

3340 VCO BOM

Reference	Package	Quantity	Value
R1,R8,R25,R29,R33,R34,R35,R37	1/4W 1% Metal Film Resistor	8	100K
R2,R4,R15,R18	1/4W 1% Metal Film Resistor	4	470R
R3,R21	1/4W 1% Metal Film Resistor	2	82K
R5,R6,R7,R16,R28	1/4W 1% Metal Film Resistor	5	10K
R9,R23	1/4W 1% Metal Film Resistor	2	20K
R10,R24,R32,R38	1/4W 1% Metal Film Resistor	4	22K
R11	1/4W 1% Metal Film Resistor	1	5K6
R12,R17	1/4W 1% Metal Film Resistor	2	1M5
R13,R22	1/4W 1% Metal Film Resistor	2	1K8
R14,R26,R27,R30	1/4W 1% Metal Film Resistor	4	12K
R19,R31,R36	1/4W 1% Metal Film Resistor	3	1K
R20	1/4W 1% Metal Film Resistor	1	510K
SCALE, HF, 10V, MASTER TUNE	Bourns 20 Turn Trimmer 3296W	4	10K
FREQ CENTER	Bourns Small Single Turn Trim 3362P	1	10K
FREQ	Alpha 9MM Vertical Potentiometer	1	B10K DETENT
D1	Diode	1	11V Zener
D2	Diode	1	1N4148
D3,D4	Diode	2	BAT42
C1,C5,C7,C11,C12	Ceramic Capacitor	5	100nF (104)
C2,C3,C4,C8	Ceramic Capacitor	4	10nF (103)
C6	C0G (NP0) Ceramic Capacitor	1	5.6nF (562)
C9, C10	Electrolytic Radial 16V	2	10uF
U1	ALFA DIL IC	1	AS3340A
U2,U3	DIL IC	2	TL074
U1	IC SOCKET	1	16 PIN
U2,U3	IC SOCKET	2	14 PIN
CV, PWM, SQUARE, TRIANGLE, RAMP	THONKICONN 3.5mm Socket/Hex Nuts	6	
OCTAVE Rotary Switch	Alpha SR1712F-0104-15KOA-B9-N	1	1P4T
Shim Washer	1mm Thickness	1	M9 hole
SLIDE SWITCH	PCB MOUNT ON-ON	1	SPDT
FEMALE PIN HEADER	1x4 pin	6	2.54mm pitch
MALE PIN HEADER	1x4 pin	6	2.54mm pitch
POWER HEADER	2x5 pin MALE header	1	2.54mm pitch
STANDOFF	Female to Female, Brass, Hex	1	M2 x 11mm
SCREW	Slotted	2	M2 x 6mm
KNOB		2	
Ribbon Cable		1	