







Bill of Materials for ES20 - 1973 VCO Full Kit V0.0  
**Main Board [ES20 - 1973 VCO Component Kit]**

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	33pF 5% Ceramic	1	C104	RAD-0.2N
2	47pF 5% Ceramic	1	C102	RAD-0.2N
3	82pF 5% Ceramic	1	C202	RAD-0.2N
4	1nF 63V Polyester	1	C103	RAD-0.2
5	10nF 63V Polyester	1	C101	RAD-0.2
6	10nF 5% Ceramic, Medium K	1	C305	RAD-0.2N
7	100nF Ceramic	2	C303, C304	RAD-0.2N
8	4.7uF 50V Electrolytic	1	C201	RB-D5.0-P2.0
9	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
10	47uF Electrolytic	2	C106, C203	RB-D5-P2.5
<b>CONNECTOR</b>				
11	IDC16 Receptacle	2	J101, J102	-
12	14-pin IC Socket 0.3inch	1	U101	DIP-14
13	IDC16 Box Header	1	J301	2.54MM
<b>DIODE</b>				
14	1N4148	3	D201, D202, D203	DIODE-0.3
<b>LINEAR</b>				
15	LM3900 - Quad Norton Amplifier	1	U101	DIP-14
<b>INDUCTOR</b>				
16	Ferrite Bead - 0.45uH 7A	2	L301, L302	AXIAL-0.3
<b>RESISTOR</b>				
17	15R 1% 0.5W Metal Film	1	R114	AXIAL-0.4
18	330R 1% 0.5W Metal Film	3	R121, R123, R209	AXIAL-0.4
19	470R 1% 0.5W Metal Film	1	R211	AXIAL-0.4
20	1K0 1% 0.5W Metal Film	2	R118, R202	AXIAL-0.4
21	3K3 1% 0.5W Metal Film	2	R115, R122	AXIAL-0.4
22	10K 1% 0.5W Metal Film	2	R208, R210	AXIAL-0.4













