

1: VOLTAGE CONTROLLED ADSR Revised: Thursday, July 19, 2001

2: Revision: A

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4: Jim Patchell

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10: Bill Of Materials July 21,2001 18:54:53 Page1

11:

12: Item Quantity Reference Part Part Number

13:

14:

15:	1	2	C1,C6 .01uF 23PS310		
16:	2	8	C2,C3,C4,C5,C7,C8,C9,C10	100pF	140-50P2-101K
17:	3	3	C11,C12,C13 1uF 540-1.0M35		
18:	4	33	C14,C15,C16,C17,C18,C19,	.1uF	80-C410C104M5U
19:			C20,C21,C22,C23,C24,C25,		
20:			C26,C27,C28,C29,C30,C31,		
21:			C32,C33,C34,C35,C36,C37,		
22:			C38,C39,C40,C41,C42,C43,		
23:			C44,C45,C46		
24:	5	24	D1,D2,D3,D4,D5,D6,D7,D8,	1N914	78-1N914
25:			D9,D10,D11,D12,D13,D14,		
26:			D15,D16,D17,D18,D19,D20,		
27:			D21,D22,D23,D24		
28:	6	1	P1 POWER		
29:	7	2	P2,P3 ADSR 571-1033097		
30:	8	15	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,	2N3906	2N3906
31:			Q9,Q10,Q11,Q12,Q13,Q14,		
32:			Q18		
33:	9	2	Q15,Q16 2N3904 2N3904		
34:	10	1	Q17 2N3906		
35:	11	50	R1,R4,R7,R10,R13,R16,R19,	100K	271-100K
36:			R20,R21,R22,R25,R26,R27,		
37:			R29,R33,R34,R36,R39,R42,		
38:			R43,R45,R46,R47,R55,R56,		
39:			R57,R59,R60,R61,R62,R63,		
40:			R66,R67,R68,R70,R74,R75,		
41:			R77,R80,R83,R84,R86,R87,		
42:			R88,R96,R97,R98,R100,		
43:			R107,R120		
44:	12	6	R2,R5,R8,R11,R14,R17	22K	271-22K
45:	13	6	R3,R6,R9,R12,R15,R18	499	271-499
46:	14	27	R23,R24,R28,R30,R32,R38,	10.0K	271-10K
47:			R48,R50,R52,R54,R58,R64,		
48:			R65,R69,R71,R73,R79,R89,		
49:			R91,R93,R95,R99,R101,		
50:			R106,R119,R121,R122		
51:	15	4	R31,R35,R72,R76 2.2M	271-2.2M	
52:	16	4	R37,R40,R78,R81 200	271-200	
53:	17	4	R41,R44,R82,R85 4.99K	271-4.99K	
54:	18	12	R49,R51,R90,R92,R102,	1K	271-1K
55:			R111,R113,R114,R115,R116,		
56:			R117,R118		
57:	19	2	R53,R94 1.00M	271-1M	
58:	20	1	R103 10K		
59:	21	2	R108,R104 10	271-10	
60:	22	1	R105 30K	271-30K	
61:	23	2	R109,R112 R		
62:	24	1	R110 24.9K	271-24.9K	
63:	25	14	U1,U4,U5,U6,U7,U9,U12,	TL072	511-TL072CN
64:			U13,U14,U16,U17,U18,U19,		
65:			U23		
66:	26	3	U2,U8,U15 DG211	DG211CJ	
67:	27	1	U3 CA3280E	CA3280E	
68:	28	1	U10 74HC74	511-M74HC74	
69:	29	1	U11 74HC139	511-M74HC139	
70:	30	1	U20 LM336	511-LM336Z	
71:	31	1	U22 LM78L05	511-L78L05ABZ	
72:					