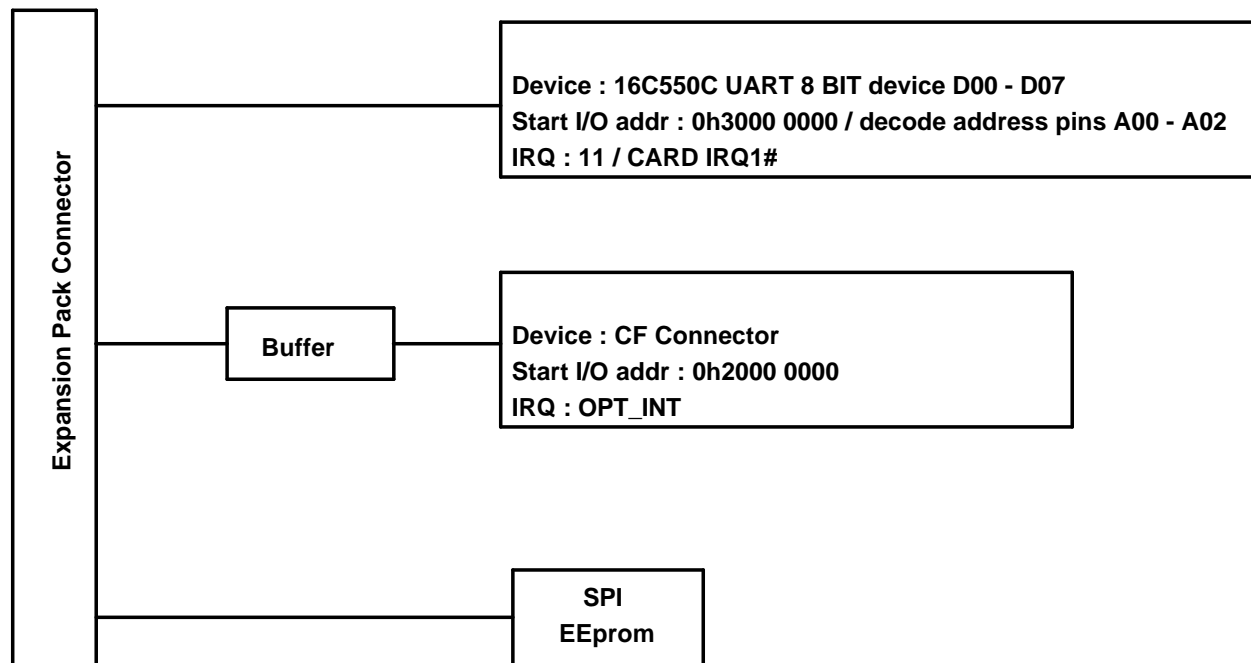


SH01 - BLOCK DIAGRAM  
SH02 - EXPANSION CONNECTOR & SPI  
SH03 - UART  
SH04 - CF CONNECTOR  
SH05 - DAMPING RESISTANCE  
SH06 - SIGNAL BUFFER  
SH7 - HISTORY



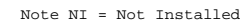
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Approvals	Date

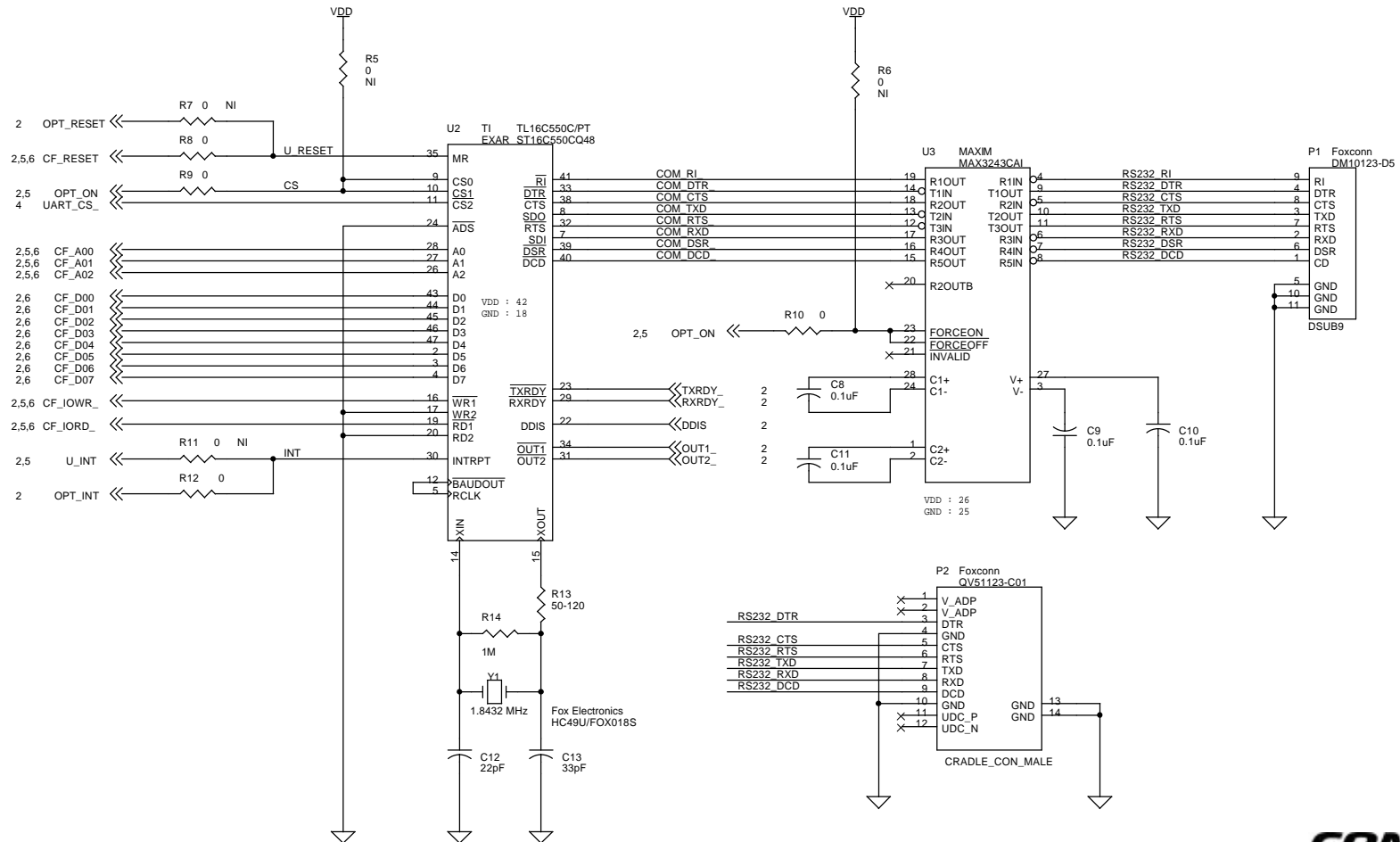
**UART Connection with CF slot**

Title			
Block Diagram			
Size A3	Code Ident No	Drawing No 011095-000	Rev X3
Revised Sunday, February 25, 2001		Sheet 1 of 7	



Title			
<b>EXPANSION CONNECTOR &amp; SPI</b>			
Size A3	Code Ident No	Drawing No 011095-000	Rev X3
Designed: Sunday, February 05, 2006		Sheet 2 of 7	

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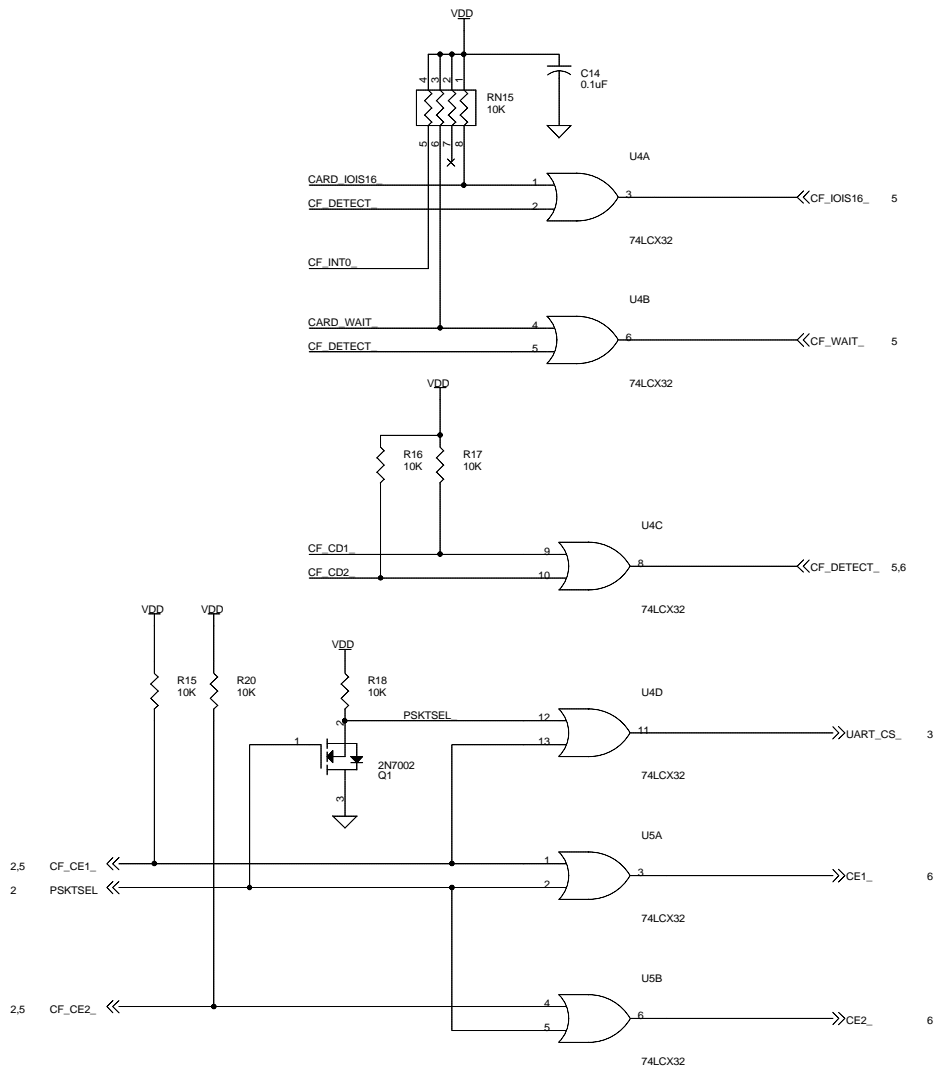
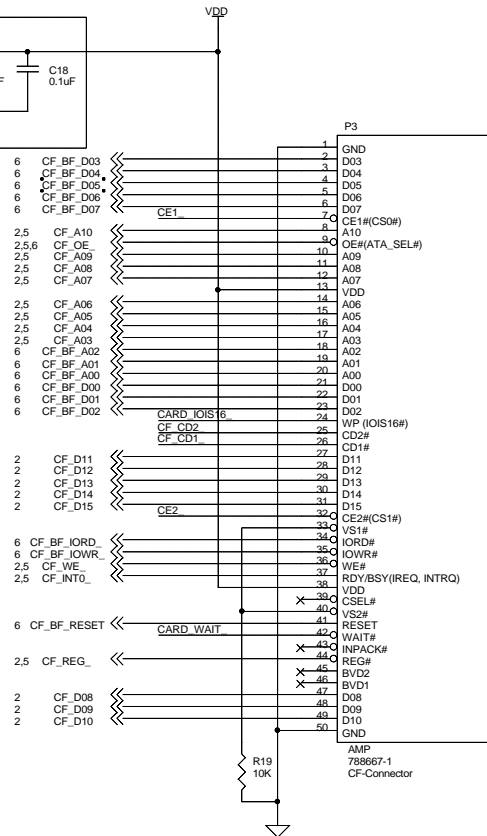
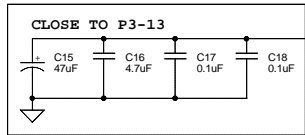
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Approvals	Date

UART Connection with CF slot			
Title			
UART			
Size B	Code Ident No	Drawing No	Rev X3
		011095-000	
Revised Sunday, February 25, 2001 Sheet 3 of 7			

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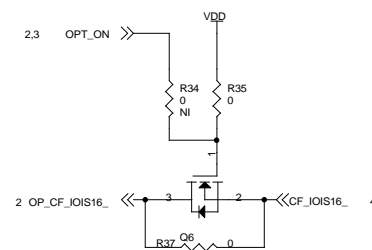
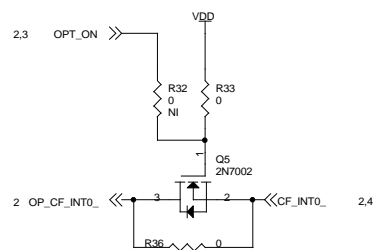
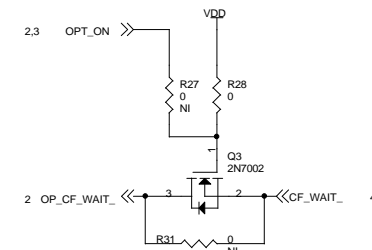
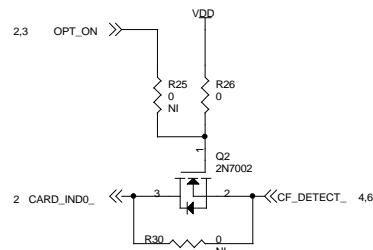
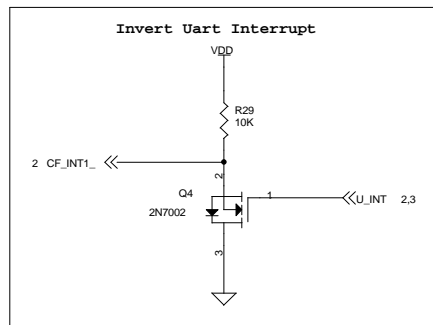
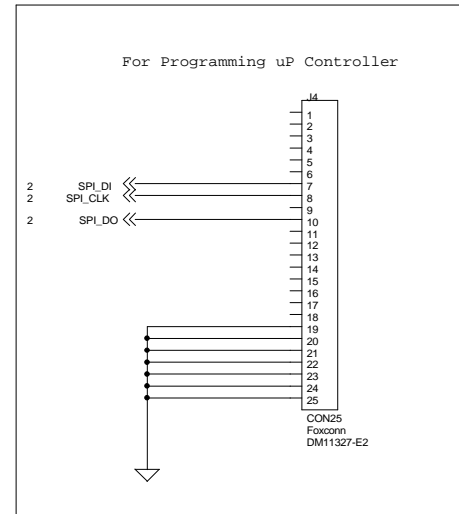
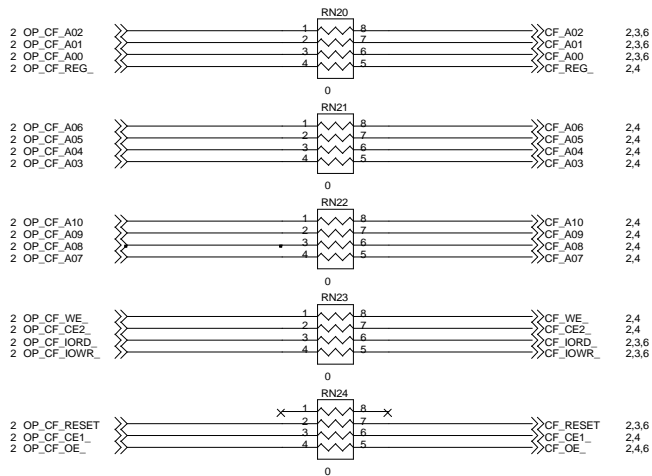
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Approvals		Date	
Title			
CF CONNECTOR			
Size	Code Ident No	Drawing No	Rev
A3		011095-000	X3
Revised		Sunday, February 25, 2001	Sheet 4 of 7

## UART Connection with CF slot

Title			
CF CONNECTOR			
Size	Code Ident No	Drawing No	Rev
A3		011095-000	X3
Revised		Sunday, February 25, 2001	Sheet 4 of 7



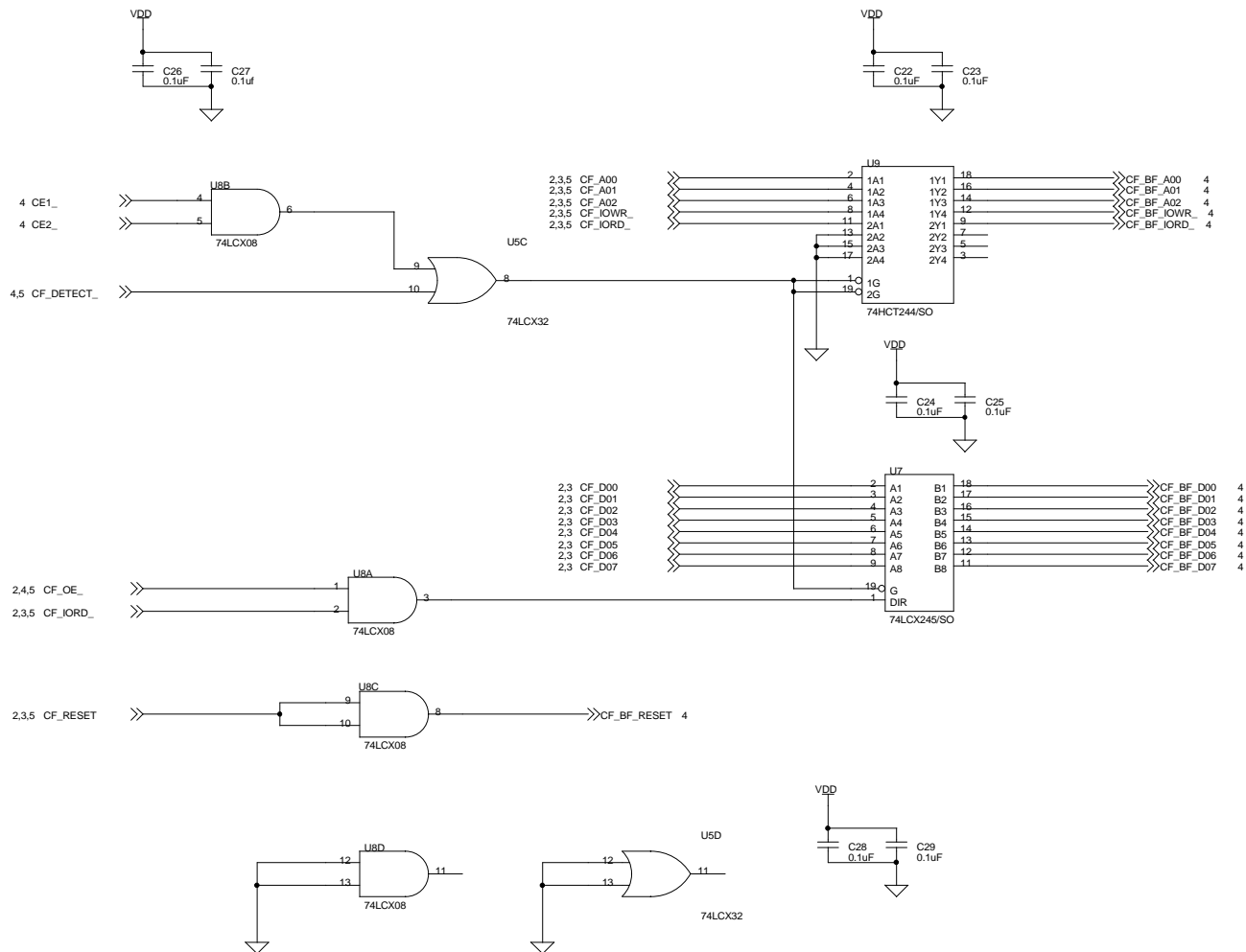
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Approvals	Date

UART Connection with CF slot			
Title			
DAMPING RESISTANCE			
Size A3	Code Ident No	Drawing No 011055-000	Rev X3
Revised Sunday, February 25, 2001	Sheet 5	of 7	

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Approvals	Date

UART Connection with CF slot			
Title			
SIGNAL BUFFER			
Size A3	Code Ident No	Drawing No 011055-000	Rev X3
Revised Sunday, February 25, 2001		Sheet 6 of 7	

Revisions

- X1 : 06/19/00
- X2 : 06/23/00 Changed to correct power problem.  
Page 4 : Added R15 and R20 10K pullup to CF\_CE1\_ to CF\_CE2\_.
- X3 : 07/20/00 Changed to correct option pack detection problem.  
Page 2 : Connected J1 pin 50 and 51 to Gnd. Installed R1.



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				Title		
				<b>HISTORY</b>		
				Size A3	Code Ident No <Doc>	Drawing No <Doc>
			Revised Sunday, February 25, 2001 Sheet 7 of 7			

1: Block Diagram Revised: Thursday, July 27, 2000

2: Revision: X3

3:

4:

5:

6:

7:

8:

9:

10: Bill Of Materials July 27,2000 17:23:31 Page1

11:

12: Item Quantity Reference Part PCB Footprint

13:

14:

15:	1	22	C1	0.1uF	S603AT
16:			C2	0.1uF	S603AT
17:			C3	0.1uF	S603AT
18:			C4	0.1uF	S603AT
19:			C5	0.1uF	S603AT
20:			C6	0.1uF	S603AT
21:			C7	0.1uF	S603AT
22:			C8	0.1uF	S603AT
23:			C9	0.1uF	S603AT
24:			C10	0.1uF	S603AT
25:			C11	0.1uF	S603AT
26:			C14	0.1uF	S603AT
27:			C17	0.1uF	S603AT
28:			C18	0.1uF	S603AT
29:			C22	0.1uF	S603AT
30:			C23	0.1uF	S603AT
31:			C24	0.1uF	S603AT
32:			C25	0.1uF	S603AT
33:			C26	0.1uF	S603AT
34:			C27	0.1uF	S603AT
35:			C28	0.1uF	S603AT
36:			C29	0.1uF	S603AT
37:	2	1	C12	22pF	S603AT
38:	3	1	C13	33pF	S603AT
39:	4	1	C15	47uF	TANTD
40:	5	1	C16	4.7uF	S1206T
41:	6	1	D1	DIODE	SOD323AT
42:	7	1	J1	Option Pack Conn	SC100RZ3A
43:	8	1	J2	MICTOR A	SC38HA2A
44:	9	1	J3	MICTOR C	SC38HA2A
45:	10	1	J4	CON25	C25RE2A
46:	11	1	P1	DSUB9	C9RF2A
47:	12	1	P2	CRADLE_CON_MALE	SC12RA1C
48:	13	1	P3	CF-Connector	SC50RF2A
49:	14	6	Q1	2N7002	SOT23HT
50:			Q2	2N7002	SOT23HT
51:			Q3	2N7002	SOT23HT
52:			Q4	2N7002	SOT23HT
53:			Q5	2N7002	SOT23HT
54:			Q6	2N7002	SOT23HT
55:	15	1	RN15	10K	SRNET8C
56:	16	5	RN20	0	SRNET8C
57:			RN21	0	SRNET8C
58:			RN22	0	SRNET8C
59:			RN23	0	SRNET8C
60:			RN24	0	SRNET8C
61:	17	1	R1	300	S603AT
62:	18	22	R2	0	S603AT
63:			R4	0	S603AT
64:			R5	0	S603AT



65:			R6	0	S603AT
66:			R7	0	S603AT
67:			R8	0	S603AT
68:			R9	0	S603AT
69:			R10	0	S603AT
70:			R11	0	S603AT
71:			R12	0	S603AT
72:			R25	0	S603AT
73:			R26	0	S603AT
74:			R27	0	S603AT
75:			R28	0	S603AT
76:			R30	0	S603AT
77:			R31	0	S603AT
78:			R32	0	S603AT
79:			R33	0	S603AT
80:			R34	0	S603AT
81:			R35	0	S603AT
82:			R36	0	S603AT
83:			R37	0	S603AT
84:	19	1	R3	100K	S603AT
85:	20	1	R13	50-120	S603AT
86:	21	1	R14	1M	S603AT
87:	22	7	R15	10K	S603AT
88:			R16	10K	S603AT
89:			R17	10K	S603AT
90:			R18	10K	S603AT
91:			R19	10K	S603AT
92:			R20	10K	S603AT
93:			R29	10K	S603AT
94:	23	1	U1	NM25C020	SO8K
95:	24	1	U2	TL16C550C/PT	QF48CT
96:	25	1	U3	MAX3243E	SSO28WBT
97:	26	2	U5	74LCX32	TSO14AT
98:			U4	74LCX32	TSO14AT
99:	27	1	U7	74LCX245/SO	TSO20AT
100:	28	1	U8	74LCX08	TSO14AT
101:	29	1	U9	74HCT244/SO	TSO20AT
102:	30	1	Y1	1.8432 MHz	XTL2C
103:					