

ES04 - VCM-1 Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	1	C102	RAD-0.2N
2	100nF Ceramic	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	2x3 Open Pin Header	1	S101	2.54MM
6	1x4 Pin 16mm Header	1	J103	-
7	16-pin IC Socket 0.3inch	1	U101	DIP-16
8	IDC16 Box Header	1	J201	2.54MM
9	1x4 Pin 9mm Header	1	J101	2.54MM
10	8-pin IC Socket 0.3inch	1	U102	DIP-8
	DIODE			
11	1N4148	3	D101, D102, D103	DIODE-0.3
	LINEAR			
12	TL071 JFET Opamp	1	U102	DIP-8
13	LM13700 - Dual OTA	1	U101	DIP-16
	INDUCTOR			
14	Ferrite Bead - 5A	2	L101, L102	AXIAL-0.3
	POTENTIOMETER			
15	50KB LIN - 18T Spline	1	P101	ALPHA 16MM
	RESISTOR			
16	330R 1% 0.5W Metal Film	1	R109	AXIAL-0.4
17	1K5 1% 0.5W Metal Film	2	R105, R107	AXIAL-0.4
18	3K3 1% 0.5W Metal Film	1	R111	AXIAL-0.4
19	10K 1% 0.5W Metal Film	1	R110	AXIAL-0.4

