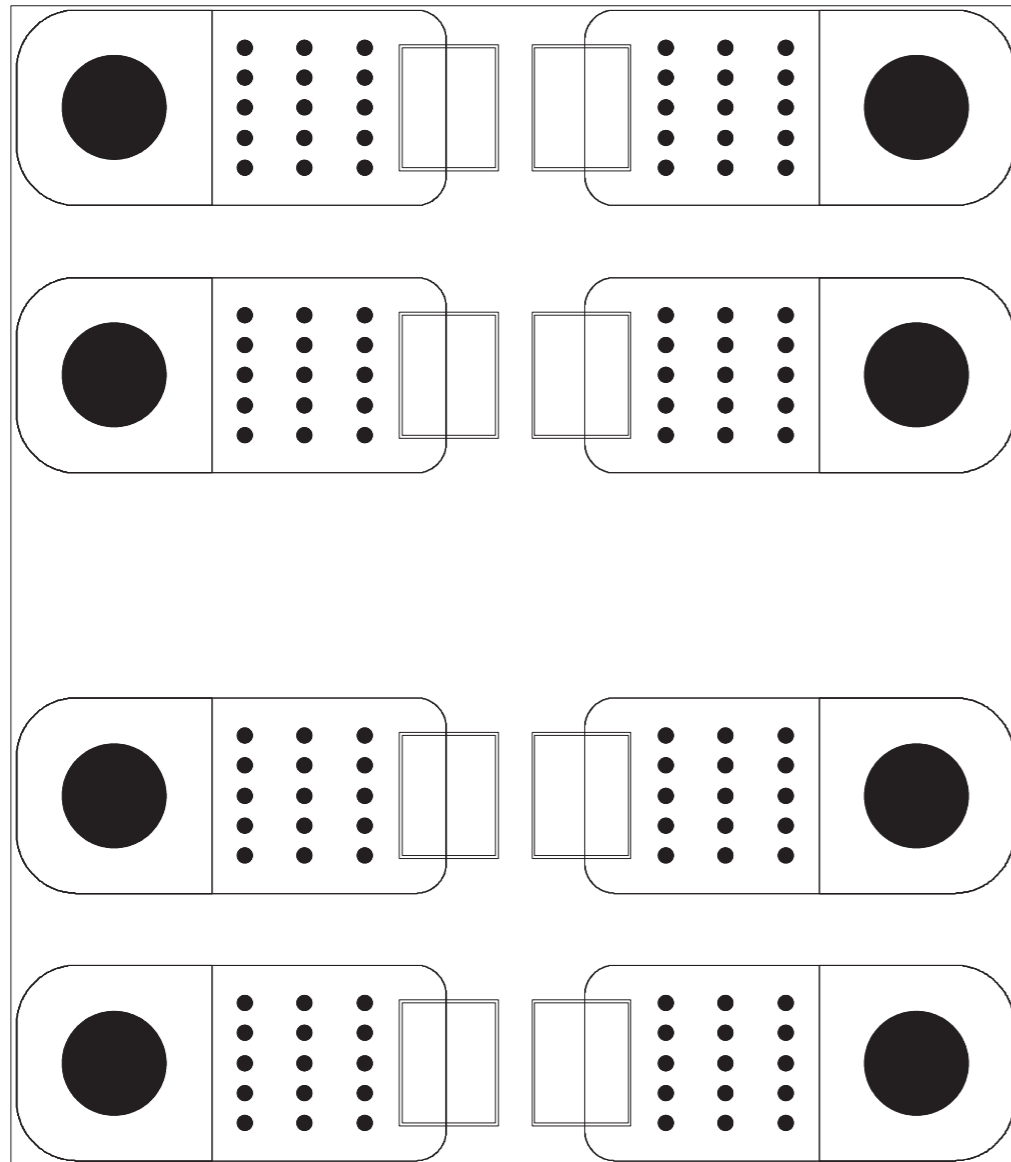
RVR237

Item	Quantity	Reference	Part	Description	Code
1	1	CN1	DB15MSO	Connettore DB15 mas. cs 90°	CNTDB15MCSA
2	1	CS1	CSIN0380R1	Circuito stampato	CSIN0380R1
3	1	C1	1nF	Cond. ceramico p 5mm	CKM102KC600P
4	1	JP1	CN16PD	Conn.M.C.S.Dritto 16P alette.	CNTMCS16A
5	1	RV1	20K	Trimmer Rg H 3006	RVT3006PK020

SLBI0481R01V01



Description: Ipa measure Shunt board	
Designer: Tommasi A.	Size: A4
Part No.: SLBI0481R01V01	Page: 1 of 1
	Rev. 1.0
	Date: 06/03/2018



SLBI0481R01V01

Ipa measure Shunt board Revised: Tuesday, March 06, 2018  
 SLBI0481R01V01 Revision: 1.0  
 Tommasi A.

Item	Quantity	Reference	Part
1	8	FIX1, FIX2, FIX3, FIX4, FIX5, FIX6, FIX7, FIX8	FIX35
2	4	SH1, SH2, SH3, SH4	0.0015
3	1	CS1	CSBI0481R1