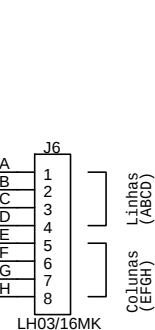
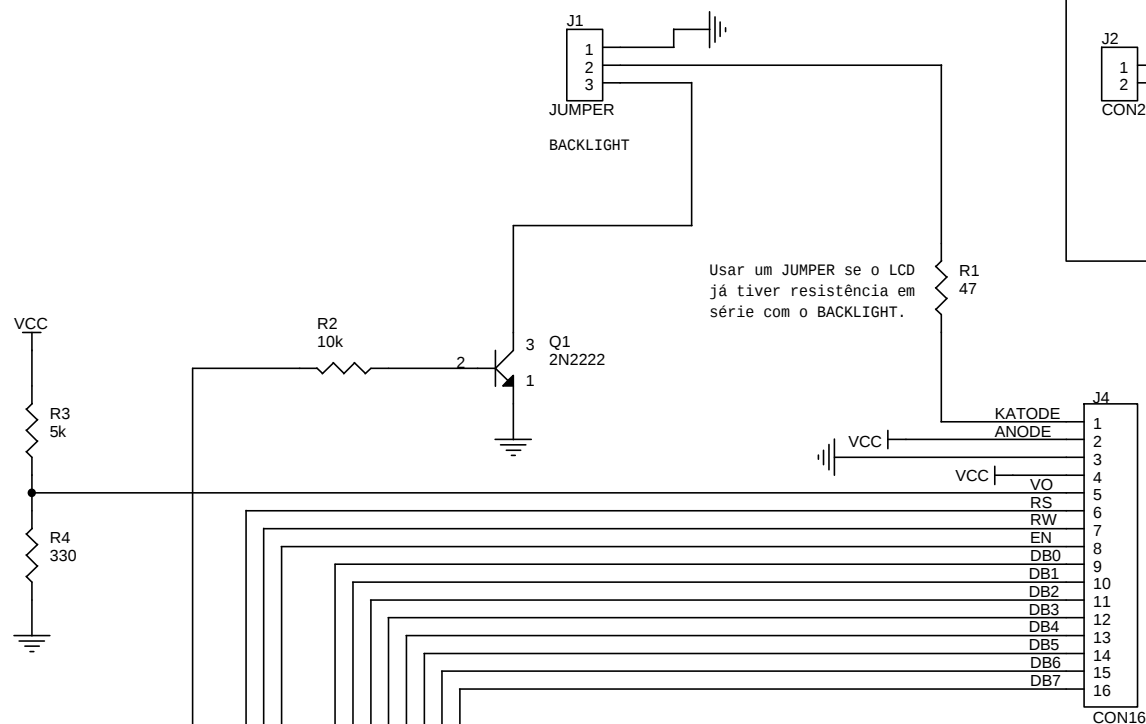
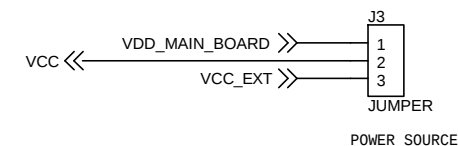
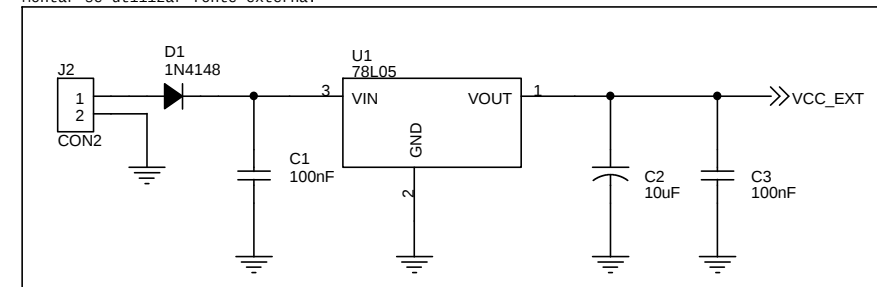


Montar se utilizar fonte externa.

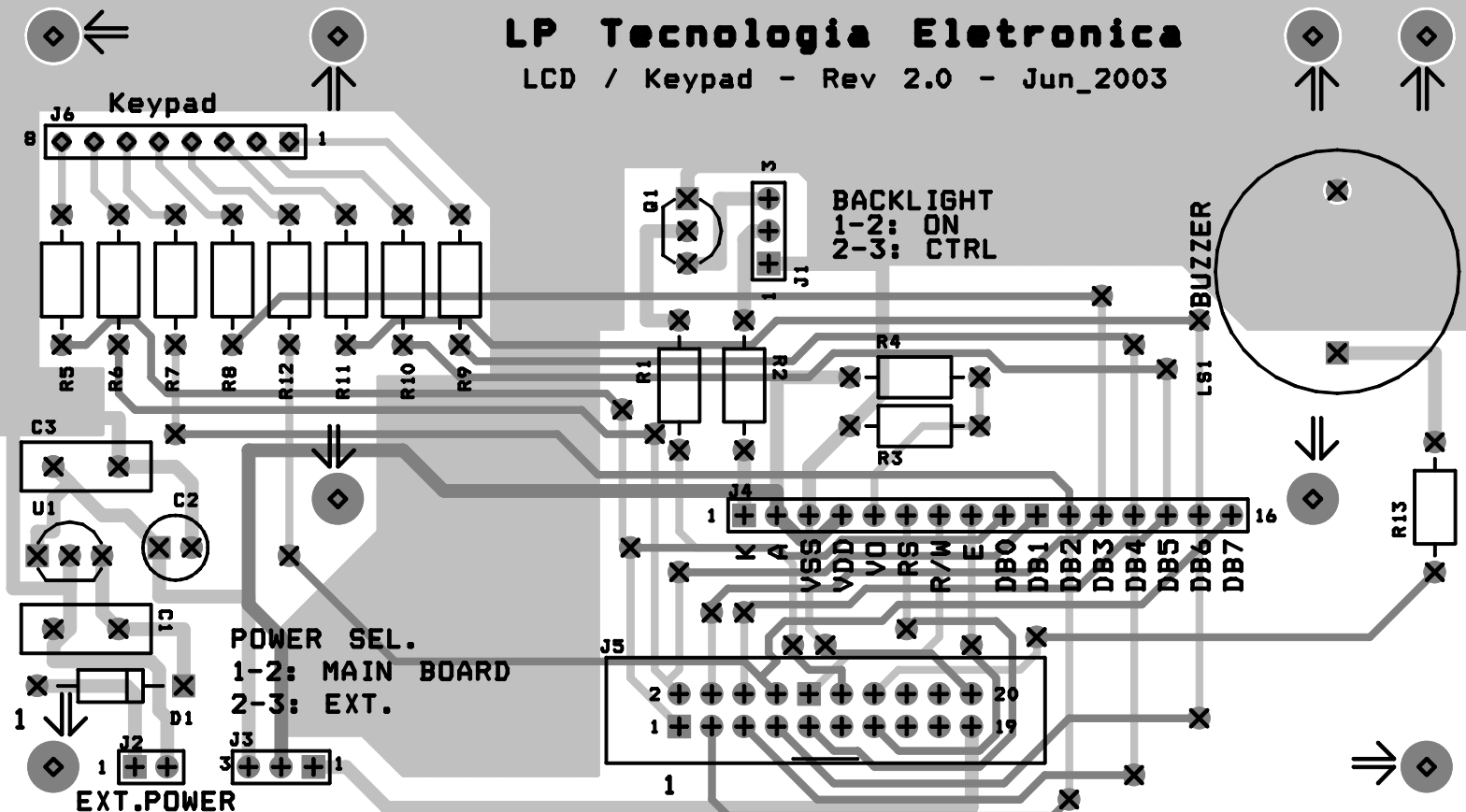


WALCON/20
Porta B
Porta D
ICSP

Title		
Interface Main Board <-> LCD / 4x4 Keypad / Buzzer		
Size	Document Number	Rev
A4	LP Tecnologia Eletrônica	2.0
Date:	Thursday, June 12, 2003	Sheet 1 of 1

LP Tecnologia Eletronica

LCD / Keypad - Rev 2.0 - Jun_2003



DRILL CHART

SYM	DIAM	TOL	QTY	NOTE
◇	0.037		8	
×	0.038		62	
+	0.045		44	
◇	0.158		8	
TOTAL			122	

1: Interface Main Board <-> LCD / 4x4 Keypad / Buzzer Revised: Thursday, June 12, 2003

2: LP Tecnologia Eletrônica Revision: 2.0

3:

4:

5:

6:

7:

8:

9:

10: Bill Of Materials June 12,2003 9:40:25 Page1

11:

12: Item Qty Reference Part

13:

14:

15: 1	2	C1,C3	CAP.CER. 100nF
16: 2	1	C2	CAP. ELC0. 10uF
17: 3	1	D1	DIODO 1N4148
18: 4	2	J3, J1	JUMPER
19: 5	1	J2	CONECTOR 2 VIAS
20: 6	1	J4	CONECTOR 16 VIAS
21: 7	1	J5	CONECTOR WALCON/20
22: 8	1	J6	CONECTOR LH03/16MK
23: 9	1	LS1	BUZZER SM-5V-C
24: 10	1	Q1	TRANSISTOR 2N2222
25: 11	1	R1	RES. 47
26: 12	1	R2	RES. 10k
27: 13	1	R3	RES. 5k
28: 14	1	R4	RES. 330
29: 15	8	R5,R6,R7,R8,R9,R10,R11,	RES. 220
30:		R12	
31: 16	1	R13	RES. 100
32: 17	1	U1	CI REGULADOR 78L05
33:			

1: README:
2: =====
3:
4: Por fazer:
5: -----
6:
7:
8:
9: Revision 2.0:
10: -----
11:
12: - Versão dupla face furos metalizados.
13:
14:
15:
16: Anotações:
17: -----