

LINK COMMUNICATIONS INC. RLC-3 COMMUNICATIONS CONTROLLER

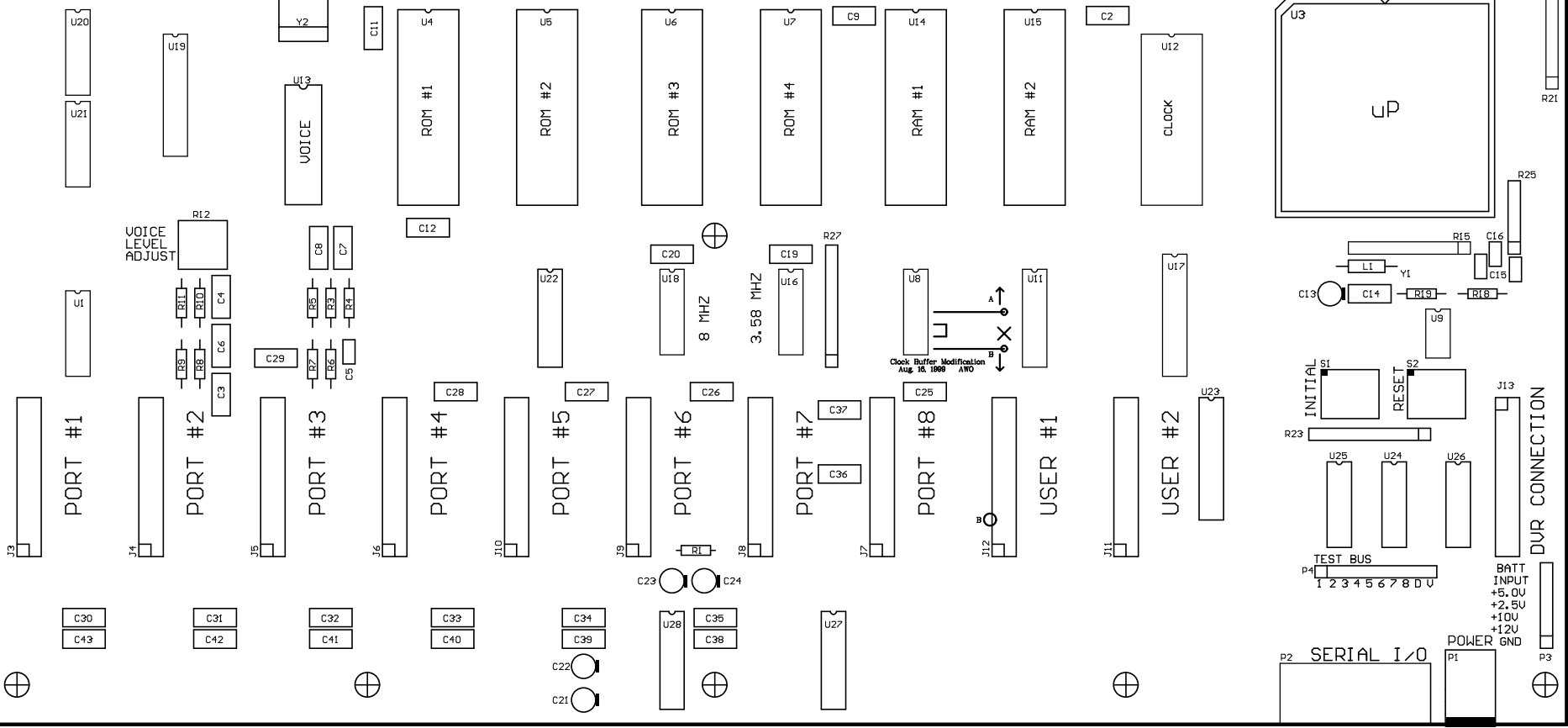
REVISION A

SERIAL # [REDACTED]

IXOYE

DISPLAY

BKG



Clock Buffer Modification
Aug. 18, 1988
AWD

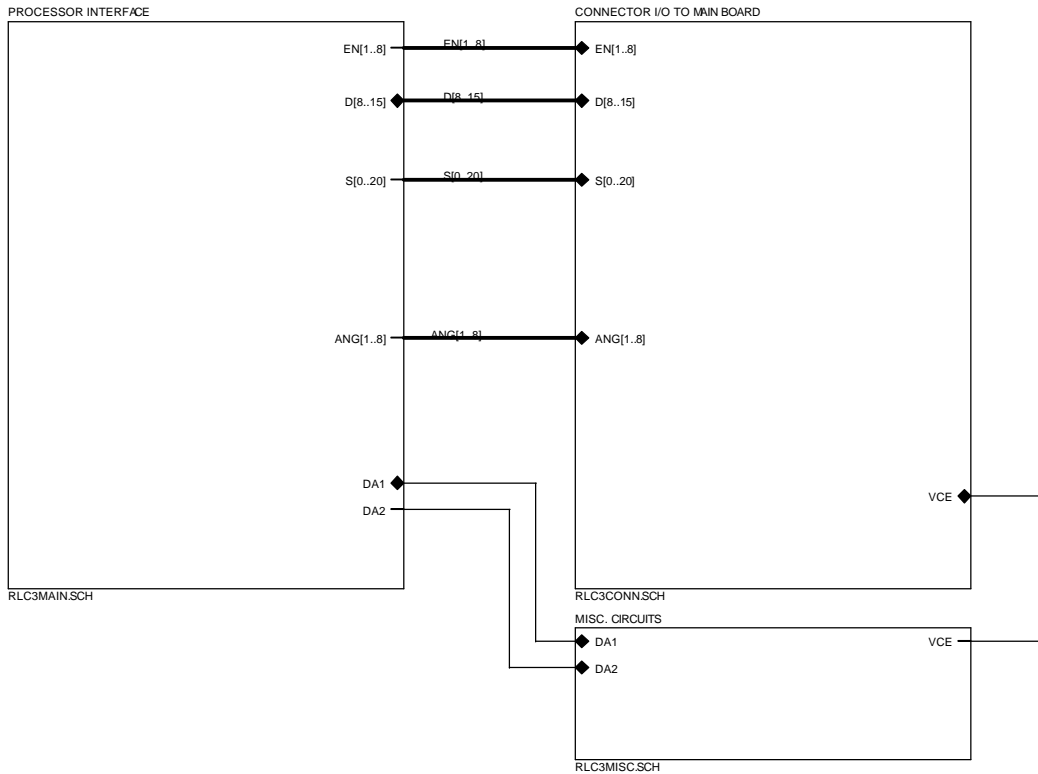
BATT
INPUT
+5.0V
+2.5V
+10V
+12V
GND

TEST BUS
P4
1 2 3 4 5 6 7 8 D U

DUR CONNECTION
J13

POWER
P1

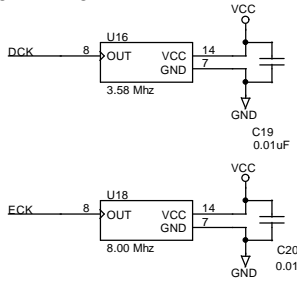
SERIAL I/O
P2



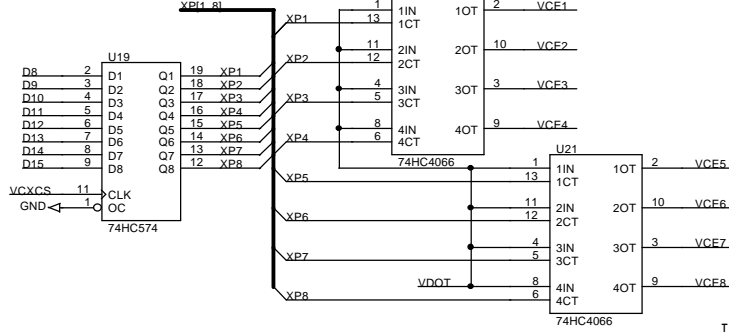
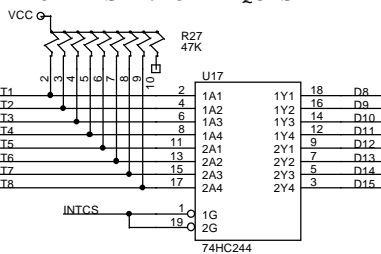
LINK COMMUNICATIONS
 RLC-3 REPEATER CONTROLLER

Link Communications Inc.		
P.O. Box 1071 Sidney, MT 59270		
406-482-7515 (V), 406-482-7547 (F)		
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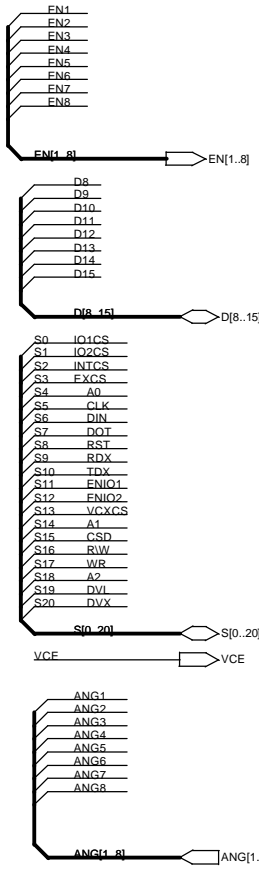
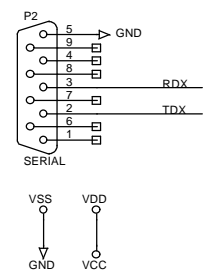
MOTHERBOARD



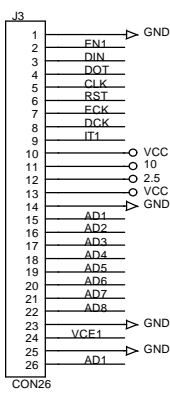
CARD SERVICE REQUEST



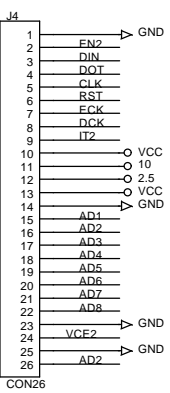
SERIAL I/O



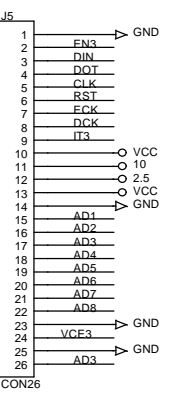
PORT 1



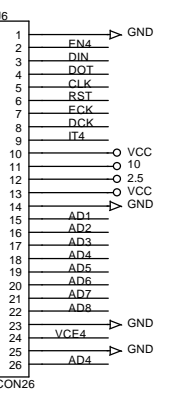
PORT 2



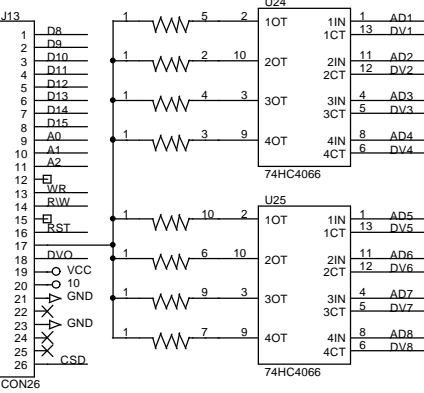
PORT 3



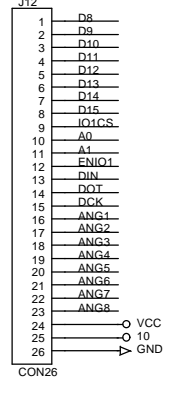
PORT 4



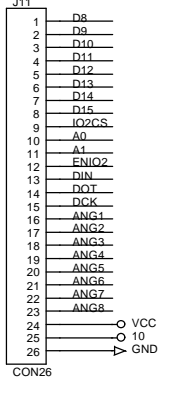
DVR CROSS POINT



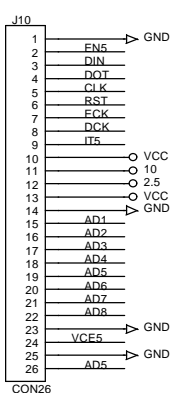
USER I/O #1



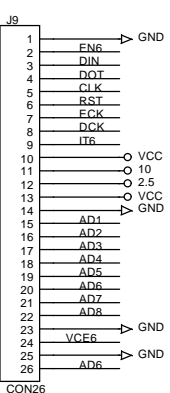
USER I/O #2



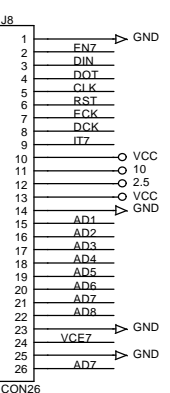
PORT 5



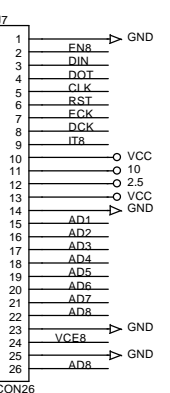
PORT 6



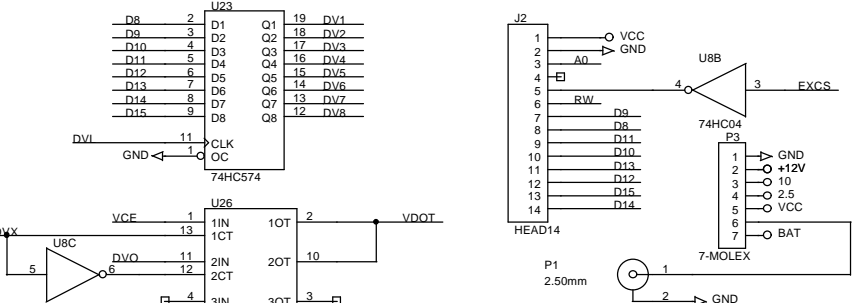
PORT 7



PORT 8



EXTERNAL I/O



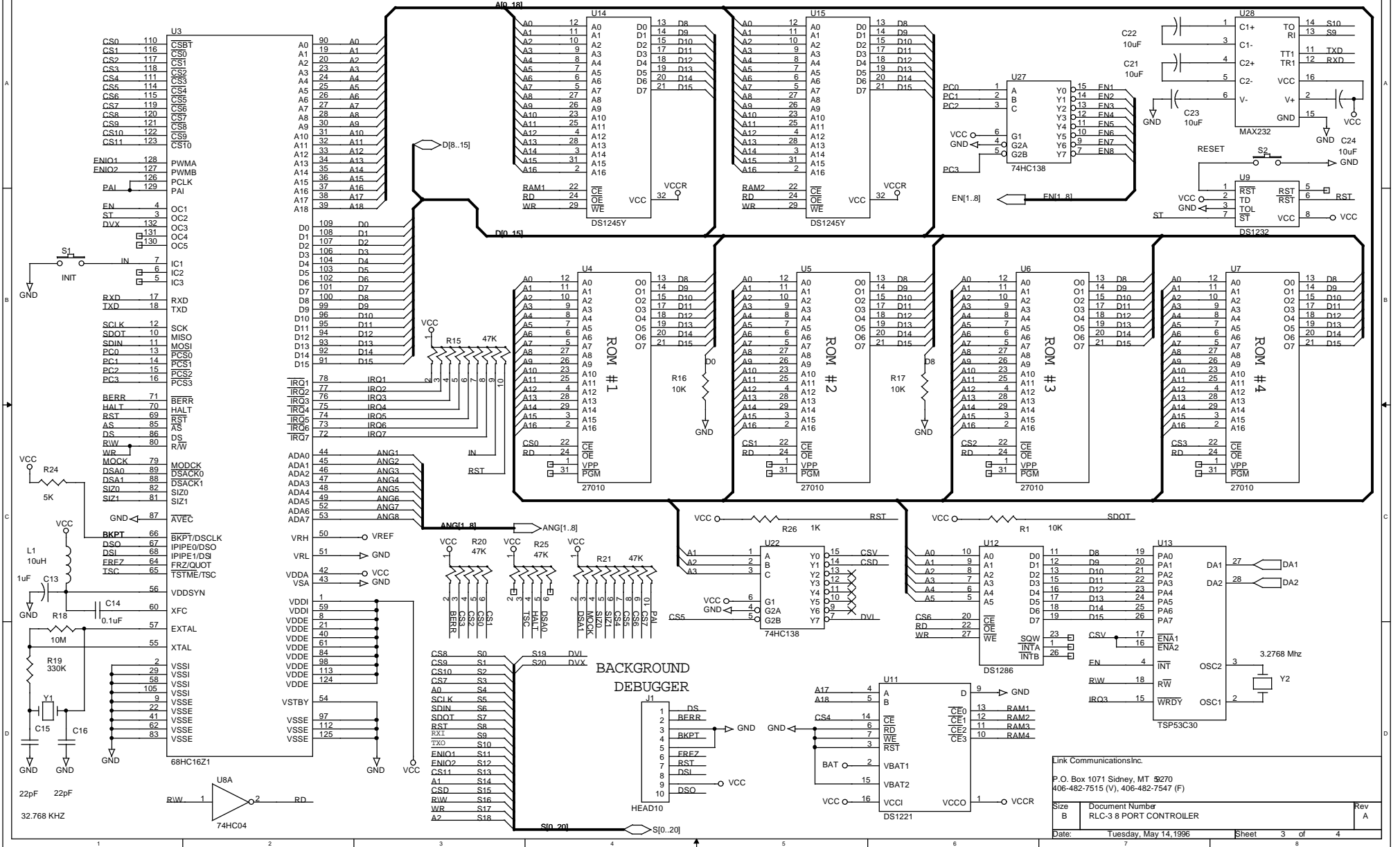
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MOTHERBOARD

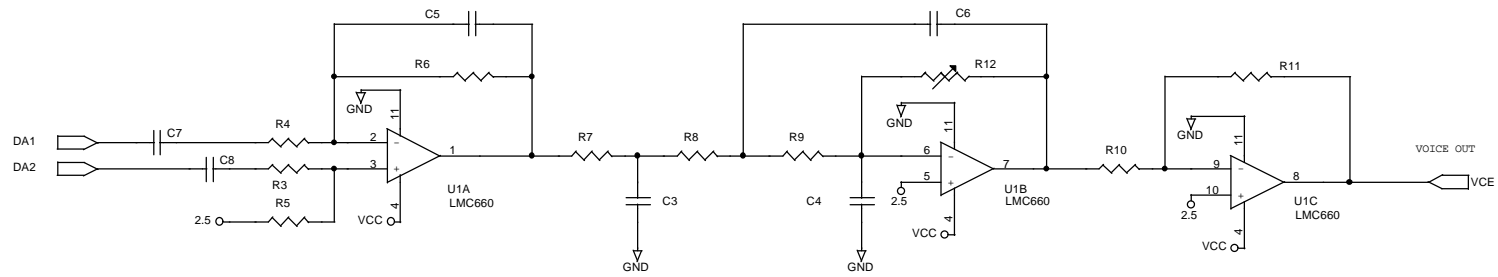
RAM #1

RAM #2



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VOICE FILTER

LINK COMMUNICATIONS

RLC-3 REPEATER CONTROLLER

Link Communications Inc. P.O. Box 1071 Sidney, MT 59270 406-482-7515 (V), 406-482-7547 (F)		
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Bill of Material for C:\PFW\RLC3\RLC3MAIN\RLC3.PCB
 On 3-May-2001 at 09:39:00

Comment	Pattern	Quantity	Components
0.01UF	RAD0.2	3	C6, C19, C20
0.1UF	RAD0.2	3	C7, C8, C14
0.1uF	RAD0.2	25	C1, C2, C9, C10, C11, C12, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43
100PF	RAD0.1	1	C5
10K	AXIAL0.4	6	R1, R5, R9, R11, R16, R17
10K	VR4A	1	R12
10M	AXIAL0.4	1	R18
10UF	ELECT	4	C21, C22, C23, C24
10UH	AXIAL0.5	1	L1
1K	AXIAL0.4	2	R10, R26
1UF	ELECT	1	C13
2.50MM	PWR	1	P1
2000PF	RAD0.2	1	C3

rlc3.BOM

22PF	RAD0.1	2	C15, C16
24.9K	AXIAL0.4	2	R3, R4
27010	DIP32	4	U4, U5, U6, U7
3.2768 MHZ	XTAL	1	Y2
3.58 MHZ	DIP14	1	U16
32.768 KHZ	XTAL0	1	Y1
330K	AXIAL0.4	1	R19
47K	AXIAL0.4	3	R6, R7, R8
47K	SIP10	4	R15, R21, R23, R27
47K	SIP6	2	R20, R25
5K	AXIAL0.4	1	R24
68HC16Z1	PQFP132	1	U3
68PF	RAD0.2	1	C4
7-MOLEX	SIP7	1	P3
74HC04	DIP14	1	U8
74HC138	DIP16	2	U22, U27
74HC244	DIP20	1	U17
74HC4066	DIP14	5	U20, U21, U24, U25, U26

rlc3.BOM

74HC574	DIP20	2	U19, U23
8.00 MHZ	DIP14	1	U18
CON26	IDC26	11	J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13
DS1221	DIP16	1	U11
DS1232	DIP8	1	U9
DS1245Y	DIP32	2	U14, U15
DS1286	DIP28	1	U12
HEAD10	IDC10	1	J1
HEAD14	IDC14	1	J2
INIT	PUSHSW	1	S1
LMC660	DIP14	1	U1
MAX232	DIP16	1	U28
RESET	PUSHSW	1	S2
SERIAL	DB9RA/F	1	P2
TEST BUS	SIP10	1	P4
TSP53C30	SDIP28	1	U13