

PARTS LIST * ARIES MODULE AR-312 * ENVELOPE GENERATOR ADSR

NUMBER	QUANTITY	DESCRIPTION	VALUE AND RATINGS
C1,2	2	Capacitor, Disc	0.1 mfd, 25v
C3,4	2	" "	.01 mfd
C5	1	" "	.001 mfd
C6	1	Capacitor, Tantalum	2.2 mfd, 22v
D1 thru 15	15	Diode, Silicon	1N 914, 1N4148 or equivalent
Q1,3 4 5 8 9	6	Transistor, NPN	2N3393 or TE3393
Q2,6,7,10,11	5	Transistor, PNP	2N3638
R1,5,8,9,23	5	Resistor, Carbon	100k, 10%
R2	1	" "	2.2k, 10%
R3,4,6,17	4	" "	10k, 10%
R7,32	2	" "	39k, 10%
R10,30	2	" "	470k, 10%
R11, 12, 14, 15	4	" "	33k, 10%
R13	1	" "	68k, 10%
R16	1	" "	180k, 10%
R18	1	" "	1.2k, 10%
R19	1	" "	4.7k, 10%
R20	1	Potentiometer, 1/4" Shaft	100k, linear
R21, 31, 34	3	Resistor, Carbon	22k, 10%
R22	1	" "	47k, 10%
R24,27,28	3	Potentiometer, 1/4" Shaft	1 Meg, Log
R25,26,33	3	Resistor, Carbon	1k, 10%
R29	1	" "	470 ohm, 10%
S1	1	Switch, Pushbutton	Momentary SPST
	2	P C Card Guides	
	1	Printed Circuit Board	
	1	Front Panel	
	4	Knobs, 1/4" shaft	
	1	Frame	
	2	Brackets	
	6	Screw, 4-40 x 3/16"	
	6	Nut, 4-40	
	2	Fiber Washer	
	12	Jacks Mini Phone	