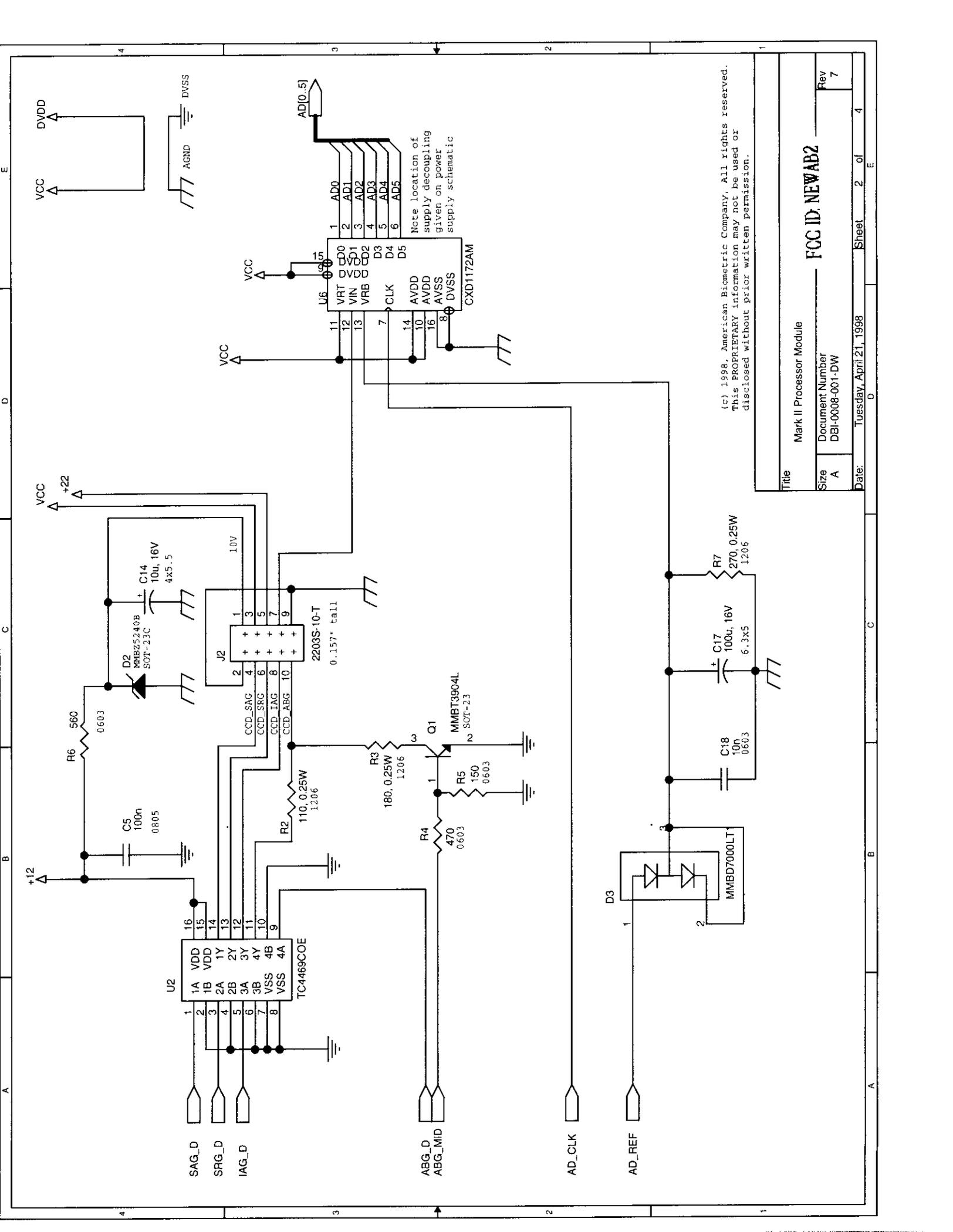
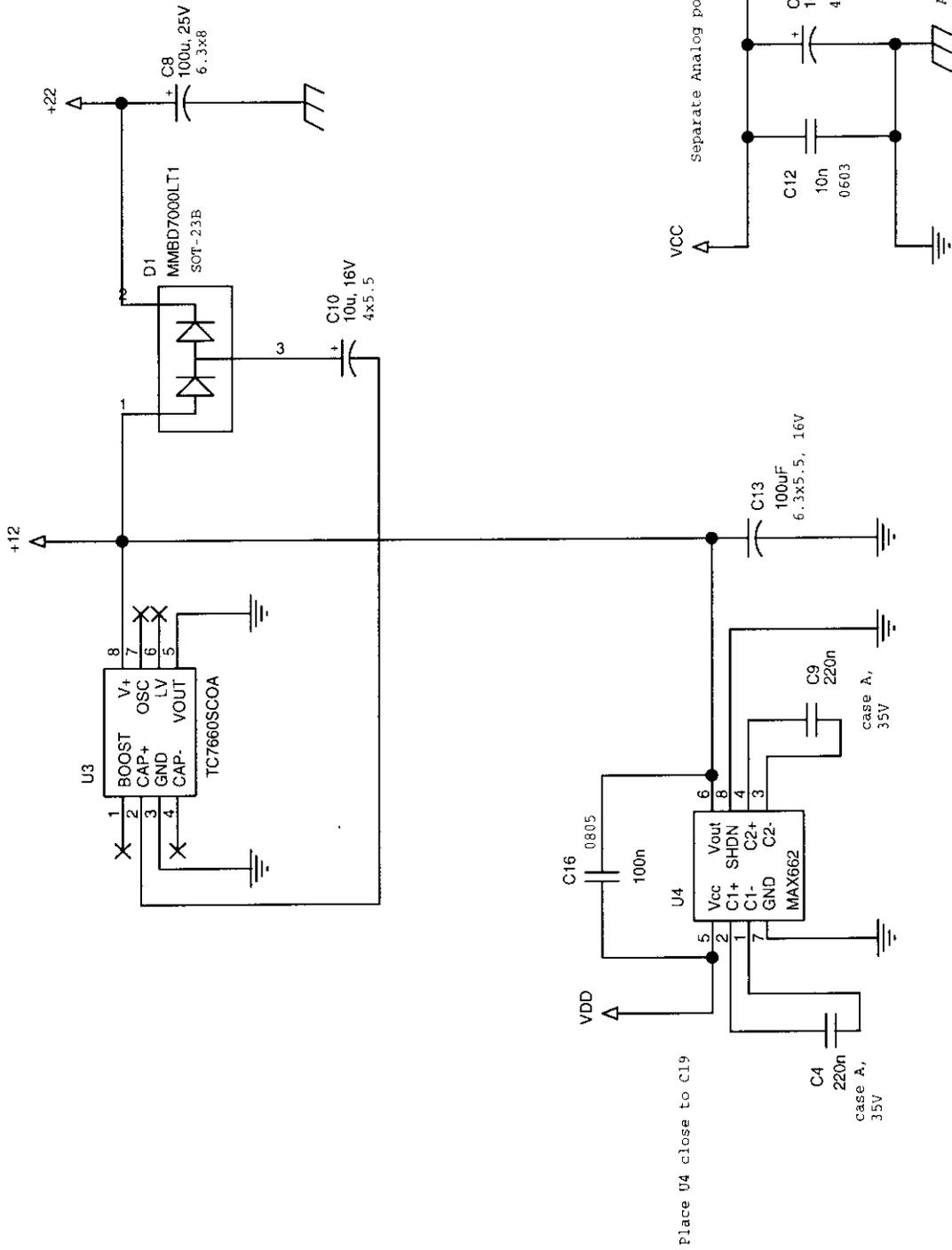


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Title		Mark II Processor Module	
Size	A	Document Number	DBI-0008-001-DW
Date:	Tuesday, April 21, 1998	Sheet	1 of 4
FCC ID: NEWAB2		Rev	
		7	

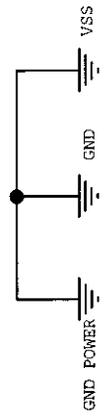


Title		Mark II Processor Module	
Size	A	Document Number	DBI-0008-001-DW
Date:	Tuesday, April 21, 1998	Sheet	2 of 4
FCC ID: NEW AB2		Rev	7

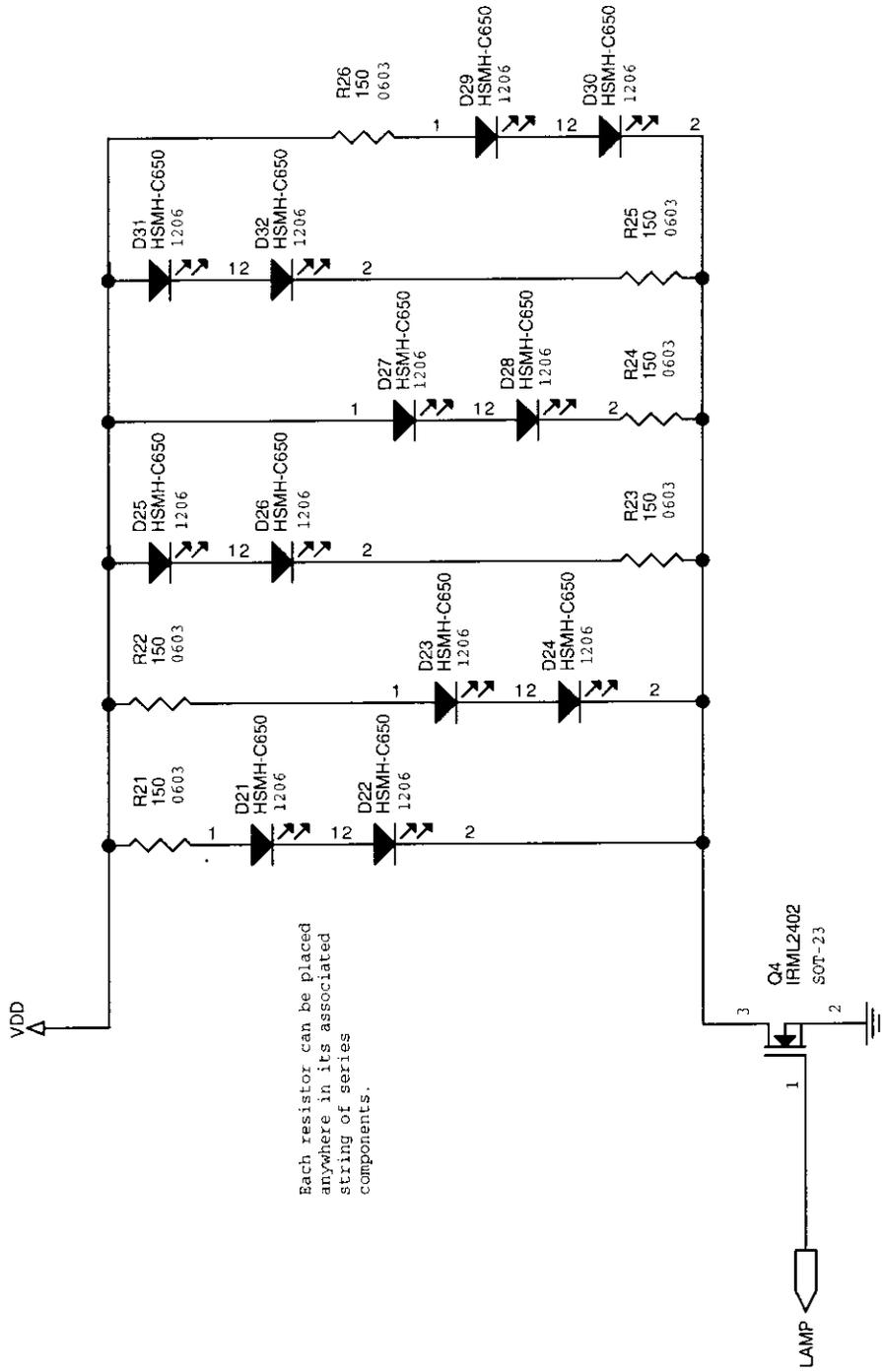


locate C12 close to U6

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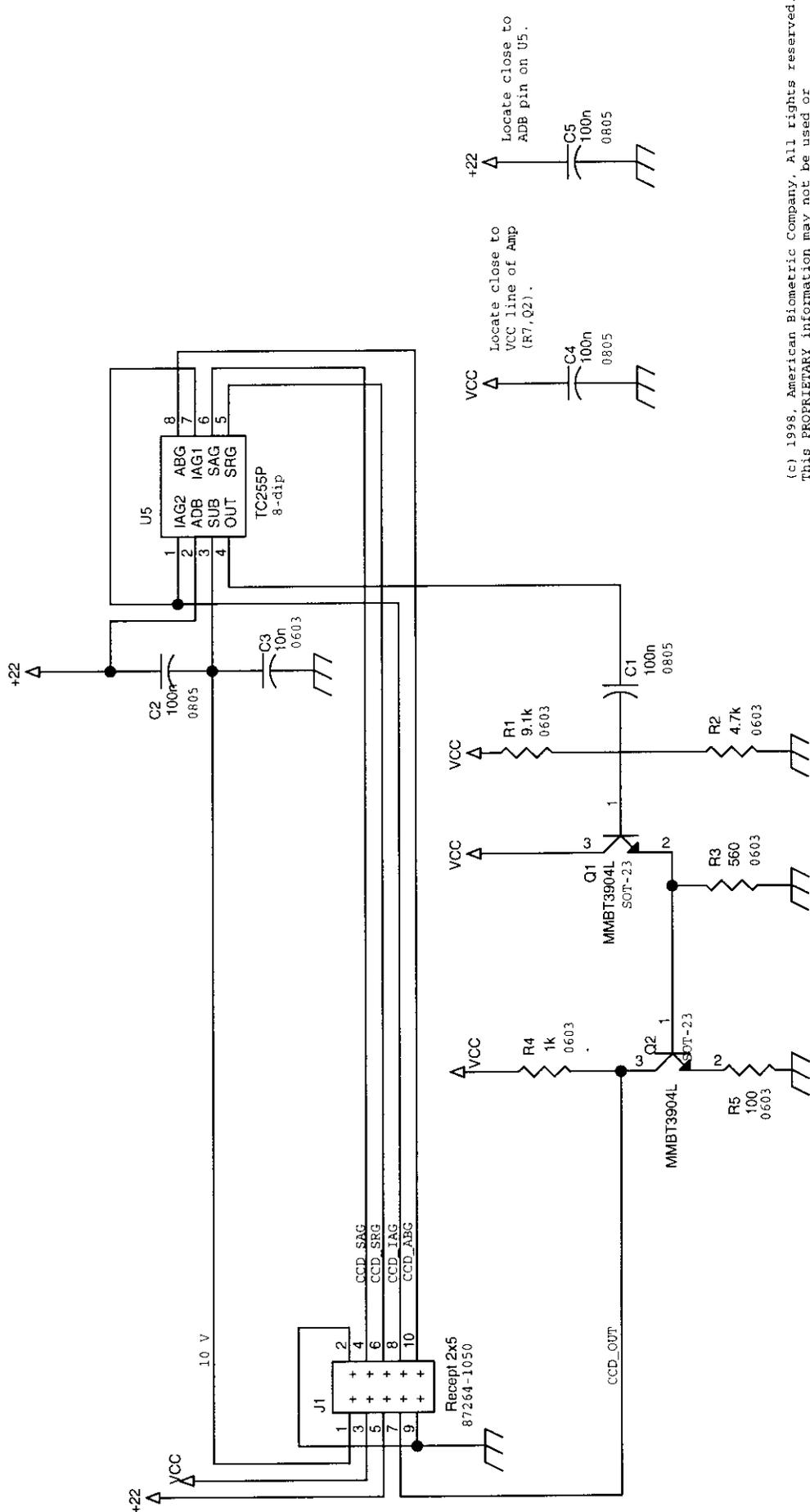
Title		Mark II Processor Module	
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Each resistor can be placed anywhere in its associated string of series components.

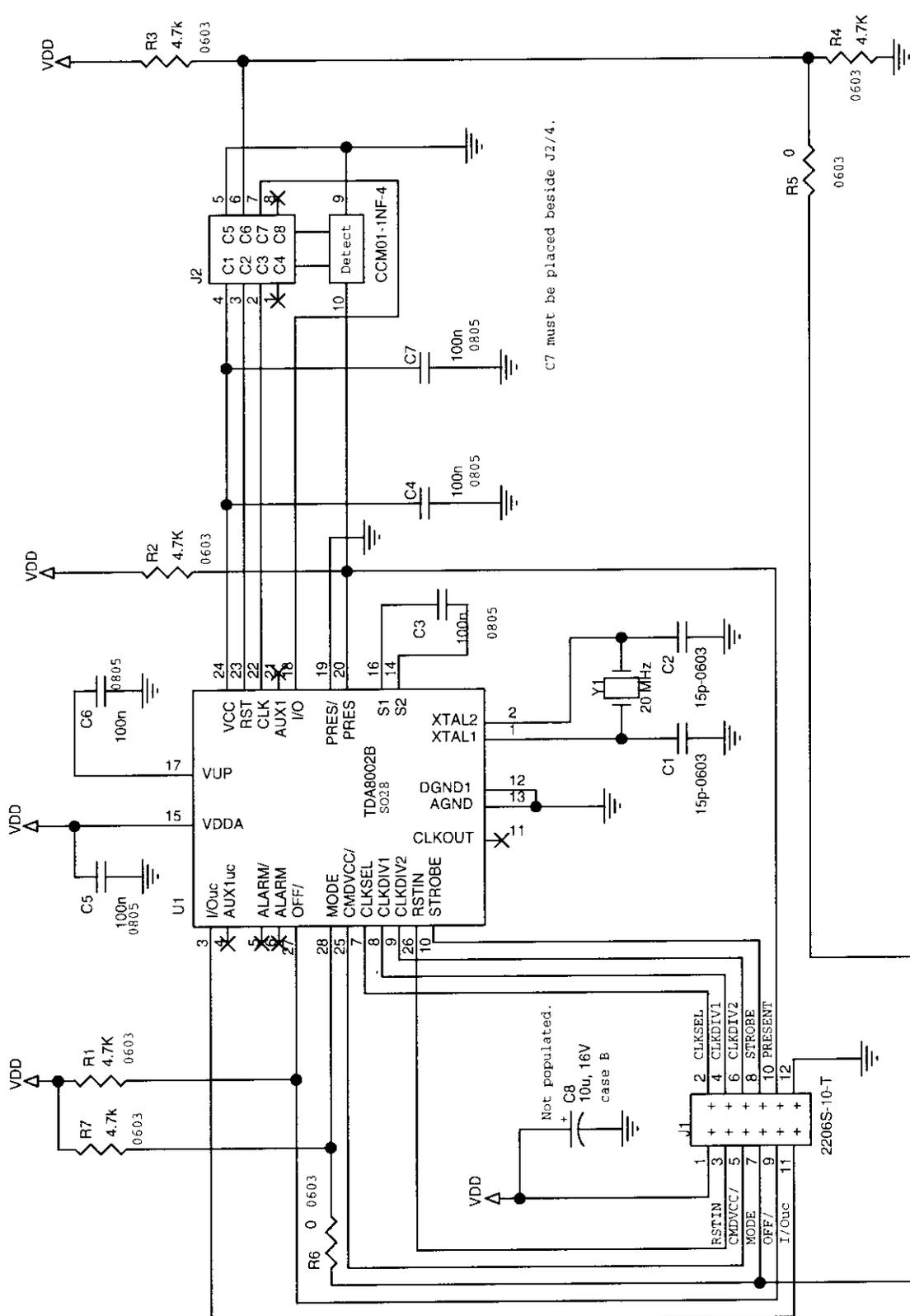
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Title		Mark II Imager Module	
Size	A	Document Number	DBI-0008-002-DW
Date:	Tuesday, April 21, 1998	Sheet	1 of 1
FCC ID: NEWAB2		Rev	4.1

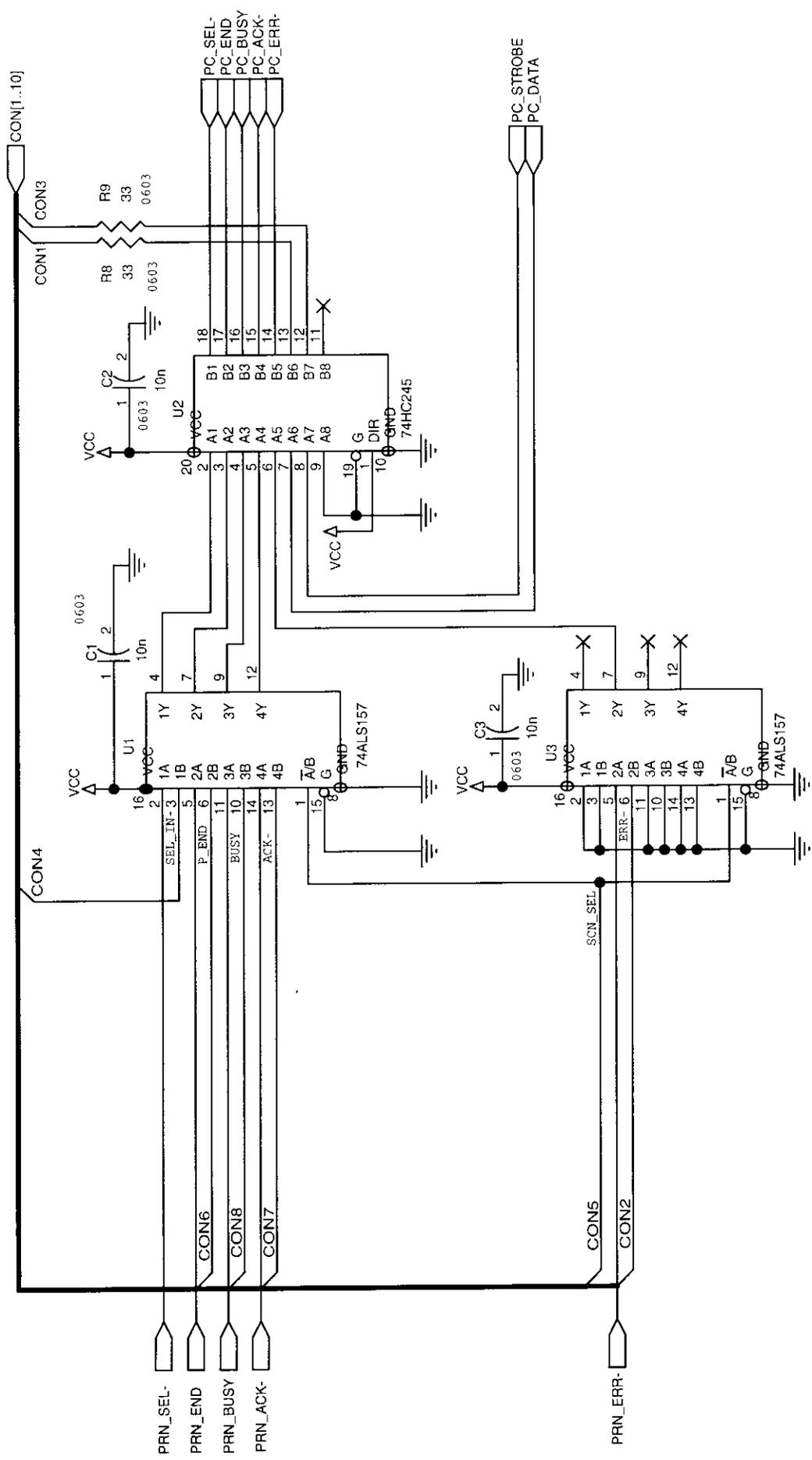


C7 must be placed beside J2/4.

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The following parts are not populated:  
 - R1, R2, R3, R4, R5, R6  
 That is, only R7 is populated.

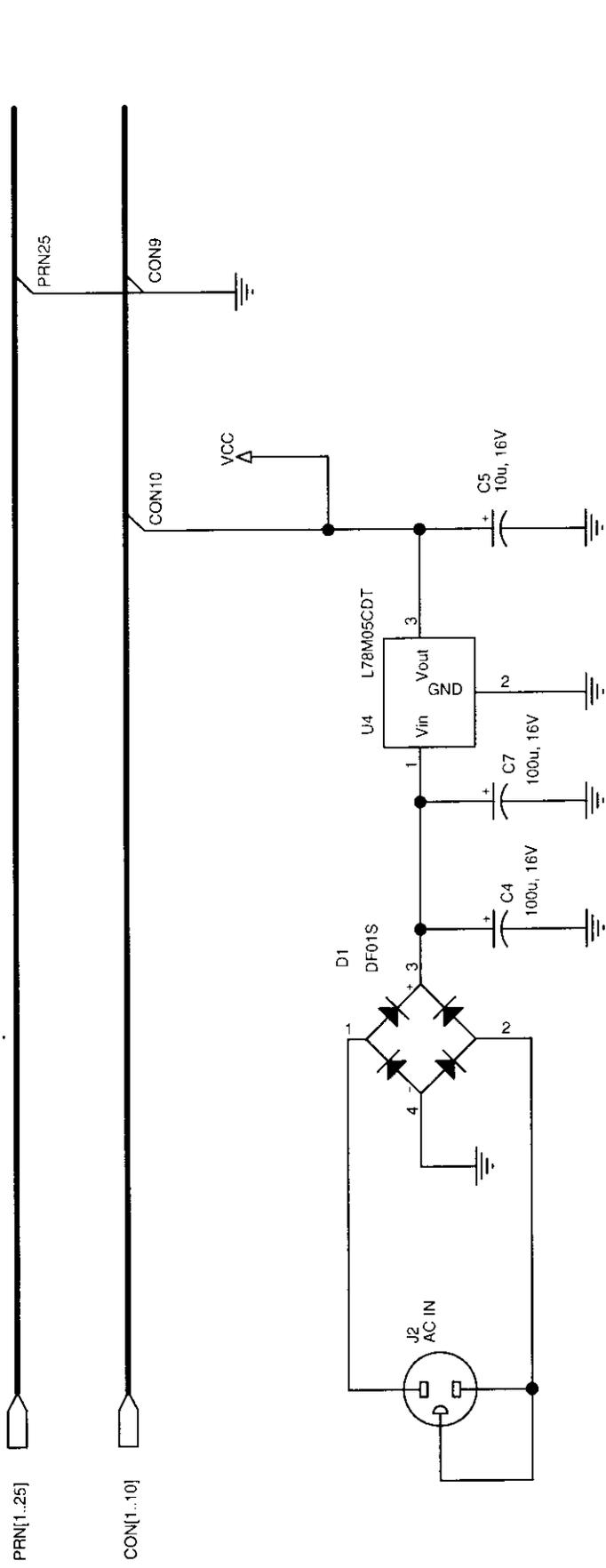
Title		Mark II Smart Card Module	
Size	A	Document Number	DBI-0008-003-DW
Date:	Tuesday, April 21, 1998	Sheet	1 of 1
FCC ID: NEWAB2		Rev 4	



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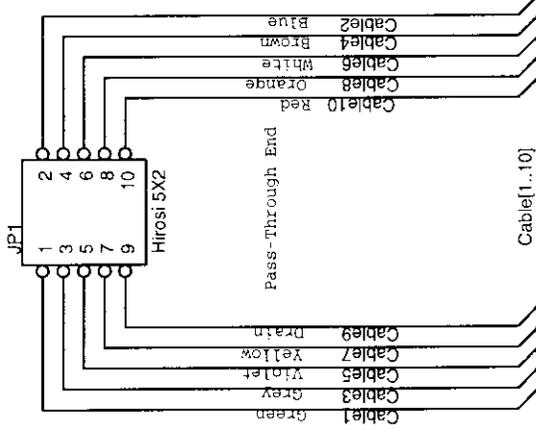
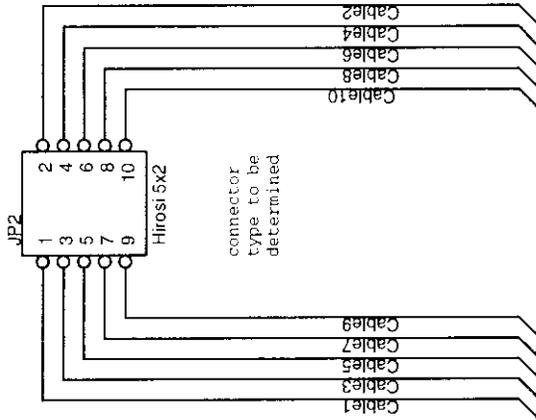
Title		Parallel Port Pass-Through Module	
Size	Document Number	FCC ID: NEWAB2	
A	DBI-0008-004-DW	Rev	5
Date:	Tuesday, April 21, 1998	Sheet	1 of 4





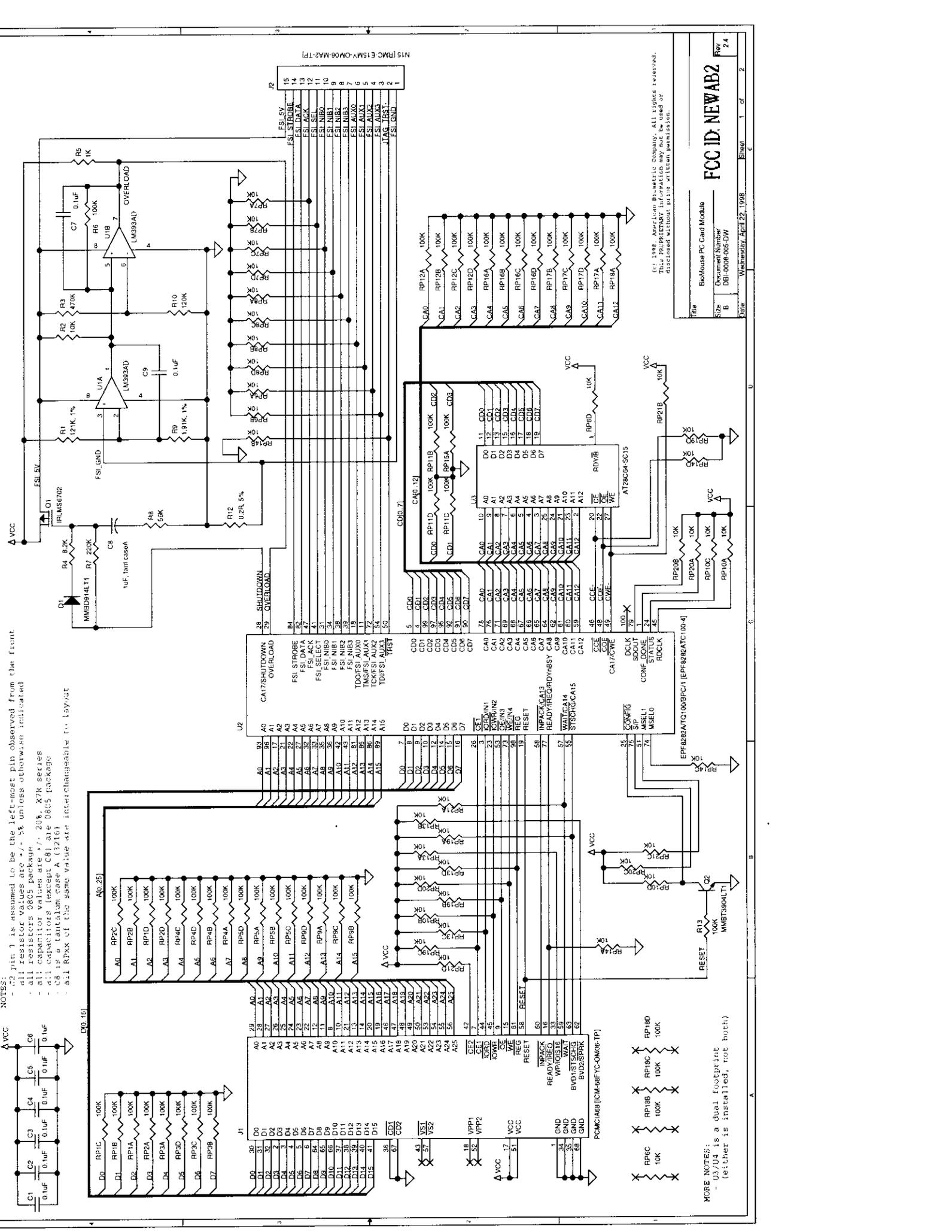
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Title		Parallel Port Pass-Through Module	
Size	A	Document Number	DBI-0008-004-DW
Date:	Tuesday, April 21, 1998	Sheet	3 of 4
FCC ID: NEWAB2		Rev	
		5	



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Title		Parallel Port Pass-Through Module		FCC ID: NEWAB2		Rev	
Size	A	Document Number	DBI-0008-004-DW				5
Date:	Wednesday, April 22, 1998		Sheet	4	of	4	



- NOTES:
- R3 pin 1 is assumed to be the left-most pin observed from the front.
  - all resistor values are +/- 5% unless otherwise indicated.
  - all capacitors 0605 package.
  - all capacitor values are +/- 20%, X7R series.
  - all capacitors except C6 are 0605 package.
  - C6 is a tantalum capacitor.
  - all RPKX C1 the same value are interchangeable to layout.

PCMCIA88 (ICM-58FC-OM06-TPI)

Rev 2.4

Sheet 1 of 2

FCC ID: NEWAB2

Document Number: DBI-0009-006-DW

Date: Wednesday, April 22, 1998

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BioMouse PC Card Module

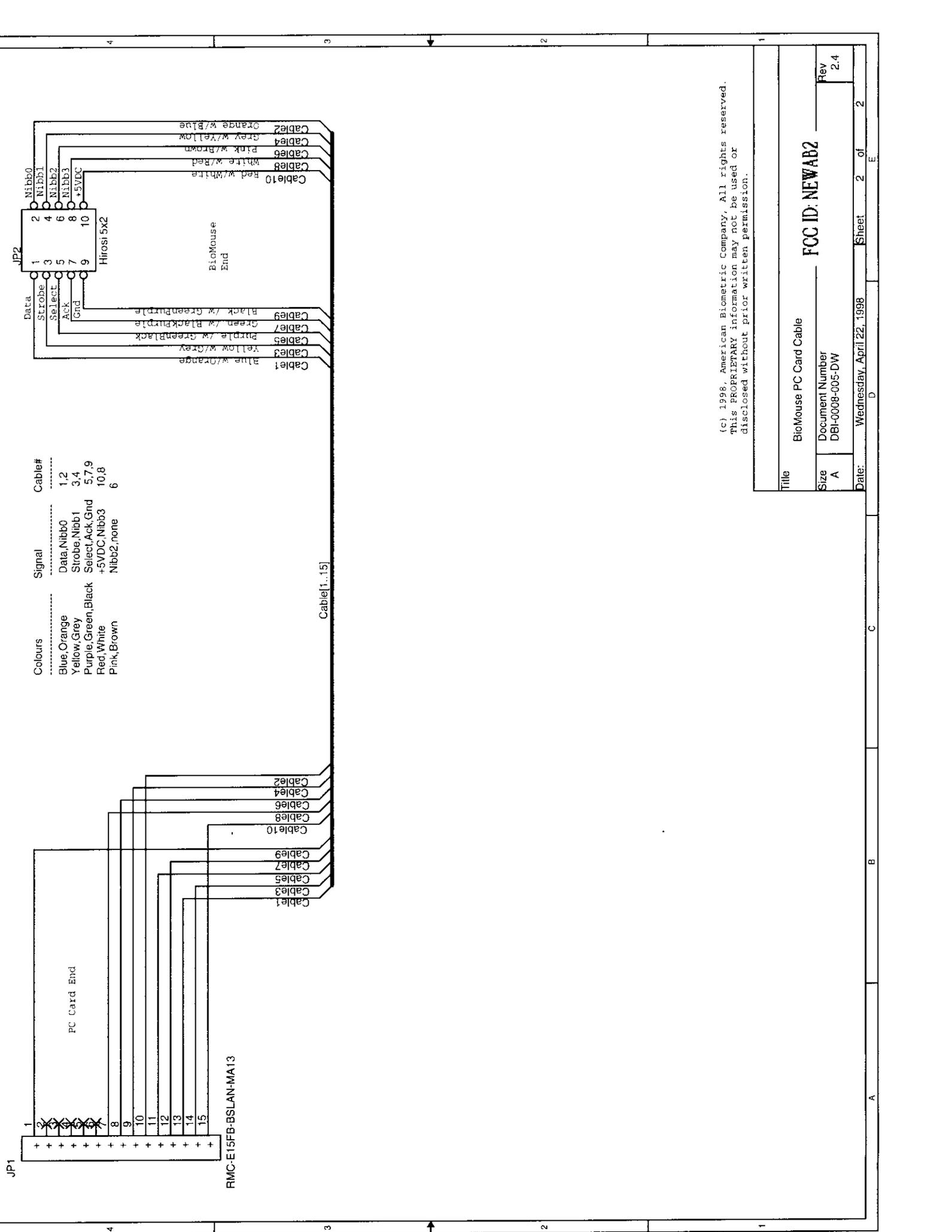
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Size: Document Number DBI-0009-006-DW

Date: Wednesday, April 22, 1998

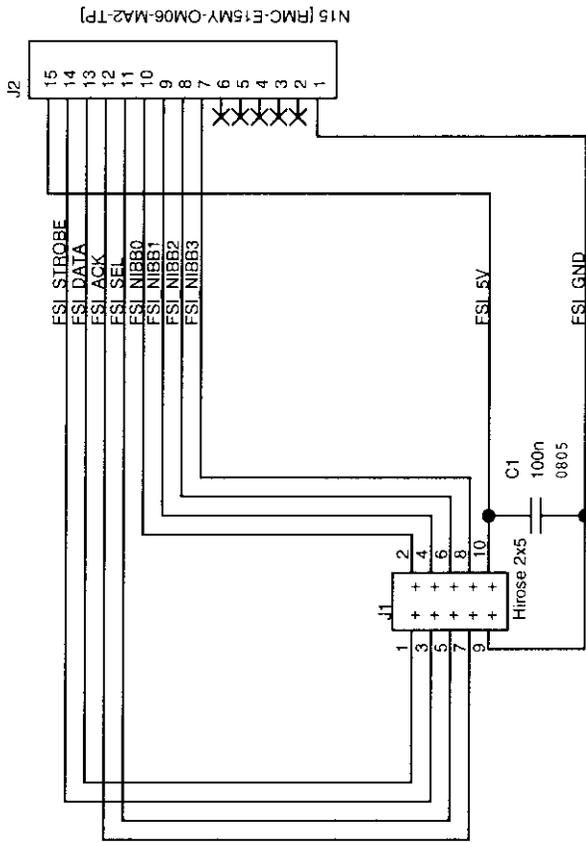
MORE NOTES:

- U3/U4 is a dual footprint (either is installed, not both)



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Title		BioMouse PC Card Cable		FCC ID: NEWAB2	
Size	A	Document Number	DBI-0008-005-DW	Rev	2.4
Date:	Wednesday, April 22, 1998	Sheet	2 of 2		



N15 [RMC-E1SMY-OM06-M2-TP]

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Title		Mark II Extension Board	
Size	A	Document Number	DBI-0008-006-DW
Date:	Friday, November 07, 1997	Sheet	1 of 1
FCC ID: NEWAB2		Rev	
		1	

## BioMouse+ PC Board (DBI-0008-005-DW)

Item	Parts Type	ID	Description	Mfr.	Part Number
3	Capacitor	C1	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C2	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C3	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C4	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C5	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C6	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C7	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
114	Capacitor	C8	SMT tantalum, caseA, 1uF, 16V, 10%	NIC	NTC-T 105M 16 TR B
3	Capacitor	C9	SMT chip cap, 0805, 100nF, 10% (not populated)	NIC	NMC 0805 X7R 104K 50 TR PL PM
115	Diode	D1	Switching diode, single, SOD123	Motorola	MMBD914LT1
134	Frame	F1	PCMCIA 0.6mm frame for 15pin socket	Honda	ICM-STD-68FR2-A15N-OM06
139	Cover	F2	PCMCIA Cover, heat adhesive	Honda	ICM-STD-68VMS2-A15HM-1CD
139	Cover	F3	PCMCIA Cover, heat adhesive	Honda	ICM-STD-68VMS2-A15HM-1CD
112	Connector	J1	PCMCIA 68-pin socket, 0.6mm offset	Honda	ICM-68FYC-OM06-TP
113	Receptacle	J2	PCMCIA 15-pin receptacle	Honda	RMC-E15MY-OM06-MA2-TP
116	MOSFET	Q1	P-channel power mosfet	IOR	IRLMS6702
24	BJT	Q2	BJT SOT-23 BJT, 10mA, 300 MHz	Motorola	MMBT3904LT1
119	Resistor	R1	SMT chip resistor, 121K, 0805, 1%	AVX	CR21-1213F-T
120	Resistor	R2	SMT chip resistor, 10K, 5%, 0805	AVX	CR21-103J-T
121	Resistor	R3	SMT chip resistor, 470K, 5%, 0805	AVX	CR21-474J-T
122	Resistor	R4	SMT chip resistor, 8.2K, 5%, 0805	AVX	CR21-822J-T
123	Resistor	R5	SMT chip resistor, 1K, 5%, 0805	AVX	CR21-102J-T
124	Resistor	R6	SMT chip resistor, 100K, 5%, 0805	AVX	CR21-104J-T
125	Resistor	R7	SMT chip resistor, 220K, 5%, 0805	AVX	CR21-224J-T
126	Resistor	R8	SMT chip resistor, 56K, 5%, 0805	AVX	CR21-563J-T
127	Resistor	R9	SMT chip resistor, 1.91K, 1%, 0805	AVX	CR21-1913F-T
128	Resistor	R10	SMT chip resistor, 120K, 5%, 0805	AVX	CR21-124J-T
130	Resistor	R12	SMT chip resistor, 0.2R, 5%, 0805	AVX	SR73K2AT0R20J
124	Resistor	R13	SMT chip resistor, 100K, 5%, 0805	AVX	CR21-104J-T
117	Res. Pack	RP1	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP2	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP3	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP4	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP5	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
118	Res. Pack	RP6	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
118	Res. Pack	RP7	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
118	Res. Pack	RP8	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
117	Res. Pack	RP9	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
118	Res. Pack	RP10	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
117	Res. Pack	RP11	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP12	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
118	Res. Pack	RP13	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
118	Res. Pack	RP14	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
117	Res. Pack	RP15	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP16	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP17	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
117	Res. Pack	RP18	SMT chip 4-resistor array, 100K, 5%	AVX	CRA3A 4E 104 J T
118	Res. Pack	RP19	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
118	Res. Pack	RP20	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
118	Res. Pack	RP21	SMT chip 4-resistor array, 10K, 5%	AVX	CRA3A 4E 103 J T
131	IC	U1	LM393 dual bipolar comparitors	Motorola	LM393AD
132	IC	U2	Flex8000 FPGA	Altera	EPF8282ATC100-4
133a	IC	U3	EEPROM 64KBit, 150ns, 30mA, SOIC	Atmel	AT28C64-SC15
133	IC	U4	EEPROM 64KBit, 150ns, 30mA, TSOP (not populated)	Atmel	AT28C64-TC15

## BioMouse+ Processor Board (DBI-0008-001-DW)

Itm	Parts.Type	Id	Description	Mfr	Part Number
75	Capacitor	C1	SMT chip cap, 0603, 15pF, 5%	NIC	NMC 0603 NPO 150J 50 TR PL PM
75	Capacitor	C2	SMT chip cap, 0603, 15pF, 5%	NIC	NMC 0603 NPO 150J 50 TR PL PM
2	Capacitor	C3	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR PL PM
99	Capacitor	C4	SMT chip cap, 1206,220nF,10%	Any	
3	Capacitor	C5	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
99	Capacitor	C6	SMT chip cap, 1206,220nF,10%	Any	
2	Capacitor	C7	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR PL PM
6	Capacitor	C8	SMT electrolytic cap, 100u, 25V, 20%, 6.3x8	NIC	NACE 101M 25V 6.3X8 TR 13
99	Capacitor	C9	SMT chip cap, 1206,220nF,10%	Any	
4	Capacitor	C10	SMT electrolytic cap, 16V, 10uF, 20%, 4x5.5	NIC	NACE 100M 16V 4X5.5 TR 13
4	Capacitor	C11	SMT electrolytic cap, 16V, 10uF, 20%, 4x5.5	NIC	NACE 100M 16V 4X5.5 TR 13
2	Capacitor	C12	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR PL PM
5	Capacitor	C13	SMT electrolytic cap, 16V, 100uF, 20%, 6.3x5.5	NIC	NACE 101M 16V 6.3X5.5 TR 13
4	Capacitor	C14	SMT electrolytic cap, 16V, 10uF, 20%, 4x5.5	NIC	NACE 100M 16V 4X5.5 TR 13
3	Capacitor	C20	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C16	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
5	Capacitor	C17	SMT electrolytic cap, 16V, 100uF, 20%, 6.3x5.5	NIC	NACE 101M 16V 6.3X5.5 TR 13
2	Capacitor	C18	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR PL PM
5	Capacitor	C19	SMT electrolytic cap, 16V, 100uF, 20%, 6.3x5.5	NIC	NACE 101M 16V 6.3X5.5 TR 13
21	Diode	D1	Diode pair, SOT-23 MMBD7000	Motorola	MMBD7000LT1
23	Zener Diode	D2	Zener diode, SOT-23, 10V	Motorola	MMBZ5240BLT1
21	Diode	D3	Diode pair, SOT-23 MMBD7000	Motorola	MMBD7000LT1
57	Diode	D21	LED HP high output red	HP	HSMH-C650
57	Diode	D22	LED HP high output red	HP	HSMH-C650
57	Diode	D23	LED HP high output red	HP	HSMH-C650
57	Diode	D24	LED HP high output red	HP	HSMH-C650
57	Diode	D25	LED HP high output red	HP	HSMH-C650
57	Diode	D26	LED HP high output red	HP	HSMH-C650
57	Diode	D27	LED HP high output red	HP	HSMH-C650
57	Diode	D28	LED HP high output red	HP	HSMH-C650
57	Diode	D29	LED HP high output red	HP	HSMH-C650
57	Diode	D30	LED HP high output red	HP	HSMH-C650
57	Diode	D31	LED HP high output red	HP	HSMH-C650
57	Diode	D32	LED HP high output red	HP	HSMH-C650
100	Header	J2	Header, straight, 2x5, 2.0mm, T/H, 0.157pin	Comm Con	2203S-10-T
102	Receptacle	J4	Recept, Side-entry, 2x6, 2.0mm, T/H	Molex	87264-1250
40	Socket	XU1	Socket, SMT for 44-pin PLCCs	Berg	PLCC-44P-T-SMT
24	BJT	Q1	BJT SOT-23 BJT, 10mA, 300 MHz	Motorola	MMBT3904LT1
111	MOSFET	Q4	Low Rds power MOSFET n-channel	IOR	IRLML2402
103	Resistor	R1	SMT chip resistor, 47k,0603, 5%, 63mW	Any	
55	Resistor	R2	SMT chip resistor, 110, 1206, 0.25W, 5%	Any	
56	Resistor	R3	SMT chip resistor, 180, 1206, 0.25W, 5%	Any	
9	Resistor	R4	SMT chip resistor, 470, 63mW, 0603, 5%	Any	
10	Resistor	R5	SMT chip resistor, 150, 63mW, 0603, 5%	Any	
11	Resistor	R6	SMT chip resistor, 560, 63mW, 0603, 5%	Any	
101	Resistor	R7	SMT chip resistor, 270, 1206, 5%, 0.25W	Any	
140	Resistor	R8	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
140	Resistor	R9	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
140	Resistor	R10	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
140	Resistor	R11	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
140	Resistor	R12	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
140	Resistor	R13	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
105	Resistor	R14	SMT chip resistor, 4.7k, 0603, 5%, 63mW	Any	
105	Resistor	R15	SMT chip resistor, 4.7k, 0603, 5%, 63mW	Any	
10	Resistor	R21	SMT chip resistor, 150, 63mW, 0603, 5%	Any	

10	Resistor	R22	SMT chip resistor, 150, 63mW, 0603, 5%	Any	
10	Resistor	R23	SMT chip resistor, 150, 63mW, 0603, 5%	Any	
10	Resistor	R24	SMT chip resistor, 150, 63mW, 0603, 5%	Any	
10	Resistor	R25	SMT chip resistor, 150, 63mW, 0603, 5%	Any	
10	Resistor	R26	SMT chip resistor, 150, 63mW, 0603, 5%	Any	
27	IC	U1	PIC16C65 microcontroller, 20MHz, PLCC44	Microchip	PIC16C65A-20/L
28	IC	U2	CCD driver, (TC4469)	Telcom	TC4469COE
32	IC	U3	Charge pump DC voltage convertor (7660)	Telcom	TC7660SCOA
98	IC	U4	Charge pump, +12VDC, 30mA supply	Maxim	MAX662ACSA
33	IC	U6	A/D Converter, 20 MSa/s, 6-bit (1172)	Harris	HI1172JCB, CXD1172AM
59	Crystal	Y1	Crystal, 20 MHz SMD, CX051, 18pF	Cardinal	CX051Z-A0B2C2-40-20.0D18

### BioMouse+ Imager Board (DBI-0008-002-DW)

Item	Parts Type	Id	Description	Mfr	Part Number
3	Capacitor	C1	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR
3	Capacitor	C2	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR
2	Capacitor	C3	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR
3	Capacitor	C4	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR
3	Capacitor	C5	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR
106	Receptacle	J1	Recept, Side-entry, 2x5, 2.0mm, T/H	Molex	87264-1050
24	BJT	Q1	BJT SOT-23 BJT, 10mA, 300 MHz	Motorola	MMBT3904LT1
24	BJT	Q2	BJT SOT-23 BJT, 10mA, 300 MHz	Motorola	MMBT3904LT1
104	Resistor	R1	SMT chip resistor, 9.1K, 0603, 5%, 63mW	Any	
105	Resistor	R2	SMT chip resistor, 4.7k, 0603, 5%, 63mW	Any	
11	Resistor	R3	SMT chip resistor, 560, 63mW, 0603, 5%	Any	
8	Resistor	R4	SMT chip resistor, 1K, 63mW, 0603, 5%	Any	
91	Resistor	R5	SMT chip resistor, 100, 63mW, 0603, 5%	Any	
97	IC	U5	CCD 320x240 greyscale (TC255P)	TI	TC255P

### BioMouse+ Smartcard Board (DBI-0008-003-DW)

Item	Parts Type	Id	Description	Mfr	Part Number
75	Capacitor	C1	SMT chip cap, 0603, 15pF, 5%	NIC	NMC 0603 NPO 150J 50 TR PL PM
75	Capacitor	C2	SMT chip cap, 0603, 15pF, 5%	NIC	NMC 0603 NPO 150J 50 TR PL PM
3	Capacitor	C3	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C4	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C5	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C6	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
3	Capacitor	C7	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
46	Capacitor	C8	SMT tant. Cap., 10uF, 16V, 20% (Not populated)	NIC	NTC-T 106M 16 TR B
109	Header	J1	Header, straight, 2x6, 2.0mm, T/H, 0.245 pin	Comm	2206S-10-T
108	Connector	J2	Smart card connector, 16 contacts	ITT Can	CCM01-2-NF-4
105	Resistor	R1	SMT chip resistor, 4.7k, 0603, 5%, 63mW	Any	
105	Resistor	R2	SMT chip resistor, 4.7k, 0603, (Not populated)	Any	
105	Resistor	R3	SMT chip resistor, 4.7k, 0603, (Not populated)	Any	
105	Resistor	R4	SMT chip resistor, 4.7k, 0603, (Not populated)	Any	
141	Resistor	R5	SMT chip resistor, 0R, 0603 (Not populated)	Any	
141	Resistor	R6	SMT chip resistor, 0R, 0603 (Not populated)	Any	
105	Resistor	R7	SMT chip resistor, 4.7k, 0603, 5%, 63mW	Any	
107	IC	U1	Smart card interface controller, TDA8002B	Phillips	TDA8002BT/5/C2
59	Crystal	Y1	Crystal, 20 MHz SMD, CX051, 18pF	Cardinal	CX051Z-A0B2C2-40-20.0D18

## BioMouse+ Pass-through Board (DBI-0008-004-DW)

FCC ID: NEWAB2

Item	Parts Type	Id	Description	Mfr	Part Number
2	Capacitor	C1	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR
2	Capacitor	C2	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR
2	Capacitor	C3	SMT chip cap, 0603, 10nF, 10%	NIC	NMC 0603 X7R 103K 50 TR
5	Capacitor	C4	SMT electrolytic cap, 100u, 16V, 20%, 6.3x5.5	NIC	NACE 101M 16V 6.3X5.5 TR 13
4	Capacitor	C5	SMT electrolytic cap, 16V, 10uF, 20%, 4x5.5	NIC	NACE 100M 16V 4X5.5 TR 13
5	Capacitor	C7	SMT electrolytic cap, 100u, 16V, 20%, 6.3x5.5	NIC	NACE 101M 16V 6.3X5.5 TR 13
3	Capacitor	C8	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
37	Diode	D1	Diode, 100 PIV, 1A diode bridge	SGS	DF01S
	Header	J1	Hirose 2xs5 connector <b>(Not populated)</b>	Hirose	DF4
52	Connector	J2	Power jack, subminiature board-mount 2.0 mm	PDI	DC-01-A-CRSN
44	Connector	P1	DB25M 0.318 ft, 0.125 non-thrd insert, no gnd fork	Oupiin	706-25MG
45	Connector	P2	DB25F 0.318 ft, thrd insert w/screw, no gnd fork	Oupiin	706-25FA
41	IC	U1	Quad 1x2 MUX, SMT TTL ALS157	TI	SN74ALS157ADR
43	IC	U2	Octal bi-dir buffer, SMT TLL-comp., HC245	Motorola	74HC245
41	IC	U3	Quad 1x2 MUX, SMT TTL ALS157	TI	SN74ALS157ADR
110	IC	U4	Regulator, 5V, 0.5 A linear, DPAK (SM) pkg	SGS	L78M05CDT
138	Resistor	R1	SMT chip resistor, 0603, 10k, 5%, 63mW	AVX	CR10-103J-T
138	Resistor	R2	SMT chip resistor, 0603, 10k, 5%, 63mW	AVX	CR10-103J-T
138	Resistor	R3	SMT chip resistor, 0603, 10k, 5%, 63mW	AVX	CR10-103J-T
138	Resistor	R4	SMT chip resistor, 0603, 10k, 5%, 63mW	AVX	CR10-103J-T
138	Resistor	R5	SMT chip resistor, 0603, 10k, 5%, 63mW	AVX	CR10-103J-T
138	Resistor	R6	SMT chip resistor, 0603, 10k, 5%, 63mW	AVX	CR10-103J-T
138	Resistor	R7	SMT chip resistor, 0603, 10k, 5%, 63mW	AVX	CR10-103J-T
140	Resistor	R8	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
140	Resistor	R9	SMT chip resistor, 0603, 33R, 5%, 63mW	AVX	CR10-330J-T
	ResNetwork	RN1	SMT resistor network 1.2K, <b>(Not populated)</b>	NA	NA
	ResNetwork	RN2	SMT resistor network 1.2K, <b>(Not populated)</b>	NA	NA

## BioMouse+ Extension Board (DBI-0008-006-DW)

Item	Parts Type	Id	Description	Mfr	Part Number
3	Capacitor	c1	SMT chip cap, 0805, 100nF, 10%	NIC	NMC 0805 X7R 104K 50 TR PL PM
113	Receptacle	J2	PCMCIA 15-pin receptacle	Honda	RMC-E15MY-OM06-MA2-TP
	Header	J1	Hirose 2xs5 connector <b>(Not populated)</b>	Hirose	DF4