

Bill of Materials for ES18 - VCM-3 Component Kit V0.0

Item	Description	Qty	Designator	Package
CAPACITOR				
1	33pF 5% Ceramic	4	C203, C302, C402, C406	RAD-0.2N
2	47pF 5% Ceramic	1	C202	RAD-0.2N
3	47nF 63V Polyester	4	C201, C301, C401, C405	RAD-0.2
4	100nF Ceramic Capacitor	2	C503, C504	RAD-0.2N
5	1uF 35V Bipolar Electrolytic	3	C204, C303, C403	RB-D6.3-P2.5
6	10uF 35V Electrolytic	2	C501, C502	RB-D5.0-P2.0
7	47uF Electrolytic	1	C404	RB-D6.3-P2.5
CONNECTOR				
8	1x4 Pin 20mm Header	2	J202, J402	-
9	IDC16 Box Header	1	J501	2.54MM
10	1x4 Pin 9mm Header	1	J101	2.54MM
11	14-pin IC Socket 0.3inch	2	U101, U102	DIP-14
DIODE				
12	1N4148	6	D201, D202, D301, D302, D401, D402	DIODE-0.3
13	6V8 5% 500mW	1	D403	DIODE-0.3
HARDWARE				
14	9mm Earth Tag	1	PANEL_GND	-
LINEAR				
15	LM3900 - Quad Norton Amplifier	2	U101, U102	DIP-14
INDUCTOR				
16	Ferrite Bead - 0.45uH 7A	2	L501, L502	-
POTENTIOMETER				
17	50KB LIN - 18T Spline	1	P101	ALPHA 16MM
RESISTOR				
18	3K3 1% 0.5W Metal Film	1	R409	AXIAL-0.4

