

Bill of Materials for ES14 - Voltage Processor [4mm] Full Kit V0.0

Item	Description	Qty	Designator	Package
	<b>HARDWARE</b>			
1	M3 Thumbscrew	2		-
			NB: Construct-A-Rack	
2	M3 x 6mm Bolt PH	2		-
			NB: Doefper Compatible Rails	
	<b>PANEL</b>			
3	ES14 - Voltage Processor Front Panel A	1		-
	<b>KITS</b>			
4	ES14 - Voltage Processor [4mm] Hardware Kit V0.0	1		-
5	ES14 - Voltage Processor PCB Set V0.0	1		-
6	ES14 - Voltage Processor Component Kit V0.0	1		-

Bill of Materials for ES14 - Voltage Processor Component Kit V0.0 - Column1

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	IDC16 RA Box Header	1	J5	2.54MM

Bill of Materials for ES14 - Voltage Processor Component Kit V0.0 - Column2

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	47pF 5% Ceramic	2	C101, C102	RAD-0.2N
2	100nF Ceramic Capacitor	2	C203, C204	RAD-0.2N
3	10uF 35V Electrolytic	2	C201, C202	RB-D5.0-P2.0
<b>CONNECTOR</b>				
4	IDC16 RA Box Header	1	J101	2.54MM
5	IDC16 Box Header	1	J201	2.54MM
6	8-pin IC Socket 0.3inch	1	U101	DIP-8
<b>DIODE</b>				
7	Do Not Fit	2	D101, D102	-
<b>LINEAR</b>				
8	TL072 Dual JFET Opamp	1	U101	DIP-8
<b>INDUCTOR</b>				
9	Ferrite Bead - 0.45uH 7A	2	L201, L202	-
<b>POTENTIOMETER</b>				
10	20KB LIN - 18T Spline	4	P101, P102, P103, P104	ALPHA 16MM
<b>RESISTOR</b>				
11	Do Not Fit	2	R110, R112	-
12	220R 1% 0.5W Metal Film	1	R108	AXIAL-0.4
13	100K 1% 0.5W Metal Film	6	R101, R102, R103, R105, R106, R107	AXIAL-0.4
14	220K 1% 0.5W Metal Film	1	R111	AXIAL-0.4
<b>UNITS</b>				
15	Panther - IDC16 - 24cm	1	J201	-

Bill of Materials for ES14 - Voltage Processor [4mm] Hardware Kit V0.0

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	4mm PCB Socket c/w Nut - Green	1	J4	-
2	4mm PCB Socket c/w Nut - Blue	3	J1, J2, J3	-
	<b>HARDWARE</b>			
3	KNOB - Panther Hi-contrast Blue	4	P101, P102, P103, P104	18T SPLINE

