

Bill of Materials for ES75 - VCS Component Kit V5.0 - Main

Item	Description	Qty	Designator	Package
CAPACITOR				
1	47pF 5% Ceramic	2	C101, C102	RAD-0.2N
2	10nF 5% Ceramic, Medium K	3	C303, C304, C307	RAD-0.2N
3	22nF 63V Polyester	1	C201	RAD-0.2
4	100nF Ceramic Capacitor	2	C305, C306	RAD-0.2N
5	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
CONNECTOR				
6	IDC10 Receptacle	3	J302, J303, J304	-
7	IDC16 Box Header	1	J301	2.54MM
8	8-pin IC Socket 0.3inch	1	U101	DIP-8
9	14-pin IC Socket 0.3inch	1	U102	DIP-14
DIODE				
10	1N4148	1	D101	DIODE-0.3
11	5.6V 5% 500mW	1	D102	DIODE-0.3
LINEAR				
12	LM3900 - Quad Norton Amplifier	1	U102	DIP-14
13	TL072 Dual JFET Opamp	1	U101	DIP-8
INDUCTOR				
14	Ferrite Bead - 0.45uH 7A	2	L301, L302	-
RESISTOR				
15	100R 1% 0.5W Metal Film	1	R203	AXIAL-0.4
16	1K0 1% 0.5W Metal Film	1	R108	AXIAL-0.4
17	1K8 1% 0.5W Metal Film	1	R202	AXIAL-0.4
18	2K2 1% 0.5W Metal Film	3	R107, R204, R205	AXIAL-0.4
19	8K2 1% 0.5W Metal Film	1	R114	AXIAL-0.4
20	68K 1% 0.5W Metal Film	1	R111	AXIAL-0.4
21	82K 1% 0.5W Metal Film	1	R201	AXIAL-0.4
22	100K 1% 0.5W Metal Film	1	R112	AXIAL-0.4

