

Bill of Materials for ES17 - VCM-2 Component Kit V0.0

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	6	C202, C203, C204, C301, C302, C303	RAD-0.2N
2	150pF 5% Ceramic	1	C201	RAD-0.2N
3	100nF Ceramic Capacitor	10	C403, C404, C405, C406, C407, C408, C409, C410, C411, C412	RAD-0.2N
4	220nF 63V Polyester	1	C101	RAD-0.2
5	10uF 35V Electrolytic	2	C401, C402	RB-D5.0-P2.0
	CONNECTOR			
6	1x4 Pin 20mm Header	1	J301	-
7	IDC16 Box Header	1	J401	2.54MM
8	1x4 Pin 9mm Header	2	J101, J103	2.54MM
9	8-pin IC Socket 0.3inch	4	U201, U202, U203, U301	DIP-8
10	16-pin IC Socket 0.3inch	1	U101	DIP-16
	DIODE			
11	1N4148	13	D101, D201, D202, D203, D204, D205, D206, D301, D302, D303, D304, D305, D306	DIODE-0.3
	HARDWARE			
12	9mm Earth Tag	1	PANEL_GND	-
	LINEAR			
13	TL072 Dual JFET Opamp	3	U202, U203, U301	DIP-8
14	TL071 JFET Opamp	1	U201	DIP-8
15	LM13700 - Dual OTA	1	U101	DIP-16
	INDUCTOR			
16	Ferrite Bead - 0.45uH 7A	2	L401, L402	-
	POTENTIOMETER			
17	50KB LIN - 18T Spline	1	P101	ALPHA 16MM

