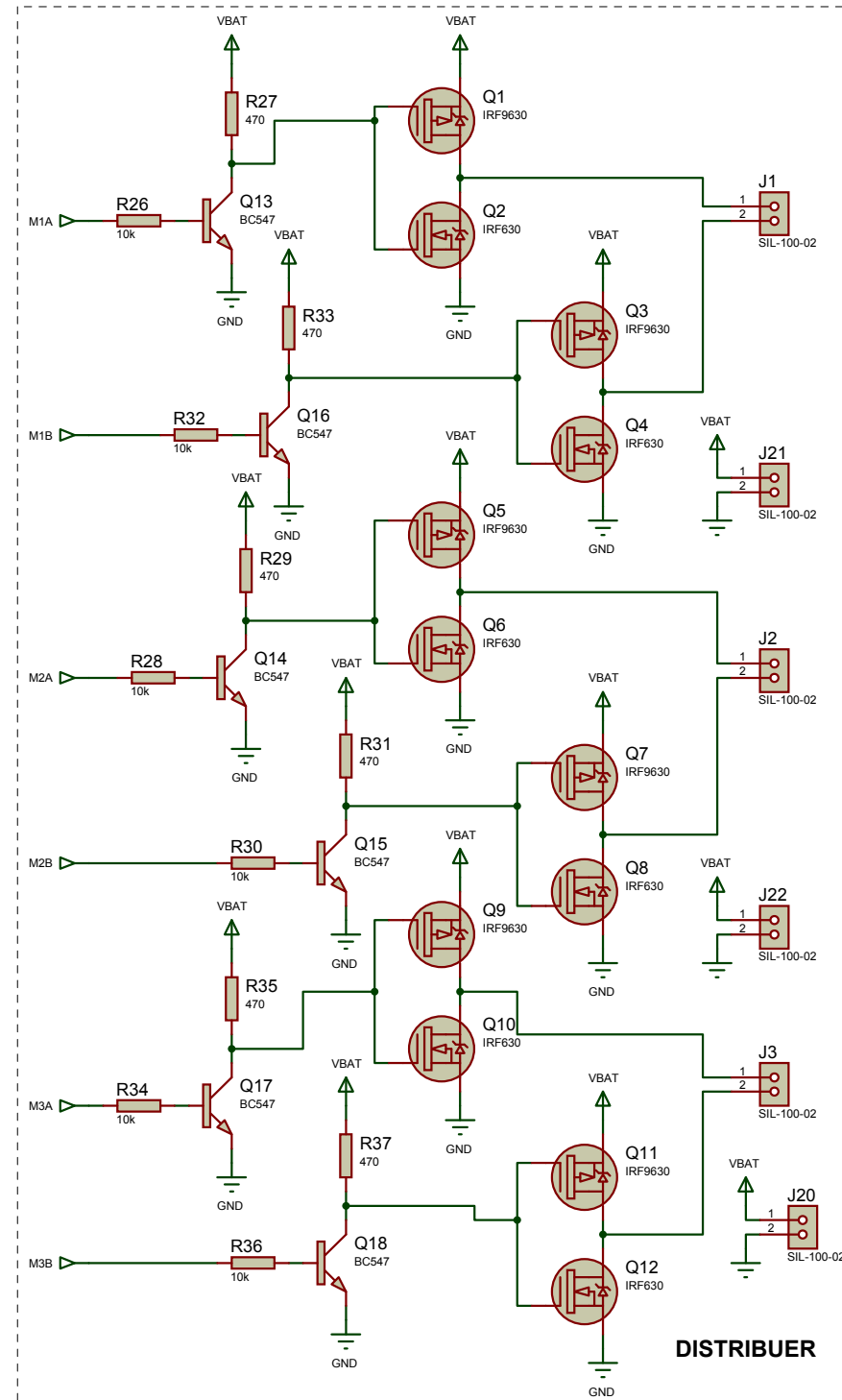
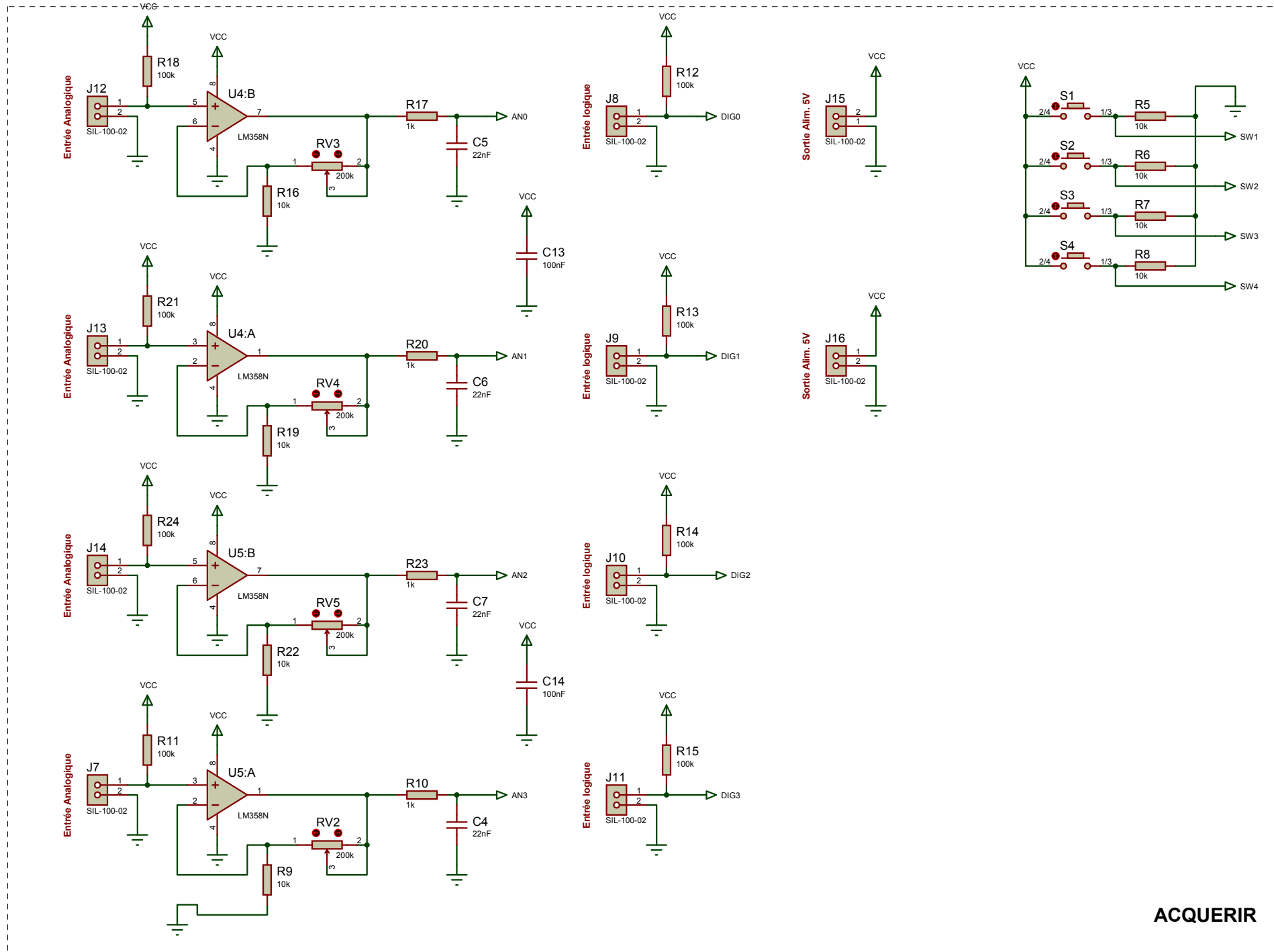


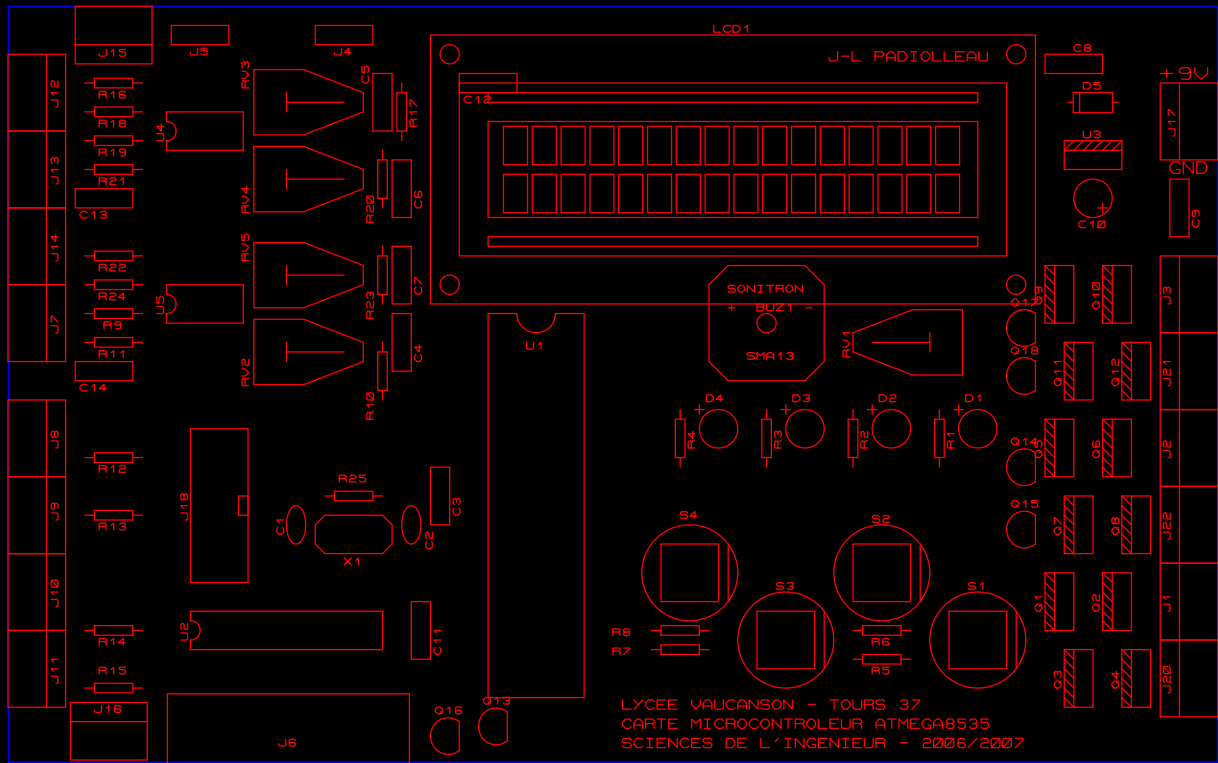
LYCEE VAUCANSON - TOURS - 2006/2007  
CARTE MICROCONTRÔLEUR POUR PPE ROBOTIQUE

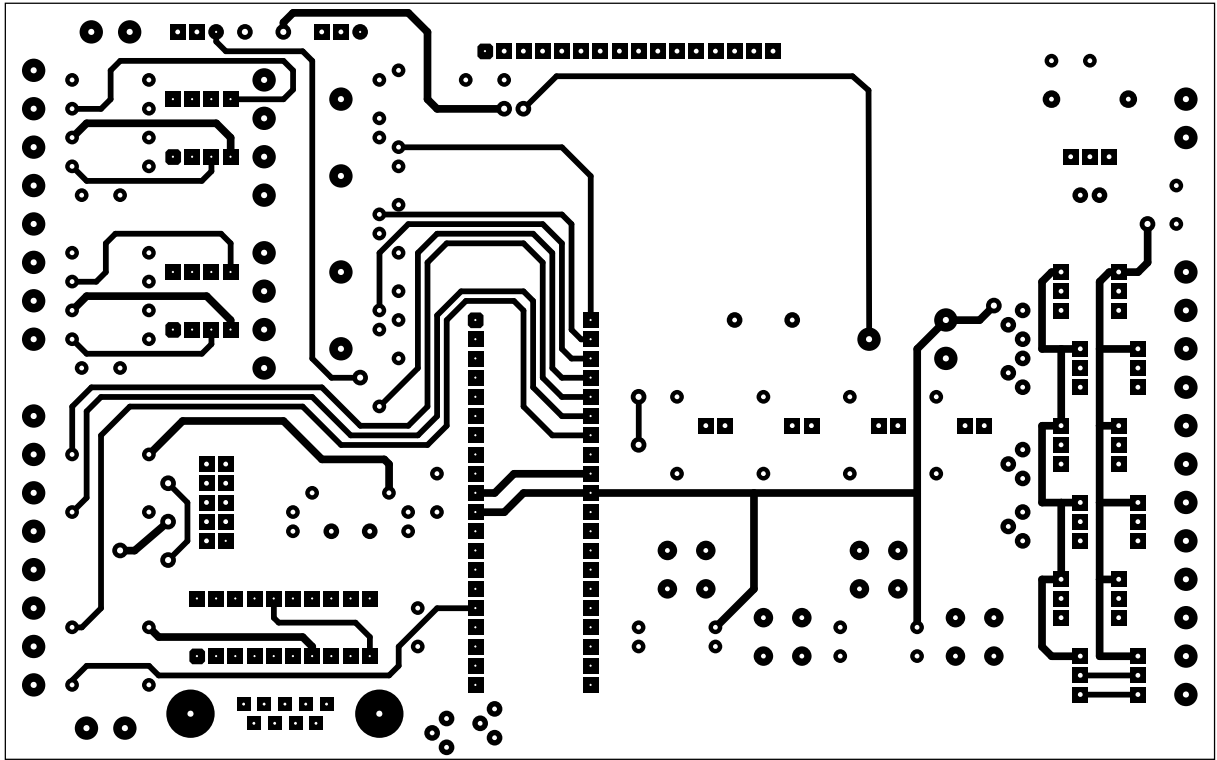
Auteur : J-L PADIOLLEAU

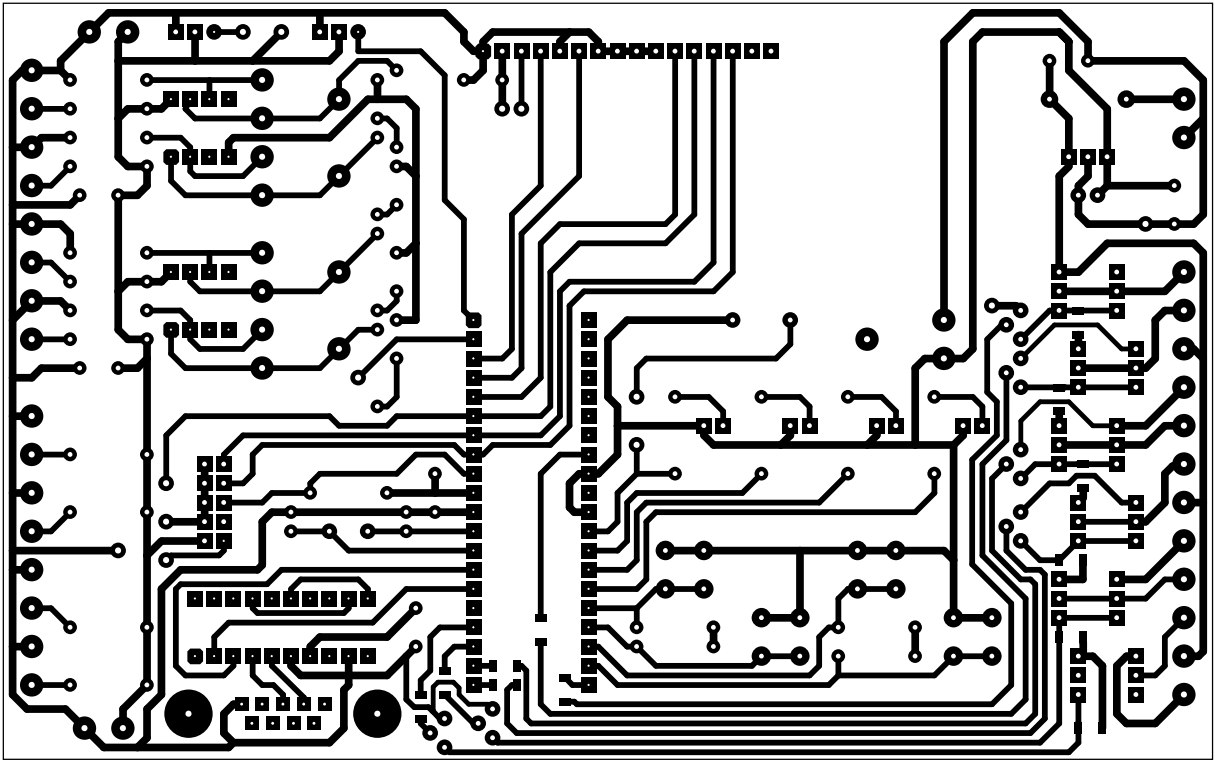


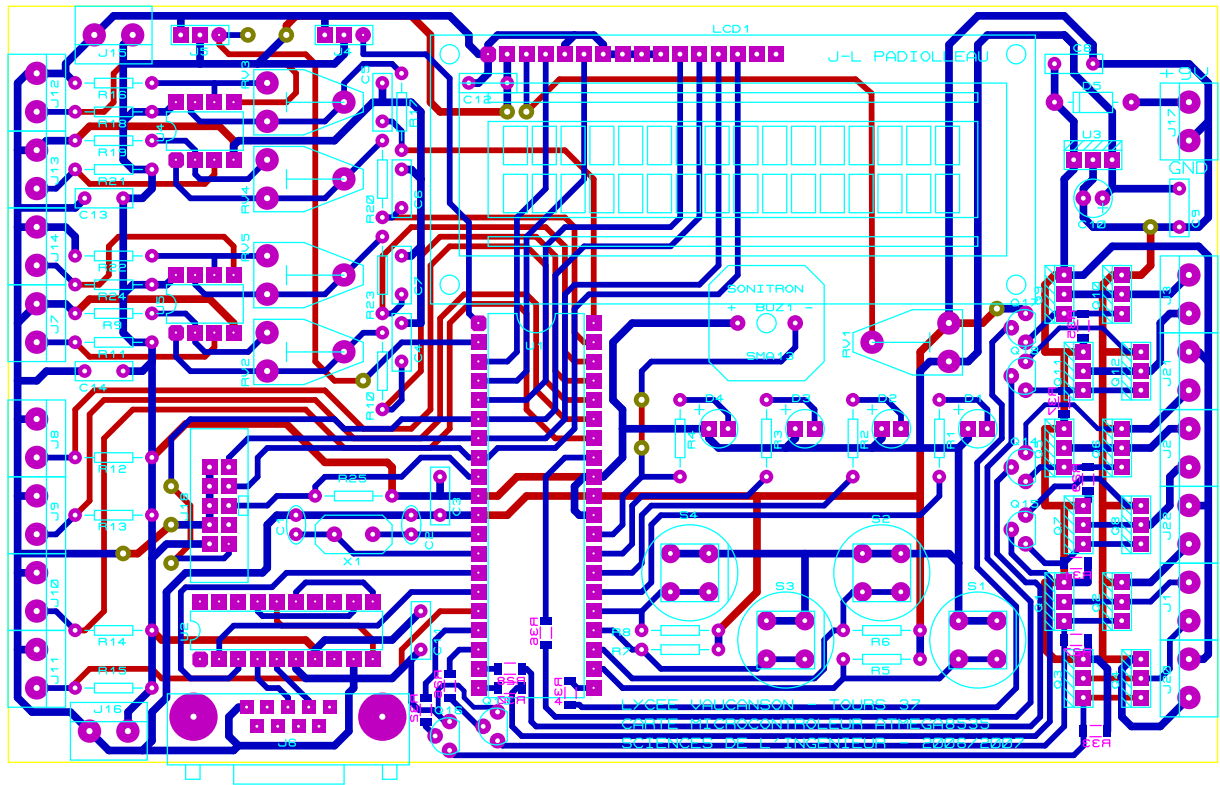


ACQUERIR









**Bill Of Materials For Carte Microcontrôleur ROBOT**

**Design Title** : Carte microcontrôleur ROBOT  
**Author** : J-L PADIOLLEAU  
**Revision** : 1.0  
**Design Created** : mardi 17 octobre 2006  
**Design Last Modified** : mercredi 13 juin 2007  
**Total Parts In Design** : 112

**37 Resistors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>
8	R1-R4, R10, R17, R20, R23	1k
15	R5-R9, R16, R19, R22, R25, R26, R28, R30, R32, R34, R36	10k
8	R11-R15, R18, R21, R24	100k
6	R27, R29, R31, R33, R35, R37	470

**14 Capacitors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>
2	C1, C2	22pF
6	C3, C9, C11-C14	100nF
4	C4-C7	22nF
1	C8	330nF
1	C10	100uF

**5 Integrated Circuits**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>
1	U1	AT90S8535
1	U2	MAX233
1	U3	LM2940-CT5
2	U4, U5	LM358N

**18 Transistors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>
6	Q1, Q3, Q5, Q7, Q9, Q11	IRF9630
6	Q2, Q4, Q6, Q8, Q10, Q12	IRF630
6	Q13-Q18	BC547

**5 Diodes**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>
2	D1, D2	LED-GREEN
2	D3, D4	LED-RED
1	D5	1N4001

**33 Miscellaneous**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>
1	BUZ1	BUZZER SMA13
17	J1-J3, J7-J17, J20-J22	SIL-100-02
2	J4, J5	CONN-SIL3

1	J6	CONN-D9F
1	J18	CONN-H10
1	LCD1	LM016L
1	RV1	10k
4	RV2-RV5	200k
4	S1-S4	
1	X1	8MHz

*jeudi 27 septembre 2007 07:11:42*