

Bill of Materials for ES84 - Peak & Trough Full Kit V0.5

Item	Description	Qty	Designator	Package
	<b>HARDWARE</b>			
1	M3 Thumbscrew	4		-
			NB: Construct-A-Rack	
2	M3 x 6mm Bolt PH	4		-
			NB: Doefper Compatible Rails	
	<b>PANEL</b>			
3	ES84 - Peak & Trough Front Panel A	1		-
	<b>KITS</b>			
4	ES84 - Peak & Trough PCB Set V0.5	1		-
5	ES84 - Peak & Trough Hardware Kit V0.5	1		-
6	ES84 - Peak & Trough Component Kit V0.5	1		-



Bill of Materials for ES84 - Peak & Trough Component Kit V0.5 - Column2

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

Bill of Materials for ES84 - Peak & Trough Component Kit V0.5 - Column3

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
<b>CONNECTOR</b>				
2	IDC16 Box Header	1	J301	2.54MM
3	IDC16 Box Header	1	J102	2.54MM
4	IDC16 RA Box Header	1	J101	2.54MM
5	1x4 Pin 20mm Header	2	J105, J205	-
<b>DIODE</b>				
6	1N4148	12	D101, D102, D103, D104, D105, D106, D201, D202, D203, D204, D205, D206	DIODE-0.3
<b>INDUCTOR</b>				
7	Ferrite Bead - 0.45uH 7A	2	L301, L302	-
<b>POTENTIOMETER</b>				
8	10KB LIN - 18T Spline	2	P101, P201	ALPHA 16MM
<b>RESISTOR</b>				
9	2K2 1% 0.5W Metal Film	9	R103, R104, R105, R106, R202, R203, R206, R207, R208	AXIAL-0.4
10	10K 1% 0.5W Metal Film	2	R101, R205	AXIAL-0.4
11	15K 1% 0.5W Metal Film	1	R204	AXIAL-0.4
12	150K 1% 0.5W Metal Film	1	R201	AXIAL-0.4
13	220K 1% 0.5W Metal Film	1	R102	AXIAL-0.4
<b>TRANSISTOR</b>				
14	BC557B PNP Transistor	2	Q101, Q102	TO-92
15	BC547B NPN Transistor	2	Q201, Q202	TO-92
<b>UNITS</b>				
16	Panther - IDC16 - 24cm	1	J301	-



Bill of Materials for ES84 - Peak & Trough Hardware Kit V0.5 - Column2

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3.5mm Mono PCB Socket c/w Nut - Blue	4	J1, J2, J3, J4	-



Bill of Materials for ES84 - Peak & Trough PCB Set V0.5

Item	Description	Qty	Designator	Package
	<b>PCB</b>			
1	Panther Carrier PCB V1A	2	COLUMN3A, COLUMN3B	-
2	Panther Jack/Switch PCB V3.1	2	COLUMN1, COLUMN2	-
3	ES84 - Peak & Trough PCB V0.5	1	COLUMN3	-
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