Bill of Materials for ES07 - 1973 VCF [4mm] Full Kit V2.0

Item	Description	Qty	Designator	Package
	HARDWARE			
1	M3 Thumbscrew	2		-
			NB: Construct-A-Rack	
2	M3 x 6mm Bolt PH	2		-
			NB: Doefper Compatible Rails	
	PANEL			
3	ES07 - 1973 VCF Front Panel A	1		-
	KITS			
4	ES07 - 1973 VCF [4mm] Hardware Kit B	1		-
5	ES07 - 1973 VCF PCB Set B	1		-
6	ES07 - 1973 VCF Component Kit B	1		-

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC16 RA Box Header	1	J6	2.54MM
2	1x4 Pin 9mm Header	2	J4B, J5B	2.54MM
	HARDWARE			
3	9mm Earth Tag	1	PANEL_GND	-
	POTENTIOMETER			
4	100KB LIN - 18T Spline	3	P1, P2, P3	ALPHA 16MM

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC16 RA Box Header	1	J6	2.54MM
2	1x4 Pin 9mm Header	3	J3, J4B, J5B	2.54MM
3	2x3 Open Pin Header	1	S1	2.54MM
	POTENTIOMETER			
4	50KA LOG - 18T Spline	1	P1	ALPHA 16MM
	SWITCH			
5	DPDT PCB RA [ON-ON]	1	S1	7201

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	22pF 10% Ceramic	1	C201	RAD-0.2N
2	100pF 5% Ceramic	2	C101, C102	RAD-0.2N
3	220pF 2.5% Polystyrene	2	C203, C205	AXIAL-0.4W
4	100nF Ceramic Capacitor	4	C303, C304, C305, C306	RAD-0.2N
5	100nF 63V Polyester	2	C202, C204	RAD-0.2
6	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
	CONNECTOR			
7	IDC16 Box Header	1	J301	2.54MM
8	IDC16 Receptacle	2	X101, X102	-
9	8-pin IC Socket 0.3inch	1	U201	DIP-8
10	14-pin IC Socket 0.3inch	1	U101	DIP-14
11	16-pin IC Socket 0.3inch	1	U202	DIP-16
	LINEAR			
12	LM13700 - Dual OTA	1	U202	DIP-16
13	TL071 JFET Opamp	1	U201	DIP-8
14	LM3900 - Quad Norton Amplifier	1	U101	DIP-14
	INDUCTOR			
15	Ferrite Bead - 0.45uH 7A	2	L301, L302	-
	RESISTOR			
16	330R 1% 0.5W Metal Film	3	R207, R213, R219	AXIAL-0.4
17	470R 1% 0.5W Metal Film	4	R208, R209, R215, R216	AXIAL-0.4
18	2K2 1% 0.5W Metal Film	2	R211, R218	AXIAL-0.4
19	3K3 1% 0.5W Metal Film	2	R210, R217	AXIAL-0.4
20	4K7 1% 0.5W Metal Film	1	R108	AXIAL-0.4
21	15K 1% 0.5W Metal Film	1	R117	AXIAL-0.4
22	18K 1% 0.5W Metal Film	1	R107	AXIAL-0.4
23	22K 1% 0.5W Metal Film	5	R103, R104, R115, R122, R202	AXIAL-0.4
24	33K 1% 0.5W Metal Film	3	R109, R111, R112	AXIAL-0.4

Item	Description	Qty	Designator	Package
	RESISTOR - continued			
25	68K 1% 0.5W Metal Film	8	R113, R120, R201, R203, R204, R206, R212, R214	AXIAL-0.4
26	100K 1% 0.5W Metal Film	1	R118	AXIAL-0.4
27	330K 1% 0.5W Metal Film	2	R105, R106	AXIAL-0.4
28	470K 1% 0.5W Metal Film	2	R114, R121	AXIAL-0.4
29	1M0 1% 0.5W Metal Film	2	R101, R110	AXIAL-0.4
30	3M3 1% 0.5W Metal Film	1	R102	AXIAL-0.4
31	8M2 1% 0.5W Metal Film	1	R205	AXIAL-0.4
32	22M 5% 0.25W Metal Glazed	2	R116, R119	AXIAL-0.4
	TRANSISTOR			
33	2N3906 PNP Transistor	2	Q101, Q102	TO-92
34	J201 JFET	2	Q201, Q203	TO-92
35	BC560C PNP Transistor	2	Q202, Q204	-
	TRIMPOT			
36	20K 25T Cermet VTrim	1	P101	3296W
	UNITS			
37	Panther - IDC16 - 24cm	1	J301	-

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	4mm PCB Socket c/w Nut - Blue	1	J5A	-
2	4mm PCB Socket c/w Nut - Black	1	J4A	-
	HARDWARE			
3	KNOB - Panther Hi-contrast Blue	3	P1, P2, P3	18T SPLINE

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	4mm PCB Socket c/w Nut - White	3	J3B, J4B, J5B	-
	HARDWARE			
2	KNOB - Panther Hi-contrast Blue	1	P1	18T SPLINE

Item	Description	Qty	Designator	Package
	PCB			
1	Panther Carrier PCB V1A	2	PCB1D, PCB1F	-

Item	Description	Qty	Designator	Package
	PCB			
1	ES07 - 1973 VCF Column 2 PCB V0.0	1	PCB1	-
2	Panther Carrier PCB V1A	3	PCB1B, PCB1C, PCB1D	-

Item	Description	Qty	Designator	Package
	PCB			
1	ES07 - 1973 VCF Main PCB V0.3	1	PCB1	-
	End of document			