

PARTS LIST

ProData Interface

April 15, 2001

Reference	Description	Qty	Part Number
R8, R16, R17	470 Ohm, 1/4 Watt, 5% Resistor	3	Digi-Key 470QBK-ND
R21	4.7K, 1/4 Watt, 5% Resistor	1	Digi-Key 4.7KQBK-ND
R1, R5, R12, R15, R25	10K, 1/4 Watt, 5% Resistor	5	Digi-Key 10KQBK-ND
R13, R20	22K, 1/4 Watt, 5% Resistor	2	Digi-Key 22KQBK-ND
R6	47K, 1/4 Watt, 5% Resistor	1	Digi-Key 47KQBK-ND
R29	68K, 1/4 Watt, 5% Resistor	1	Digi-Key 68KQBK-ND
R3, R4, R10, R11, R18, R23, R24, R27, R28, R30	100K, 1/4 Watt, 5% Resistor	10	Digi-Key 100KQBK-ND
R26	220K, 1/4 Watt, 5% Resistor	1	Digi-Key 220KQBK-ND
R2, R14,R19	1-Meg, 1/4 Watt, 5% Resistor	3	Digi-Key 1MQBK-ND
R7	1K Potentiometer	1	Digi-Key CT2251-ND
R9, R22	25K Potentiometer	2	Digi-Key CT2255-ND
Rx	Not used	0	
C1 - C14	0.0047 Mfd, 50V Cerarmic Capacitor	14	Digi-Key P4950-ND

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C15, C17, C19, C23 C24, C26, C27, C28, C29, C31	0.1 Mfd, 50V Metal Film Capacitor	10	Digi-Key P4525-ND
C22	0.47 Mfd, 35V Tantalum Capacitor	1	Digi-Key P2057-ND
C16, C20, C21, C25	1 Mfd, 16V Tantalum Capacitor	4	Digi-Key P2105-ND
C18	10 Mfd, 16V Tantalum Capacitor	1	Digi-Key P2038-ND
C30	22 Mfd, 16 VDC Tantalum Capacitor	1	Digi-Key P2040-ND
L1, L2, L4, L5, L6, L8 - L14	100 uH Inductor, 125 mA	12	Digi-Key M7837-ND
L3, L7	100 uH Inductor, 760 mA	2	Mouser 542-5300-25
U1, U3	TL072CP Op-Amp	2	Digi-Key 296-1775-5-ND
U2	CD40106B Hex Schmitt Trigger	1	Digi-Key CD40106BCN-ND
U4	4N29A Darlington Opto-Isolator	1	Digi-Key 4N29ASHORT-ND
U5	78L09 Voltage Regulator	1	DigiKey NJM78L09A-ND
Q1, Q2	2N5486 FET	2	Mouser 610-2N5486
Q3	ZVP2106A FET	1	Digi-Key ZVP2106A-ND
Q4, Q5	ZVN2106A FET	2	Digi-Key ZVN2106A-ND
DS1	Bi-Color LED	1	Digi-Key L20048-ND

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D1, D2, D3, D5, D6	1N4148	5	Digi-Key 1N4148DICT-ND
D4	1N4007	1	Digi-Key 1N4007GICT-ND
T1, T2	1:1 Transformer	2	Mouser ME429-7216
SW1	4PDT Push Button Switch	1	Digi-Key CKN1195-ND
----	Black Switch Cap	1	Digi-Key CKN1199-ND
SW2	SPDT Mini Slide Switch	1	Digi-Key CKN5007-ND
J1, J2	8-Pin DIN Receptacle	2	Digi-Key 275-1027-ND
J3, J4, J5	3.5mm Stereo Jack	3	Digi-Key CP-3523NG-ND
----	Shielded cable with 3.5mm stereo plug	3	Mouser 172-2206
----	Shielded Cable with 8-pin DIN plug	1	Mouser 172-0008
J6	9-Pin female "D" connector	1	Mouser 156-1309
----	"D" connector hood	1	Mouser 156-3009
P2, P4	3.5mm stereo phone plug	2	Mouser 17PP004
P7	8-in DIN plug	1	Mouser 171-0278
----	4-40 x 1/4-inch male/female threaded standoff	1	Mouser 534-8712
----	4-40 x 1/4-inch machine screw	1	Mouser 561-P440.25
----	4-40 nut	1	Mouser 5721-440

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----	#4 lock washer	2	Mouser 5721-LWS-4
----	#4 flat washer	2	Mouser 524-11-142C
----	Polyurethane feet	4	Mouser 517-SJ-5007BK
----	Printed Circuit Board	1	-----