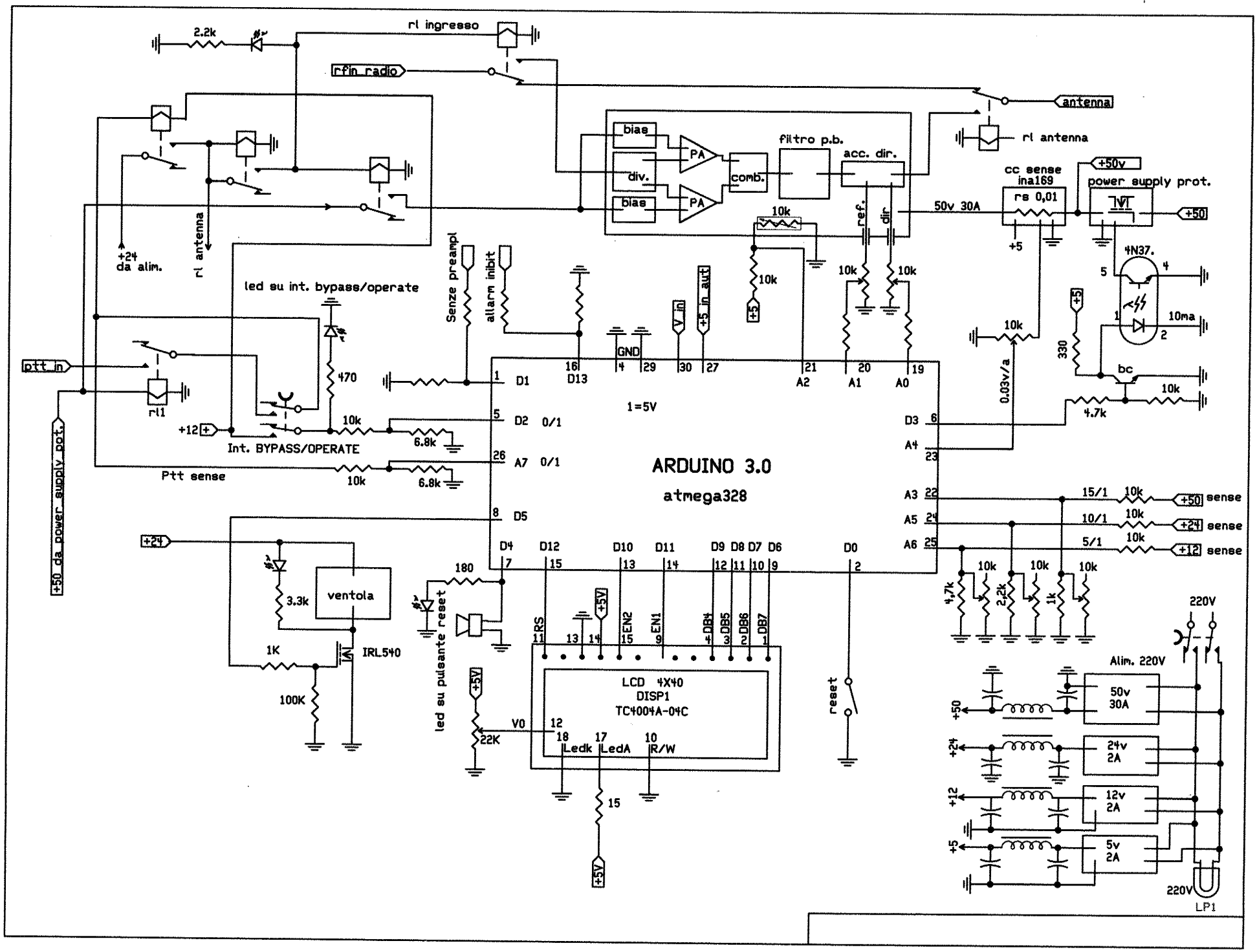
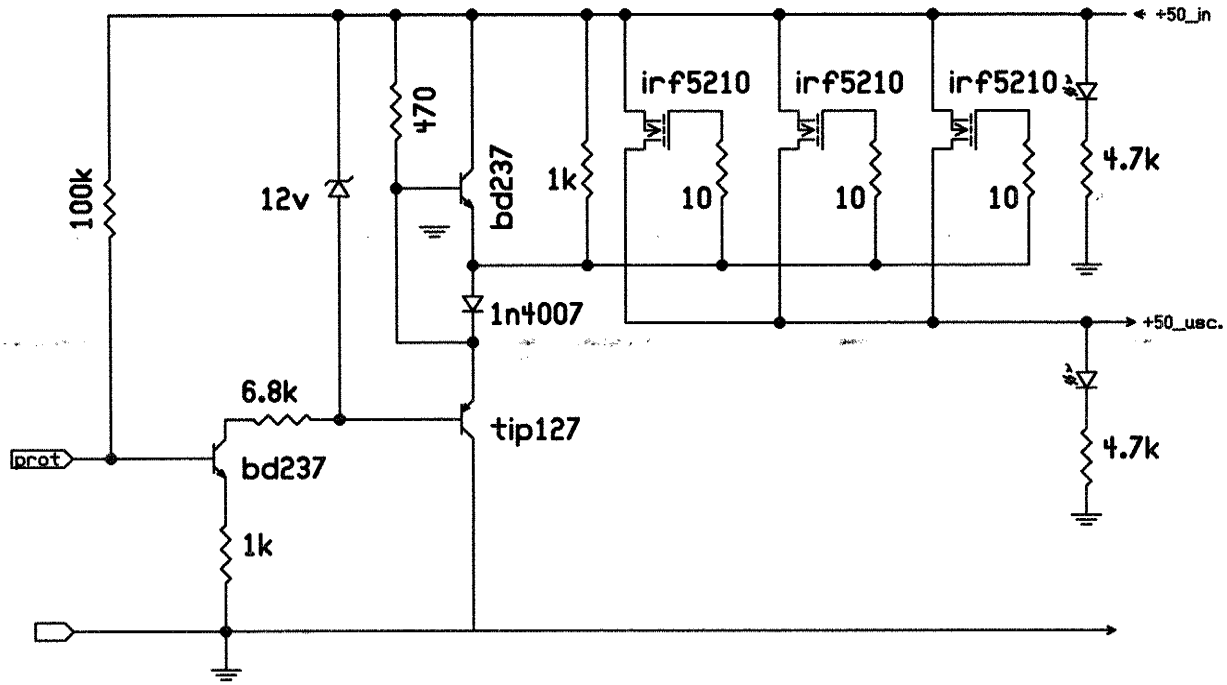
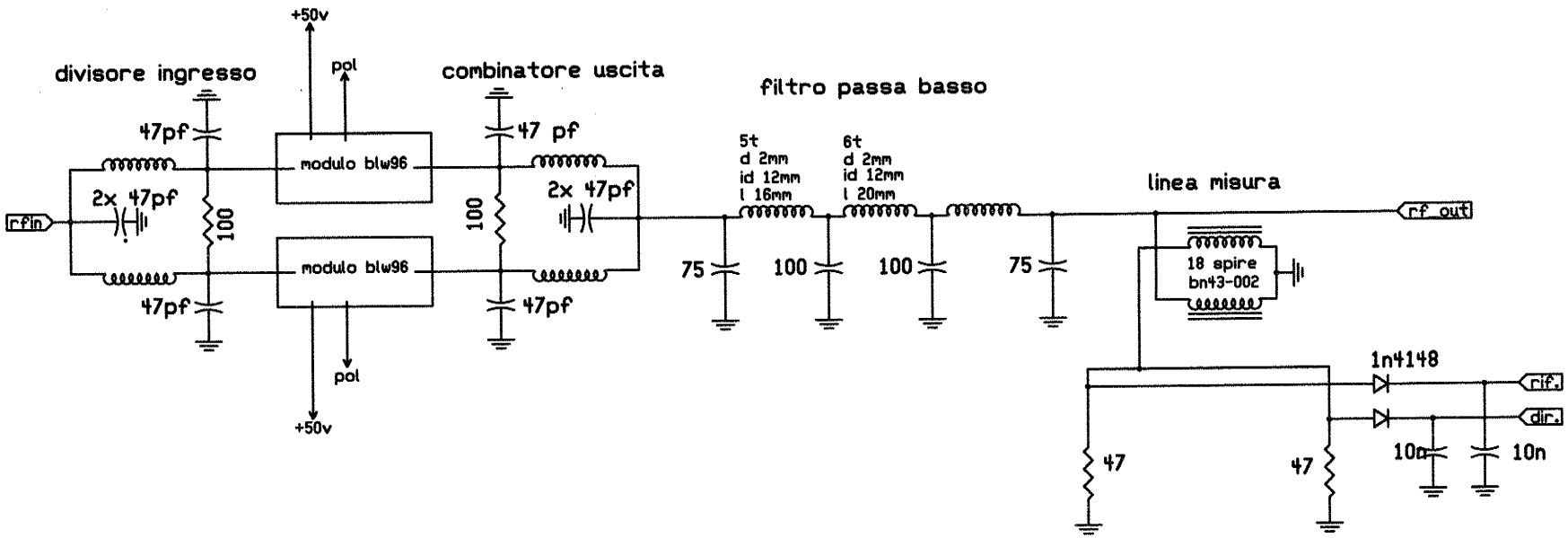
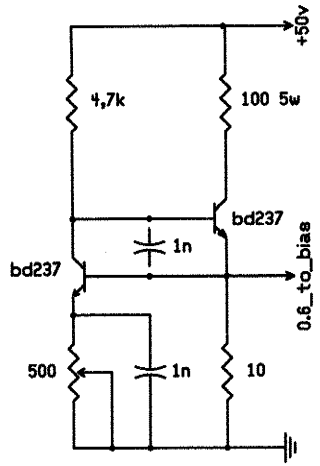

2.2k
rl ingresso
rfin radio
antenna
rl antenna
biae
div.
biae
PA
PA
comb.
filtro p.b.
acc. dir.
ref.
dir
50v 30A
cc sense
ina169
rs 0,01
+50v
power supply prot.
+50
+24
da alim.
rl antenna
led su int. bypass/operate
Senze preampl
allarm inibit
GND
V in
+5 in aut
10k
4N37.
10ma
330
bc
4.7k
ptt in
rl1
470
+12
Int. BYPASS/OPERATE
Ptt sense
10k
6.8k
+50 da power supply pot.
D1
D2 0/1
A7 0/1
D5
D13
A2
A1
A0
D3
A4
A3
A5
A6
D0
1=5V
0.03v/a
ARDUINO 3.0
atmega328
15/1
10/1
5/1
sense
+24
ventola
3.3k
1K
IRL540
100K
180
led su pulsante reset
D4
D12
D10
D11
D9
D8
D7
D6
RS
EN2
EN1
DB4
DB5
DB6
DB7
LCD 4X40
DISP1
TC4004A-04C
V0
22K
Ledk
LedA
R/W
reset
4,7k
2,2k
1k
Alim. 220V
50v
30A
24v
2A
12v
2A
5v
2A
220V
LP1

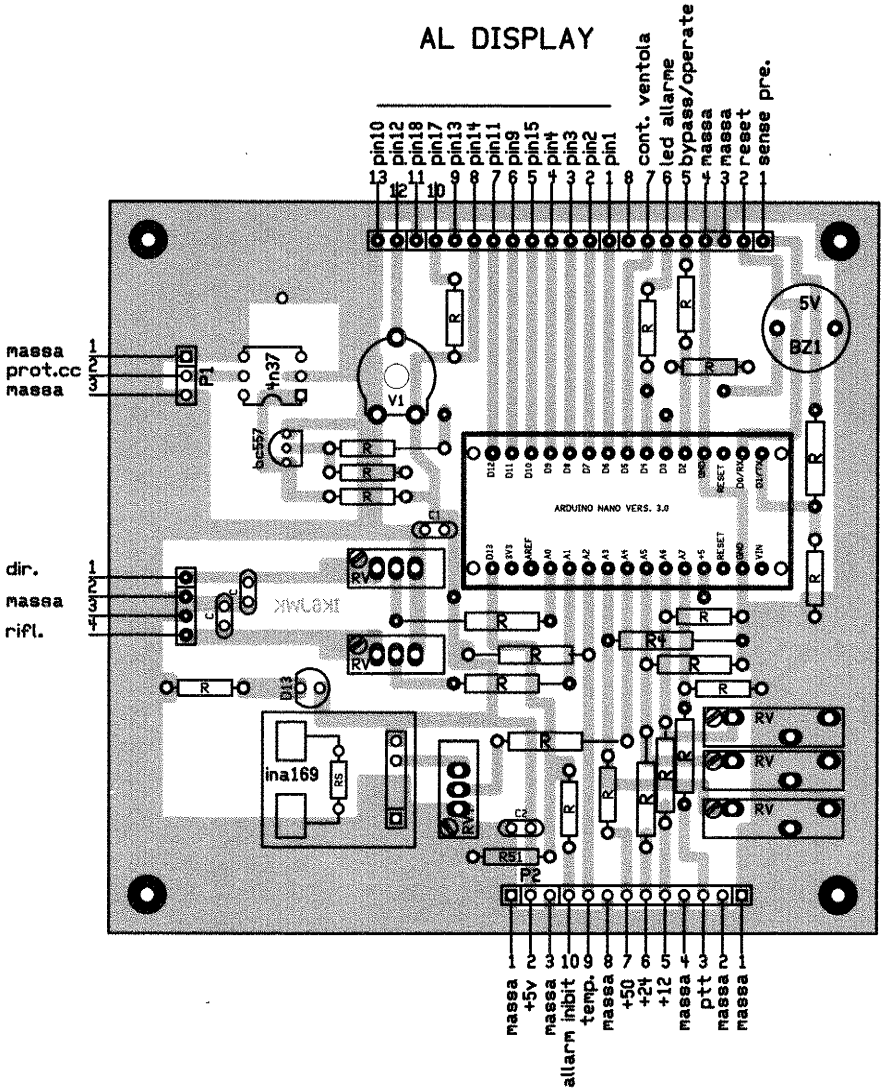


Power supply protector

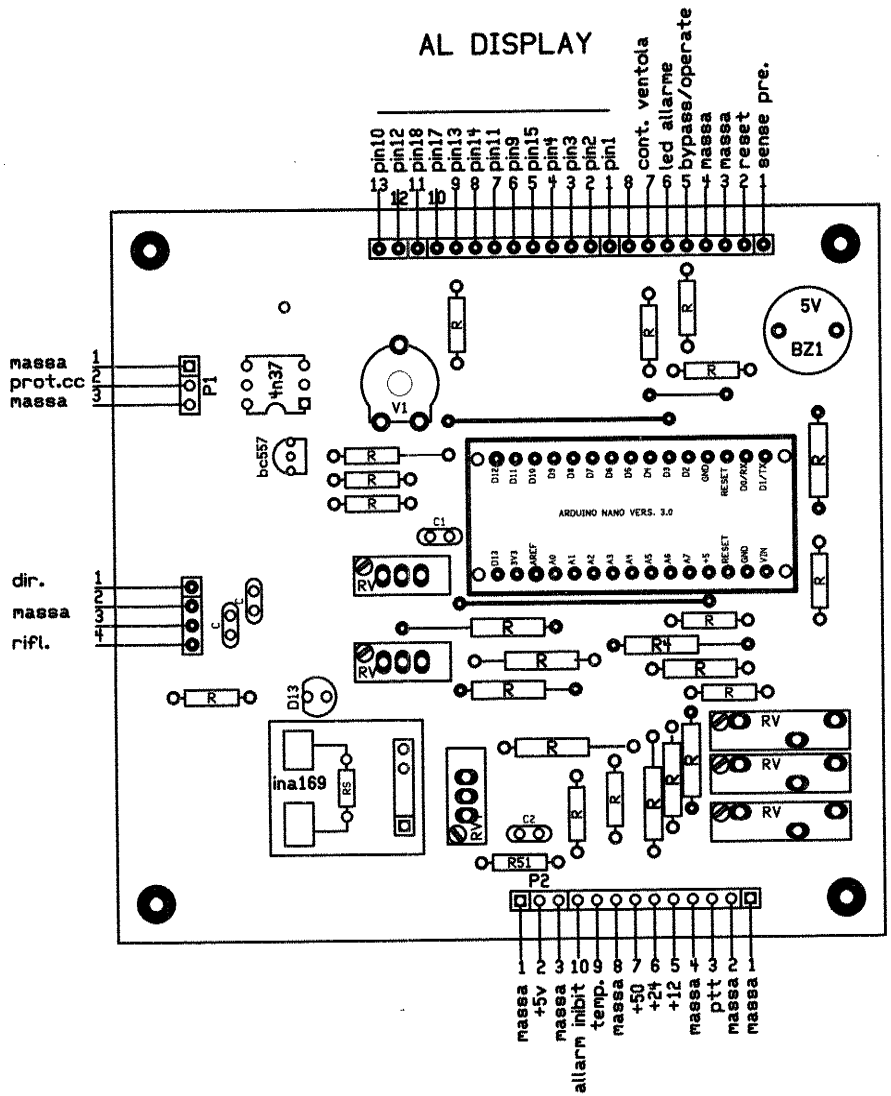


Polarizzazione

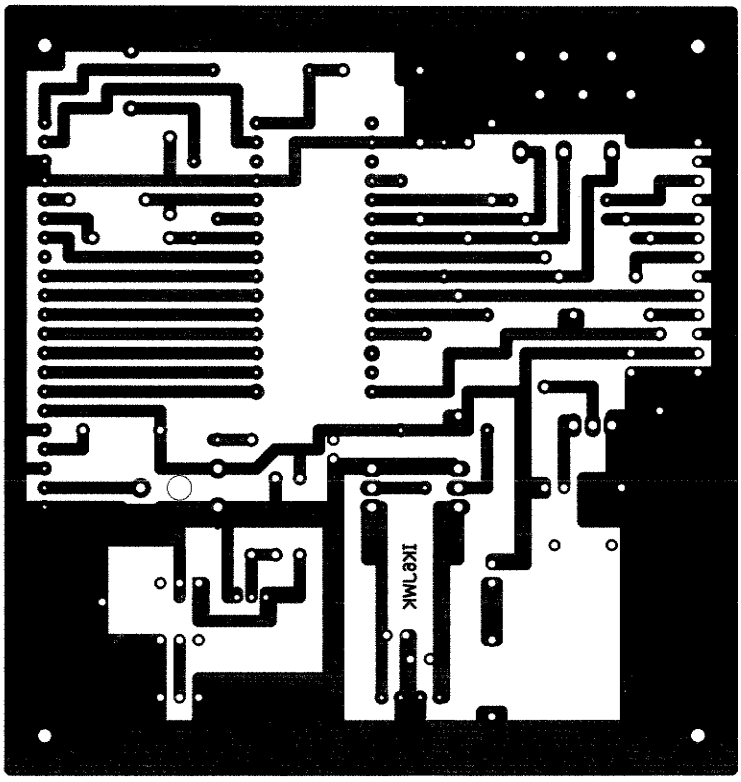


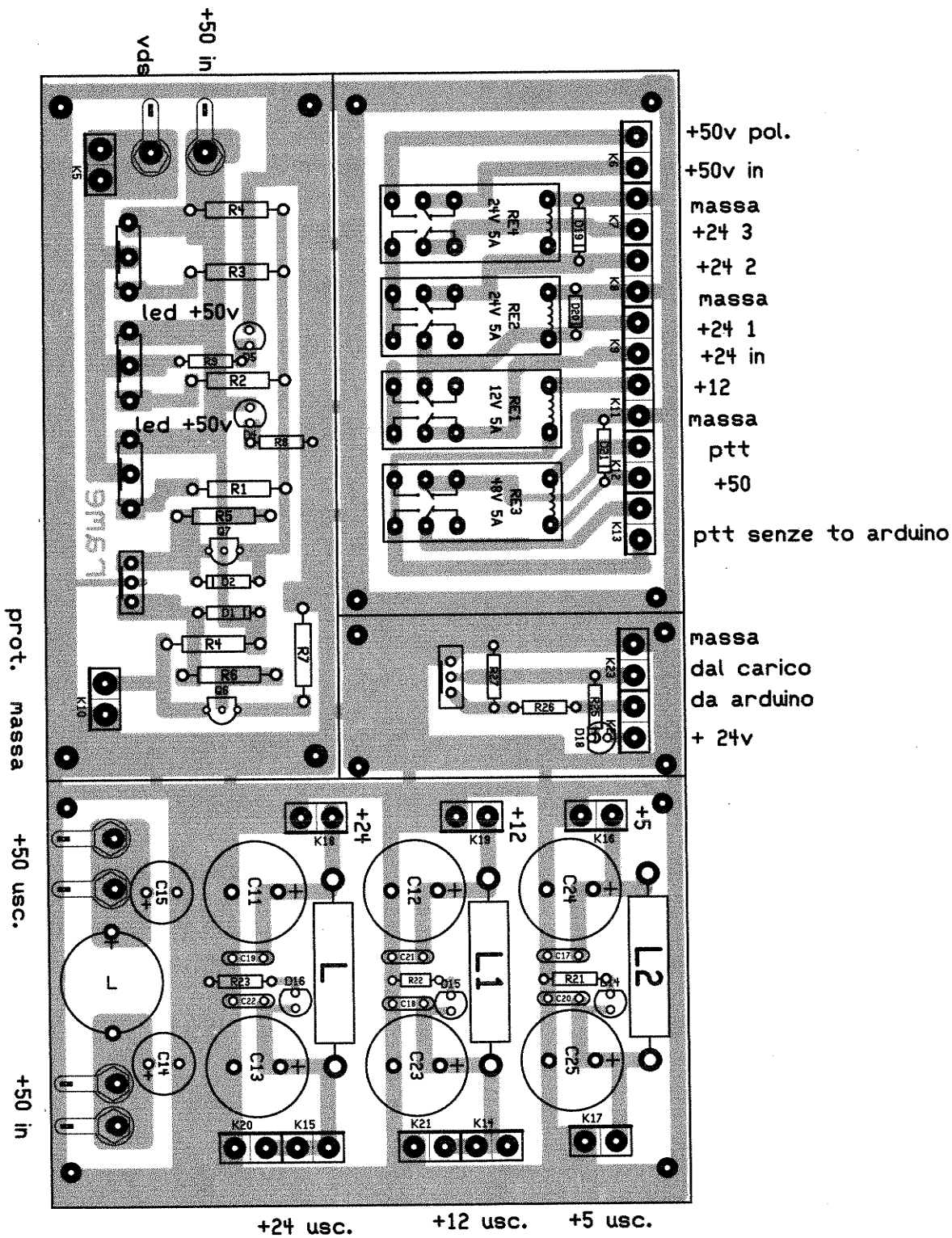


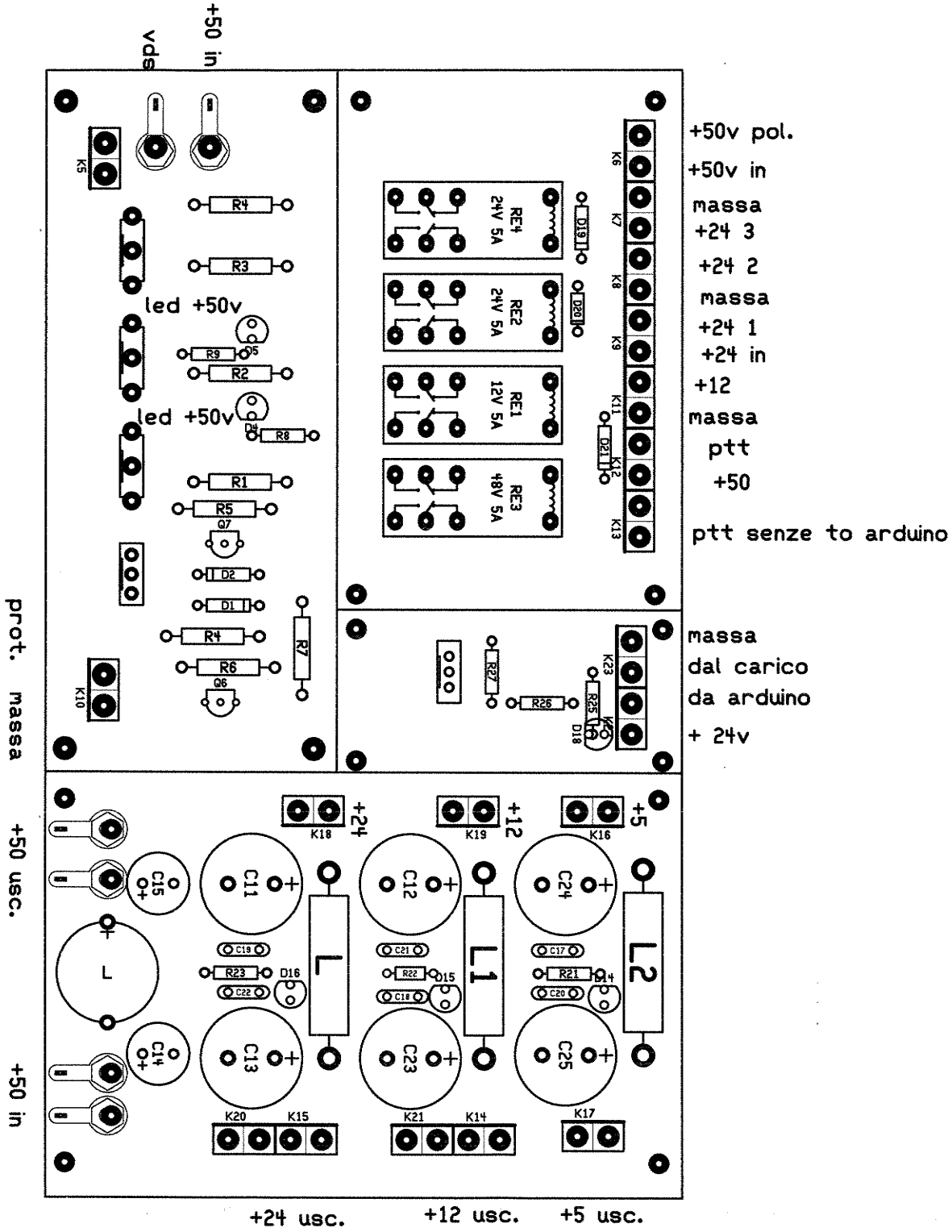
scheda con arduino 3.0

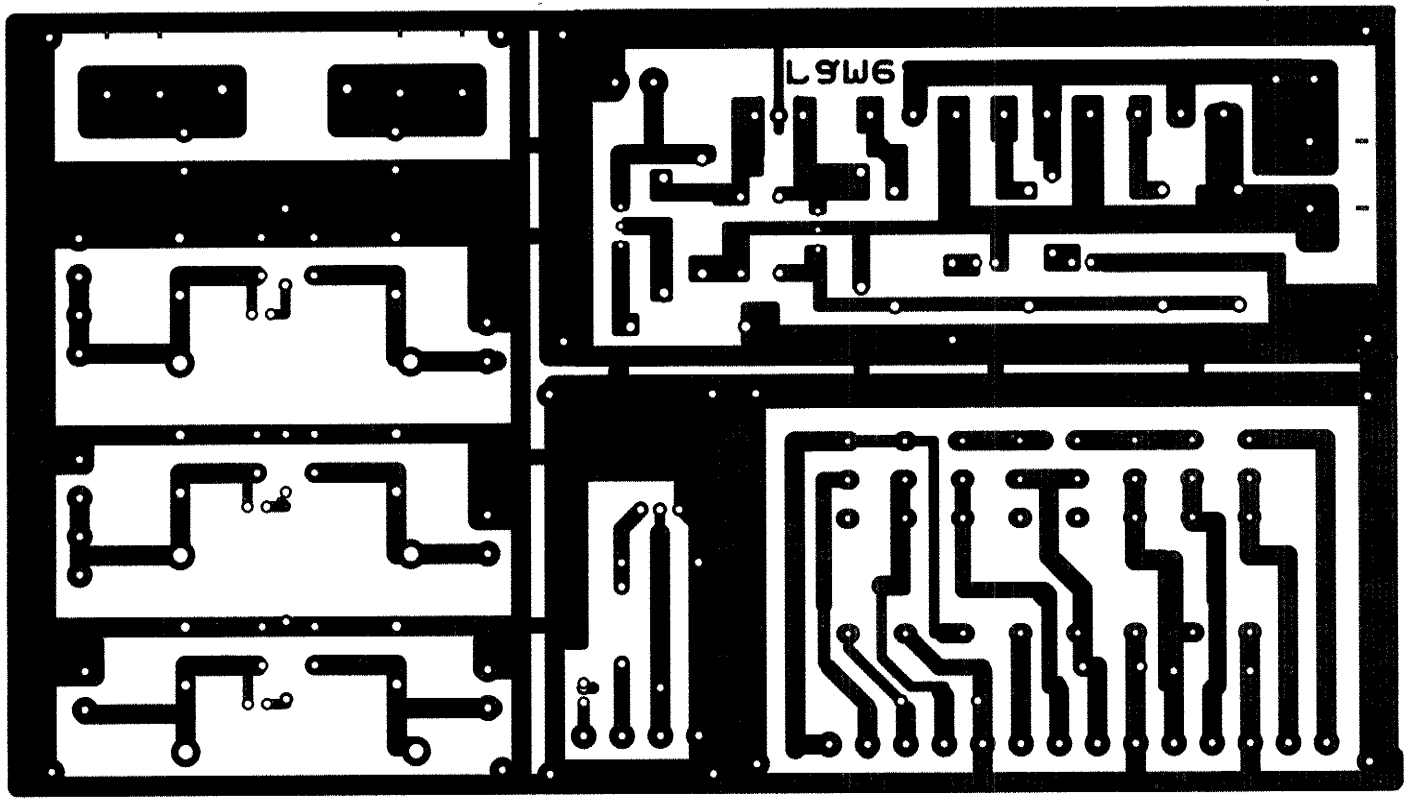


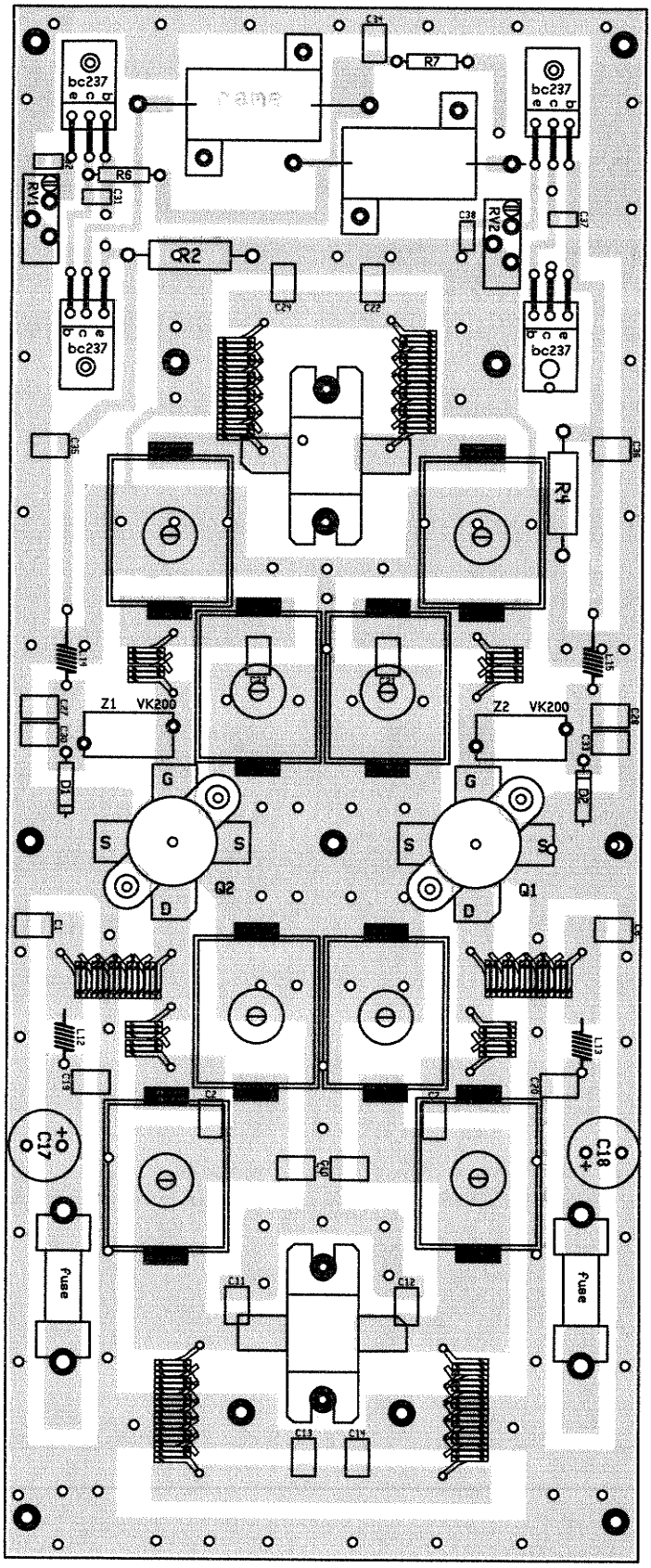
scheda con arduino 3.0


IKeJMK

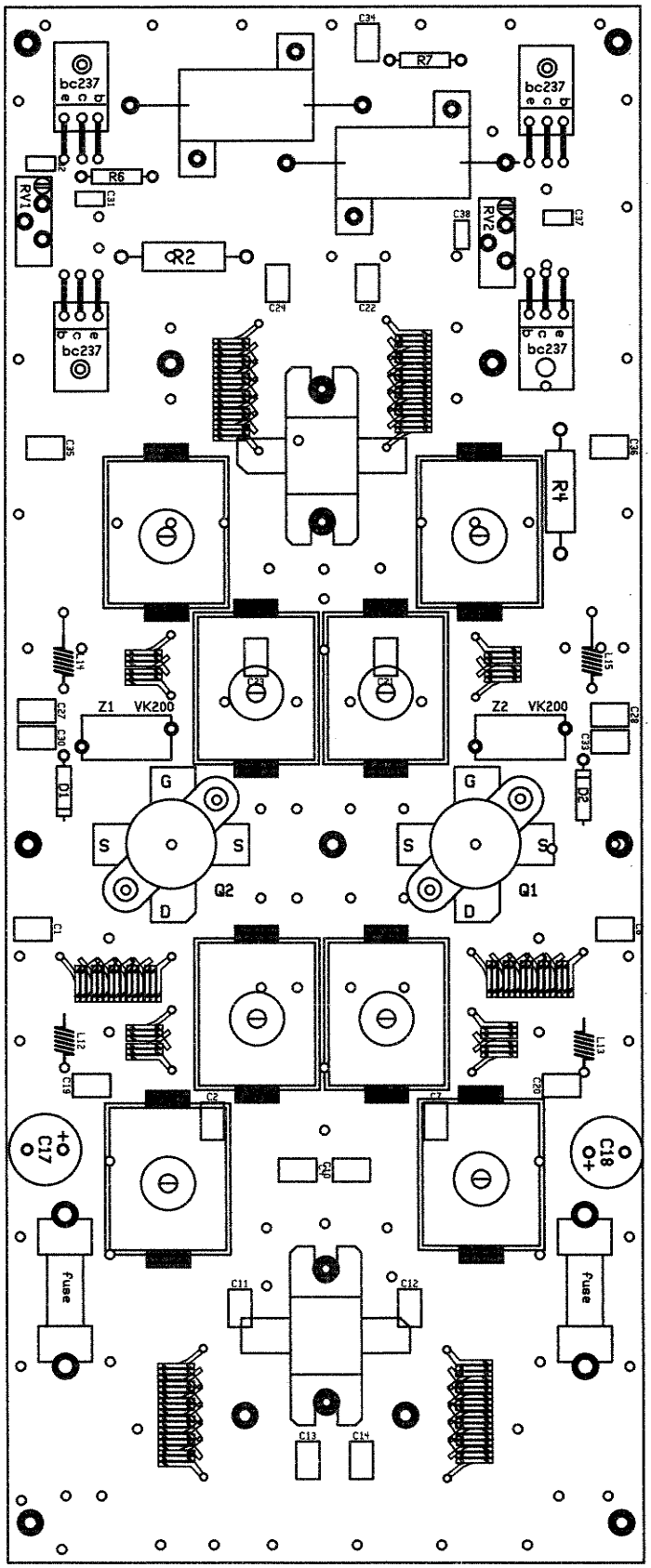

+50 in
led +50v
led +50v
+50v pol.
+50v in
massa
+24 3
+24 2
massa
+24 1
+24 in
+12
massa
ptt
+50
ptt senze to arduino
massa
dal carico
da arduino
+ 24v
prot. massa +50 usc.
+50 in
+24 usc.
+12 usc.
+5 usc.


+50 in
vds
led +50v
led +50v
prot.
massa
+50 usc.
+50 in
+50v pol.
+50v in
massa
+24 3
+24 2
massa
+24 1
+24 in
+12
massa
ptt
+50
ptt senze to arduino
massa
dal carico
da arduino
+ 24v
+24
+12
+5
+24 usc.
+12 usc.
+5 usc.

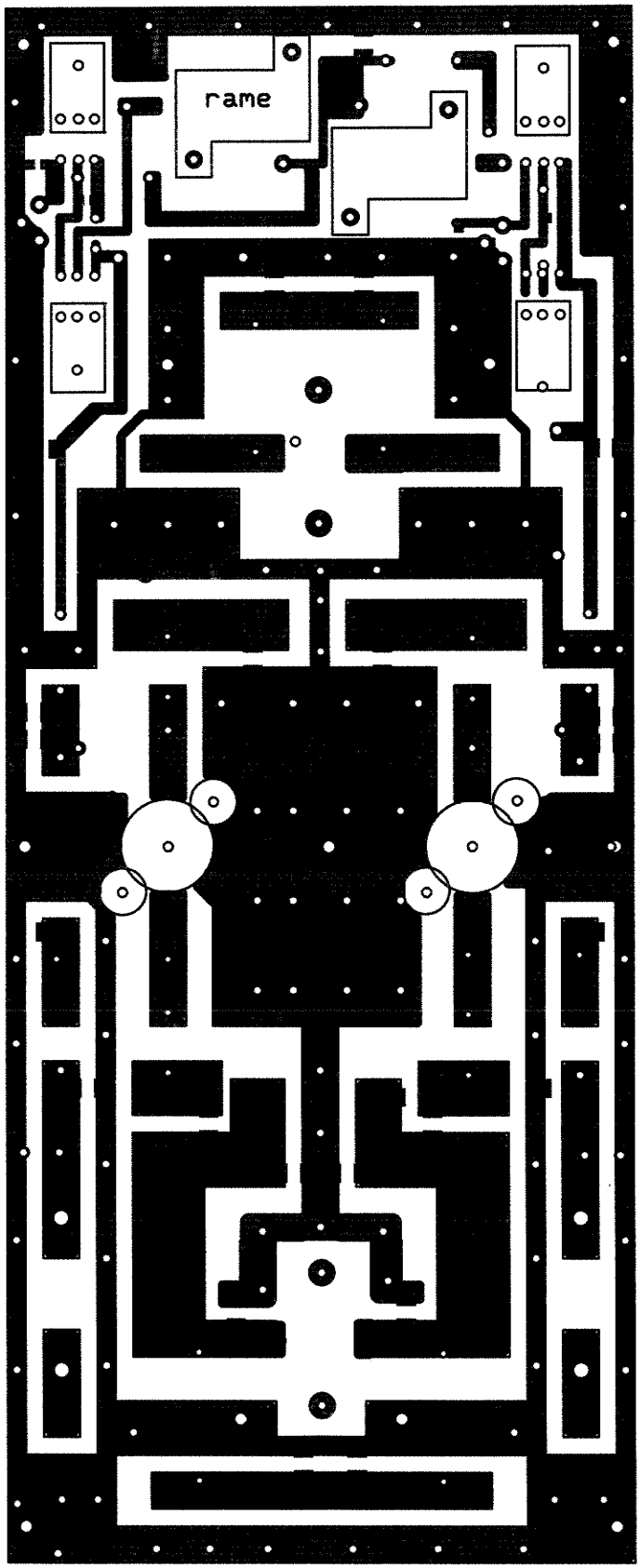

L9W6



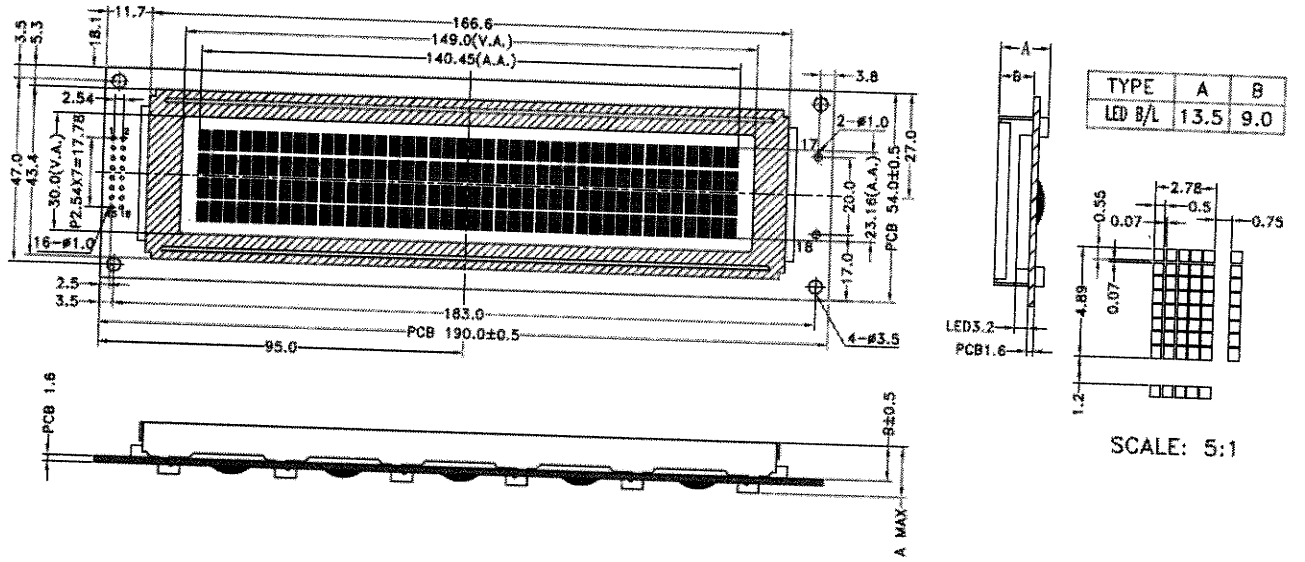
Modulo due blw96



Modulo due blw96


rame

Outline Dimension



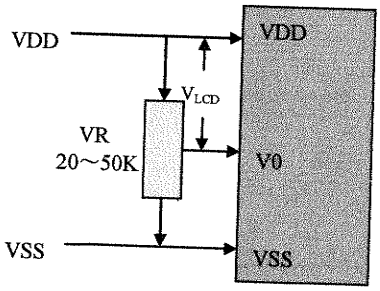
Feature:

1、40x4 Characters
2、STN/TRANSMISSIVE/NEGATIVE/BLUE
3、White/Side-Backlight（LED）
4、Operating Temp.:0℃～+50℃
5、1/16 duty cycle, 1/5 Bias
6、Built-in Controller（SPLC780D1 or equivalent）
7、Viewing angle: 6 o'clock

Absolute Maximum Rating:

Item	Symbol	Standard value			Unit
		M_{IN}	T_{YP}	M_{AX}	
Power supply for logic	V_{DD}-V_{SS}	-0.3	--	7.0	V
Input voltage	V_I	-0.3	--	VDD+0.3	V

Adjusting Display Contrast:



Note: Adjust V0 to VSS as an initial setting. When the module is operational, readjust V0 for optimal display appearance.

Electrical Characteristic:

Character Type

(VSS=0V, Ta = 25℃)

Parameter	Symbol	Condition	M_{IN}	T_{YP}	M_{AX}	Unit
Supply voltage for logic	V_{DD}	--	4.8	5.0	5.2	V
Supply current for logic	I_{DD}	--	--	2	--	mA
Operating voltage for LCD	V_{LCD}	0℃	--	--	--	V
		+25℃	--	4.4	--	V
		+50℃	--	--	--	V
Supply voltage for Backlight	V_{BL}	--	--	5.0	--	V
Supply current for Backlight	I_{BL}	--	--	60	--	mA

Interface Pin Connections:

Pin No.	Symbol	Level	Description
1-8	DB7~DB0	H/L	8-bit bi-directional data bus.
9	E1	H/L	When E1="0", the back half of the screen is active
10	R/W	H/L	R/W = "H": Read mode. R/W = "L": Write mode.
11	RS	H/L	A signal for selecting registers: 1: Data Register (for read and write) 0: Instruction Register (for write), Busy flag-Address Counter (for read).Supply voltage for logic operating
12	V0	--	Adjusting voltage for LCD driving (variable).
13	VSS	0V	Ground
14	VCC	+5.0V	Power supply for logic operation.
15	E2	H/L	When E2="0", the front half of the screen is active
16	NC	--	Non-connection.
17	A (LED+)	+5.0V	Power supply for Backlight.
18	K (LED-)	0V	The backlight ground.