

Parts List for 56KB Modem - Receive Data Decoder board rev. B  
 Schematic: Decoder  
 Board Code: DEC (ID# 021987-B)  
 Last modified: 2/15/88 (WA4DSY)

Capacitors (All caps have .200 inch lead spacing)

Digi-Key stock #

C1	470 PF	5% Polypropylene	P3471
C2	470 pF	5% Polypropylene	P3471
C3	1000 pF	5% Polypropylene	P3102
C4	1000 pF	5% Polypropylene	P3102
C5	1000pF	5% Polypropylene	P3102
C6	.1 uF	20% ceramic or film	P4525
C7	.1 uF	20% ceramic or film	P4525
C8	1000 pF	5% Polypropylene	P3102
C9	1000 pF	5% Polypropylene	P3102
C10	100 pF	10% ceramic disk	P4116
C11	.01 uF	10% mylar film	P4513
C12	NOT USED		
C13	.1 uf	20% ceramic or film	P4525
C14	1.0 uF	20% Electrolytic or Tantalum 16v	P6260
C15	1.0 uF	20% Electrolytic or Tantalum 16v	P6260
C16	1.0 uF	20% Electrolytic or Tantalum 16v	P6260

#### Resistors

R1	5.6 Kohm	composition or film
R2	5.6 Kohm	composition or film
R3	4.7 Kohm	composition or film
R4	3.9 Kohm	composition or film
R5	100 Kohm	composition or film
R6	10 Kohm	composition or film
R7	33 Kohm	composition or film
R8	NOT USED	
R9	33 Kohm	composition or film
R10	1 Kohm	composition or film
R11	10 Kohm	composition or film
R12	330 Kohm	composition or film
R13	1 Kohm	composition or film
R14	10 Kohm	composition or film
R15	220 Kohm	composition or film
R16	22 Kohm	composition or film
R17	10 Kohm	composition or film
R18	10 Kohm	composition or film
R19	1 Kohm	composition or film
R20	3.3 Kohm	composition or film
R21	27K Kohm	composition or film
R22	4.7 Kohm	composition or film
R23	10 Kohm	composition or film
R24	100 Kohm	composition or film
R25	100 Kohm	composition or film
R26	3.3 Kohm	composition or film
R27	27 Kohm	composition or film
R28	1 Kohm	composition or film
R29	4.7 Kohm	composition or film

R30	13 Kohm	composition or film	
R31	1K	composition or film	
R32	10K	composition or film	
VR1	10 Kohm	3/8" square single turn pot	OFA14
VR2	10 Kohm	3/8" square single turn pot	OFA14
VR3	10 Kohm	3/8" square single turn pot	OFA14

#### Integrated Circuits

U1	TL084	quad op amp
U2	TL084	quad op amp
U3	LM319	Comparator
U4	MC14053	Analog Switch
U5	MC14013	Dual D Flip Flop
U6	MC14013	Dual D Flip Flop
U7	NE555	timer (NOT CMOS)
U8	MC14070	quad exclusive-or
U9	MC14006	Shift Register
U10	MC14053	Analog Switch
U11	LM1458	dual op amp

#### Transistors

Q1	2N4401	transistor
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#### Connectors

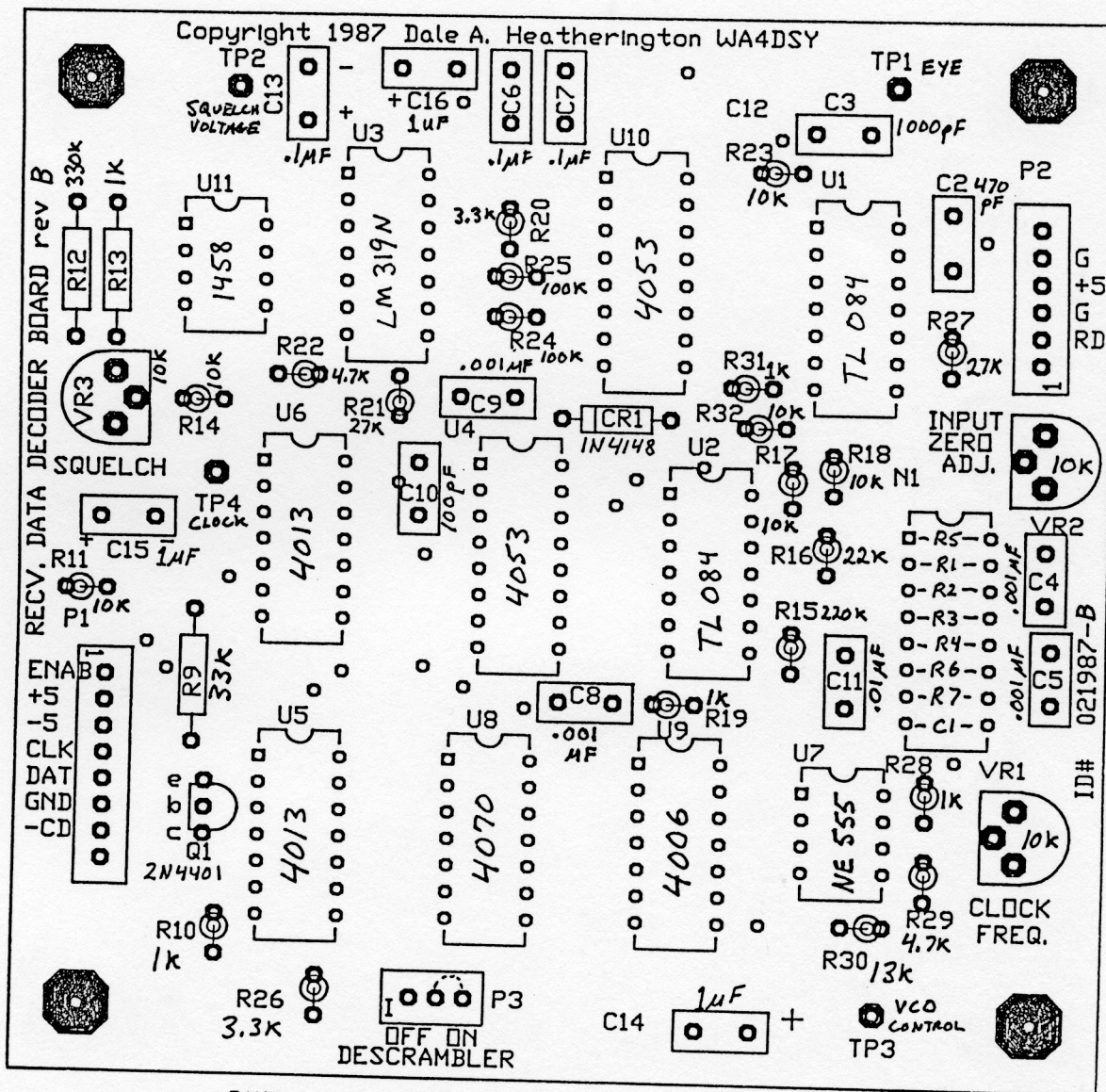
J1 Molex 8 Pin .1 centers  
J2 Molex 6 Pin .1 centers

#### Diode

CR1	1N4148	Diode
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End of Parts List for Receive Data Decoder board





	- BAUD -			
	19.2K	28K	56K	NI PINS
R1	16K	11K	5.6K	2, 15
R2	16K	11K	5.6K	3, 14
R3	22K	15K	4.7K	4, 13
R4	11K	8.2K	3.9K	5, 12
R5	270K	200K	100K	1, 16
R6	27K	20K	10K	6, 11
R7	12K	15K	33K	7, 10
C1	.0015uf	1000pf	470pf	8, 9