

Bill of Materials for ES04 - VCM-1 Component Kit V0.2

Item	Description	Qty	Designator	Package
CAPACITOR				
1	47pF 5% Ceramic	1	C102	RAD-0.2N
2	100nF Ceramic Capacitor	4	C203, C204, C205, C206	RAD-0.2N
3	220nF 63V Polyester	1	C101	RAD-0.2
4	10uF 35V Electrolytic	2	C201, C202	RB-D5.0-P2.0
CONNECTOR				
5	1x4 Pin 20mm Header	1	J103	-
6	2x3 Open Pin Header	1	S101	2.54MM
7	1x4 Pin 9mm Header	1	J101	2.54MM
8	IDC16 Box Header	1	J201	2.54MM
9	8-pin IC Socket 0.3inch	1	U102	DIP-8
10	16-pin IC Socket 0.3inch	1	U101	DIP-16
DIODE				
11	1N4148	3	D101, D102, D103	DIODE-0.3
HARDWARE				
12	9mm Earth Tag	1	PANEL_GND	-
13	Washer - Switch Star	1	S101	-
LINEAR				
14	LM13700 - Dual OTA	1	U101	DIP-16
15	TL071 JFET Opamp	1	U102	DIP-8
INDUCTOR				
16	Ferrite Bead - 0.45uH 7A	2	L101, L102	-
POTENTIOMETER				
17	50KB LIN - 18T Spline	1	P101	ALPHA 16MM
RESISTOR				
18	330R 1% 0.5W Metal Film	1	R109	AXIAL-0.4

