

PARTS LIST * AR-314 * VOLTAGE CONTROLLED LOWPASS FILTER

PART NUMBERS	QUANTITY	DESCRIPTION	VOLTAGE AND RATINGS
C1, 2	2	Capacitor, Disc	0.01 mfd
C3	1	" "	0.001 mfd
C4	1	" "	33 pf
C5, 7	2	Capacitor, Mica	330 pf
C6, 8	2	Capacitor, Disc	150 pf
Q4, 5	2	N-Channel FET	Siliconix E-212
R1, 38	2	Potentiometer	100K, linear
R2	1	Resistor	150K, 10%
R3, 8, 39, 40, 41	5	Resistor	100K, 5%
R4	1	"	33K, 5%
R5, 6, 20	3	Trimpot	50K, linear
R7	1	Resistor	470K, 5%
R9	1	"	1 meg, 5%
R14	1	"	330K, 5%
R11	1	"	10 ohm, 10%
R12, 21, 25	3	"	4.7K, 10%
R13	1	Trimpot	10K, linear
R15, 18, 19, 22, 29, 34, 35, 36	8	Resistor	100K, 10%
R16, 17	2	"	100 ohm, 10%
R23	1	"	12K, 10%
R24, 27	2	"	33 ohm, 10%
R26	1	"	15K, 10%
R28	1	Potentiometer	1 meg log
R30, 31, 32, 33	4	Resistor	1K, 10%
R37	1	Potentiometer	100K, log
U1, 3, 5	3	Operational Amplifier	LM301A
U2, 4	2	Operational Transconductance Amp	CA3080
	1	Printed Circuit Board	
	1	Front Panel	
	1	Frame	
	4	Knobs	
	12	Jack, Mini-phone	
	1	Bracket, large	
	1	Bracket, small	
	6	Screw, 4-40x3/16"	
	6	Nut, 4-40	
	2	PC Card Guides	